

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

FORM 20-F

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d)
OF THE SECURITIES EXCHANGE ACT OF 1934
for the fiscal year ended December 31, 2019
Commission File No. 0-28998

ELBIT SYSTEMS LTD.

(Exact name of registrant as specified in its charter and translation of registrant's name into English)

Israel

(Jurisdiction of incorporation or organization)

Advanced Technology Center, Haifa 3100401, Israel
(Address of principal executive offices)

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(Name, telephone, e-mail and/or facsimile number and address of Company contact person)

Securities registered or to be registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Ordinary Shares, nominal value 1.0 New Israeli Shekel per share	ESLT	The NASDAQ Global Select Market

Securities registered or to be registered pursuant to Section 12(g) of the Act:

Not Applicable

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act:

Not Applicable

Indicate the number of outstanding shares of each of the issuer's classes of capital or common stock as of the close of the period covered by the annual report: **44,198,330 Ordinary Shares**.

Indicate by check mark whether the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

Yes No

If this report is an annual or transition report, indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934.

Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "large accelerated filer," "accelerated filer" and "emerging growth company" in Rule 12b-2 of the Exchange Act (Check One).

Large accelerated filer

Accelerated filer

Non-accelerated filer

Emerging growth company

If an emerging growth company that prepares its financial statements in accordance with U.S. GAAP, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark which basis of accounting the registrant has used to prepare the financial statements included in this filing.

U.S. GAAP

International Financial Reporting
Standards as issued by the International
Accounting Standards Board

Other

If "Other" has been checked in response to the previous question, indicate by check mark which financial statement item the registrant has elected to follow.

Item 17 Item 18

If this is an annual report, indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

Yes No

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PART I

General Disclosure Standards

The consolidated financial statements of Elbit Systems Ltd. (Elbit Systems) included in this annual report on Form 20-F are prepared in accordance with United States generally accepted accounting principles (U.S. GAAP). Unless otherwise indicated, all financial information contained in this annual report is presented in U.S. dollars. References in this annual report to the “Company”, “we”, “our”, “us” and terms of similar meaning refer to Elbit Systems and our subsidiaries unless the context requires otherwise.

The name “ELBIT SYSTEMS”, and our logo, brand, product, service and process names appearing in this document, are the trademarks of the Company or our affiliated companies. All other brand, product, service and process names appearing in this document are the trademarks of their respective holders and appear for informational purposes only. Reference to or use of any third party mark, product, service or process name herein does not imply any recommendation, approval, affiliation or sponsorship of that or any other mark, product, service or process name. Nothing contained herein shall be construed as conferring by implication, estoppel or otherwise any license or right under any patent, copyright, trademark or other intellectual property right of the Company or any of our affiliated companies.

Cautionary Statement with Respect to Forward-Looking Statements

This annual report on Form 20-F contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, Section 21E of the Securities Exchange Act of 1934, as amended and the Israeli Securities Law, 1968. These statements relate to our current plans, estimates, strategies, goals, beliefs, intents, expectations, assumptions, and projections about future events and as such do not relate to historical or current fact. Forward-looking statements are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995, as amended.

Forward-looking statements contained herein generally are identified by the words “anticipate”, “intend”, “believe”, “estimate”, “project”, “expect”, “will likely result”, “strategy”, “plan”, “may”, “should”, “will”, “would”, “will be”, “will continue”, “will likely result” and similar expressions, and the negatives thereof. Forward-looking statements are not guarantees of future performance and involve certain risks and uncertainties, the outcomes of which cannot be predicted. Therefore, actual future results, performance and trends may differ materially from these forward-looking statements due to a variety of factors, including, without limitation:

- the scope and length of customer contracts;
- governmental regulations and approvals;
- changes in governmental budgeting priorities;
- general market, political, health and economic conditions in the countries in which we operate or sell, including Israel and the United States among others;
- the development and launch of our products, or their market acceptance;
- our projected expenses and capital expenditures;
- differences in anticipated and actual program performance, including the ability to perform under long-term fixed-price contracts;
- the impact on our backlog from export restrictions by the Government of Israel;

- our ability to achieve strategic goals from acquisitions of businesses and the risks associated with the integration of such businesses;
- our ability to protect our proprietary information and avoid, withstand and/or recover from cyber attacks on our systems;
- the effect of competitive products, technology and pricing;
- our ability to attract, incentivize and retain key employees;
- changes in applicable tax rates;
- fluctuations in foreign currency exchange rates;
- inventory write-downs and possible liabilities to customers from program cancellations due to political relations between Israel and countries where our customers may be located; and
- the outcome of legal and/or regulatory proceedings.

The factors listed above are not all-inclusive, and further information about risks and other factors that may affect our future performance is contained in this annual report on Form 20-F. All forward-looking statements speak only as of the date of this annual report. Although we believe the expectations reflected in the forward-looking statements contained in this annual report are reasonable, we cannot guarantee future results, level of activity, performance or achievements. Moreover, neither we nor any other person assumes responsibility for the accuracy and completeness of any of these forward-looking statements. We expressly disclaim any obligation to update or review any forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required by applicable law.

Item 1. Identity of Directors, Senior Management and Advisers.

Information not required in annual report on Form 20-F.

Item 2. Offer Statistics and Expected Timetable.

Information not required in annual report on Form 20-F.

Item 3. Key Information.

Selected Financial Data

The following selected consolidated financial data of the Company as of and for the years ended December 31, 2015, 2016, 2017, 2018 and 2019 are derived from our audited consolidated financial statements, including our audited consolidated financial statements as of December 31, 2018 and 2019, and for each of the years ended December 31, 2017, 2018 and 2019, which appear in Item 18 in this annual report on Form 20-F. You should read the audited consolidated financial statements appearing in Item 18 together with the selected financial data set forth below. (For more information regarding GAAP and non-GAAP financial data see Item 5. Operating and Financial Review and Prospects.)

	Years Ended December 31,				
	(U.S. dollars in millions, except for per share amounts)				
	2015	2016	2017	2018	2019
Income Statement Data:					
Revenues	3,107.6	3,260.2	3,377.8	3,683.7	4,508.4
Cost of revenues	2,210.5	2,294.9	2,374.8	2,707.5	3,371.9
Gross profit	897.1	965.3	1,003.0	976.2	1,136.5
Research and development expenses, net	243.4	255.8	265.1	287.4	331.8
Marketing and selling expenses	239.4	271.0	280.2	281.0	301.4
General and administrative expenses	145.7	151.4	133.3	160.3	214.7
Other operating income, net	—	(17.6)	—	(45.4)	(33.0)
Total operating expenses	628.5	660.6	678.6	683.3	814.9
Operating income	268.6	304.7	324.4	292.9	321.6
Financial expenses, net	(20.2)	(23.7)	(34.5)	(44.1)	(69.1)
Other income (expenses), net	0.2	(1.7)	(5.1)	(11.4)	(6.2)
Income before taxes on income	248.6	279.3	284.8	237.4	246.3
Taxes on income	(46.2)	(45.6)	(55.6)	(26.4)	(19.4)
Equity in net earnings (losses) of affiliated companies and partnerships	4.5	5.2	11.4	(2.2)	1.8
Net income	206.9	238.9	240.6	208.8	228.7
Less: net income attributable to non-controlling interests	(4.4)	(1.9)	(1.5)	(1.9)	(0.8)
Income attributable to Elbit Systems' shareholders	202.5	237.0	239.1	206.9	227.9
Earnings per share:					
Basic net earnings per share	\$ 4.74	\$ 5.54	\$ 5.59	\$ 4.83	\$ 5.20
Diluted net earnings per share	\$ 4.74	\$ 5.54	\$ 5.59	\$ 4.83	\$ 5.20

As of December 31,

	(U.S. dollars in millions, except for per share amounts)				
	2015	2016	2017	2018	2019
Balance Sheet Data:					
Cash, cash equivalents, short-term bank deposits and marketable securities	332	245	173	225	223
Working capital	645	527	522	369	499
Long-term deposits, marketable securities and other receivables	16	16	38	43	58
Long-term trade and unbilled receivables	152	190	295	297	259
Property, plant and equipment, net	450	474	496	687	767
Total assets	4,124	4,352	4,715	6,451	7,335
Long-term debt	166	—	120	468	440
Series A Notes, net of current maturities	227	171	125	56	—
Capital stock	274	274	274	276	424
Elbit Systems shareholders' equity	1,391	1,560	1,708	1,832	2,141
Non-controlling interests	8	7	10	22	18
Total equity	1,399	1,567	1,718	1,854	2,160
Number of outstanding ordinary shares of NIS 1 par value (in thousands)	42,766	42,782	42,787	42,789	44,198
Dividends paid per ordinary share with respect to the applicable year	\$ 1.44	\$ 1.60	\$ 1.76	\$ 1.76	\$ 1.76

Risk Factors

General Risks Related to Our Business and Market

Our revenues depend on a continued level of government business. We derive most of our revenues directly or indirectly from government agencies, mainly the Israeli Ministry of Defense (IMOD), the U.S. Department of Defense (DoD) and other military or governmental authorities of various countries, pursuant to contracts awarded to us under defense and homeland security-related programs. The funding of these programs could be reduced or eliminated due to numerous factors, including geo-political events and macro-economic conditions that are beyond our control. Reduction or elimination of government spending under our contracts could cause a negative effect on our revenues, results of operations, cash flow and financial condition.

We depend on governmental approval of exports. Our international sales, as well as our international procurement of skilled human resources, technology and components, depend largely on export license approvals from the governments of Israel, the U.S. and other countries. If we, our customers or our suppliers fail to obtain material approvals in the future, or if material approvals previously obtained are revoked or expire and are not renewed due to factors such as changes in political conditions or imposition of sanctions, our ability to sell our products and services to overseas customers and our ability to obtain goods and services essential to our business could be interrupted, resulting in a material adverse effect on our business, revenues, assets, liabilities and results of operations. See Item 4. Information on the Company – Governmental Regulation.

We are subject to government procurement and anti-bribery/corruption rules and regulations. We are required to comply with government contracting rules and regulations relating to, among other things, cost accounting, sales of various types of munitions, anti-bribery and procurement integrity, which increase our performance and compliance costs. See Item 4. Information on the Company – Governmental Regulation. Failure to comply with these rules and regulations, whether directly or indirectly, could result in the modification, termination or reduction of the value of our contracts, the assessment of penalties and fines against us, our suspension or debarment from government contracting or subcontracting for a period of time or criminal sanctions against us or our employees, all of which could negatively impact our results of operations and financial condition. We engage in certain markets considered to have high bribery and corruption risks. Investigations by government agencies have become more frequent in a number of countries, including Israel and the U.S.

We face risks in our international operations. We derive a significant portion of our revenues from international sales. Entry into new markets as well as changes in international, political, economic or geographic conditions could cause significant reductions in our revenues, which could harm our business, financial condition and results of operations. In addition to the other risks from international operations set forth elsewhere in these Risk Factors, some of the risks of doing business internationally include international trade sanctions, imposition of tariffs and other trade barriers and restrictions. Imposition of import restrictions or tariffs by any government could lead to retaliatory actions by other countries with broad effects in many industries and economies internationally. Broad-based international trade conflicts could have negative consequences on the demand for our products and services outside Israel. Other risks of doing business internationally include political and economic instability in the countries of our customers and suppliers, changes in diplomatic and trade relationships and increasing instances of terrorism worldwide. Some of these risks may be affected by Israel's overall political situation. See "Risks Related to Our Israeli Operations" below.

Our operations may be negatively impacted by the Coronavirus pandemic. International health epidemics from communicable diseases, such as the recent outbreak of the novel Coronavirus disease in 2019 (Covid-19), may impair our operations. We are actively assessing the potential impact of the Covid-19 pandemic on our operations, including on our employees, customers, suppliers and logistics/transport providers. In addition, we are evaluating the possible impact of governmental actions being taken to curtail the spread of the virus, such as instructions regarding quarantine of individuals, restrictions on holding of large scale events, workplace restrictions and international travel. We also are monitoring the impact of the pandemic on our industry and on governmental priorities, both in Israel and worldwide, as well as its macro-economic implications. We cannot presently estimate the impact of Covid-19, but the continued spread of that disease could prevent our employees, customers, suppliers and other business partners from conducting normal activities, potentially resulting in cessation, reduction or delay of business either voluntarily or by governmental mandate and could have a material adverse effect on our business, financial condition, results of operations and cash flow.

A cyber or security breach or disruption or failure in a computer system could adversely affect us. Our operations depend on the continued and secure functioning of our computer and communications systems and the protection of information stored in computer databases maintained by us and, in certain circumstances, by third parties. Such systems and databases are subject to breach, damage, disruption or failure from, among other things, cyber attacks and other unauthorized intrusions, power losses, telecommunications failures, earthquakes, fires and other natural disasters.

We have been subject to attempted cyber attacks, and our computer and communications systems and databases face ongoing threats of unauthorized access, computer hackers, computer viruses, malicious code, cyber crime, organized cyber attacks and other security problems and system disruptions. In particular, we may be targeted by experienced computer programmers and hackers (including those sponsored by foreign governments or terrorist organizations) who may attempt to penetrate our cyber security defenses and damage or disrupt our computer and communications systems and misappropriate or compromise our intellectual property or other confidential information or that of our customers.

Governmental and other end users and customers are increasingly requiring us or our subcontractors to meet specific computer system cyber protection and information assurance requirements and standards as a condition for us to receive customer program-related information. We devote significant resources to maintain and upgrade the security of our systems and databases and to meet applicable customer requirements regarding their protection. However, despite our efforts to secure our systems and databases and meet cyber protection and information assurance requirements, we may still face system failures, data breaches, loss of intellectual property and interruptions in our operations, which could have a material adverse effect on our business, financial condition and results of operations.

We are subject to laws and contractual obligations regarding data privacy. Certain information we receive and maintain regarding our employees and third parties is subject to various local and national laws regarding privacy and data protection. Many of these laws are rapidly evolving and increasingly rigorous. In addition, we are frequently subject to contractual obligations requiring us to protect the confidential information of customers. A failure or perceived failure by us to comply with laws, industry standards or contractual obligations regarding the protection of data could subject us to enforcement actions and other litigation by customers and governmental authorities, fines, damages and negative publicity.

We operate in a competitive industry. The markets in which we participate are highly competitive and characterized by technological change. If we are unable to improve existing systems and products and develop new systems and technologies in order to meet evolving customer demands, our business could be adversely affected. In addition, our competitors could introduce new products with innovative capabilities, which could adversely affect our business. We compete with many large and mid-tier defense, homeland security and commercial aviation contractors on the basis of system performance, cost, overall value, delivery and reputation. Many of these competitors are larger and have greater resources than us, and therefore may be better positioned to take advantage of economies of scale and develop new technologies. Some of these competitors are also our suppliers in some programs.

Due to consolidation in our industry, we are more likely to compete with certain potential customers. As the number of companies in the defense industry has decreased in recent years, the market share of some prime contractors has increased. Some of these companies are vertically integrated with in-house capabilities similar to ours in certain areas. Thus, at times we could be seeking business from certain of these prime contractors, while at other times we could be in competition with some of them. Failure to maintain good business relations with these major contractors could negatively impact our business.

We face acquisition and integration risks. From time to time we make equity or asset acquisitions and investments in companies and technology ventures. Such acquisitions generally are intended to achieve various strategic initiatives including the expansion of our product or service offerings, technical capabilities or customer base. See Item 4. Information on the Company – Mergers, Acquisitions and Divestitures. These acquisitions involve risks and uncertainties such as:

- our pre-acquisition due diligence may fail to identify material risks;
- significant acquisitions may negatively impact our financial results, including cash flow and financial liquidity;
- significant goodwill assets recorded on our consolidated balance sheet from prior acquisitions are subject to impairment testing, and unfavorable changes in circumstances could result in impairment to those assets;
- acquisitions may result in significant additional unanticipated costs associated with price adjustments or write-downs;
- we may not integrate newly-acquired businesses and operations in an efficient and cost-effective manner;
- relocation or combination of facilities of acquired businesses may be more costly or time consuming than planned;
- we may fail to achieve the strategic objectives, synergies, cost savings and other benefits expected from acquisitions;
- the technologies acquired may not prove to be those needed to be successful in our markets or may not have adequate intellectual property rights protection;
- we may assume significant liabilities and exposures that exceed the enforceability or other limitations of applicable indemnification provisions, if any, or the financial resources of any indemnifying parties, including indemnity for tax or regulatory compliance issues, such as anti-corruption and environmental compliance, that may result in our incurring successor liability;
- we may fail to retain key employees of the acquired businesses;
- the attention of senior management may be diverted from our existing operations;

- we may be exposed to potential shareholder claims if we acquire a significant interest in a publicly traded company; and
- certain of our newly acquired operating subsidiaries in various countries could be subject to more restrictive regulations by the local authorities after our acquisition, including regulations relating to foreign ownership of, and export authorizations for, local companies.

We cannot assure that these risks or other unforeseen factors will not offset the intended benefits of the acquisitions, and such risks could have a material adverse effect on our financial condition and results of operation.

Our acquisitions are subject to governmental approvals. Most countries require local governmental approval of acquisitions of domestic defense and homeland security-related businesses, which approval may be denied, or subject to unfavorable conditions, if the local government determines the acquisition is not in its national interest. We may also be unable to obtain antitrust approvals for certain acquisitions as our operations expand. Failure to obtain such governmental approvals could negatively impact our future business and prospects.

We face risks of cost overruns in fixed-price contracts. Most of our contracts are fixed-price contracts, under which we generally assume the risk that increased or unexpected costs may reduce profits or generate a loss. The risk of adverse effects on our financial performance from such increased or unexpected costs can be particularly significant under fixed-price contracts for which changes in estimated gross profit/loss are recorded on a “cumulative catch-up basis”. See Item 5. Operating and Financial Review and Prospects – General – Critical Accounting Policies and Estimates – Revenue Recognition and Item 18. Financial Statements - Note 2T. The costs most likely to fluctuate under our fixed price contracts relate to internal design and engineering efforts. However, we do not believe that changes in the market costs of particular commodities used in the production of our products are likely to present a material risk to our costs. To the extent we underestimate the costs to be incurred in any fixed-price contract, we could experience a loss on the contract, which could have a negative effect on our results of operations, financial position and cash flow.

We have risks relating to pre-contract costs. We sometimes participate in “risk-sharing” contracts, or incur pre-contract costs relating to specific anticipated contracts or delivery orders, in which our non-recurring costs or other costs that are pre-contract costs are only recoverable if the contract or order is actually awarded or if there is a sufficient level of sales for the applicable product, which level of sales typically is not guaranteed. If the anticipated contract is not awarded or if sales do not occur at the level anticipated, we may not be able to recover our non-recurring or pre-contract costs.

Certain of our contracts may be terminated for convenience of the customer. Our contracts with governments often contain provisions permitting termination for convenience of the customer. Our subcontracts with non-governmental prime contractors sometimes contain similar provisions permitting termination for the convenience of the prime contractors. In a minority of such contractual arrangements, an early termination for convenience would not entitle us to reimbursement for a proportionate share of our fee or profit for work still in progress.

We face fluctuations in revenues and profit margins. Our revenues may fluctuate between periods due to changes in pricing, sales volume or project mix. Moreover, because certain of our project revenues are recognized upon achievement of performance milestones, such as units-of-delivery / point-in-time revenue recognition, we may experience significant fluctuations in year-to-year and quarter-to-quarter financial results. Similarly, our profit margin may vary significantly during the course of a project as a result of changes in estimated project gross profits that are recorded in results of operations on a cumulative catch-up basis pursuant to the percentage-of-completion accounting method due to judgment and estimates that are complex and are subject to a number of variables. See Item 5. Operating and Financial Review and Prospects – General – Critical Accounting Policies and Estimates – Revenue Recognition and Item 18. Financial Statements - Note 2T. As a result, our financial results for prior periods may not provide a reliable indicator of our future results.

Our backlog of projects under contract is subject to unexpected adjustments, delays in payments and cancellations. Our backlog includes revenue we expect to record in the future from signed contracts and certain other commitments. Many projects may remain in our backlog for an extended period of time because of the size or long-term nature of the contract. In addition, from time to time, for reasons beyond our control (including economic conditions or customer needs), projects are delayed, scaled back, stopped or cancelled, or the customer delays making payments, which may adversely affect the revenue, profit and cash flow that we ultimately receive from contracts reflected in our backlog.

We may experience production delays, discontinuation of supply or liability if suppliers fail to make compliant or timely deliveries. The manufacturing process for some of our products largely consists of the assembly, integration and testing of purchased components. Some components are available from a small number of suppliers, and in a few cases a single source. If a supplier stops delivery of such components, finding another source could result in added cost and manufacturing delays. Moreover, if our subcontractors fail to meet their design, delivery schedule, information assurance or other obligations we could be held liable by our customers, and we may be unable to obtain full or partial recovery from our subcontractors for those liabilities. The foregoing disruptions could have a material adverse effect on our operating results.

We may be affected by failures of our prime contractors. We often act as a subcontractor, and a failure of a prime contractor to meet its obligations may affect our ability to receive payments under our subcontract.

Undetected problems in our products could impair our financial results and give rise to potential product liability claims. If there are defects in the design, production or testing of our or our subcontractors' products and systems, including our products sold for public safety purposes in the homeland security area, we could face substantial repair, replacement or service costs, potential liability and damage to our reputation. In addition, we must comply with regulations and practices to prevent the use of parts and components that are considered as counterfeit or that violate third party intellectual property rights. We may not be able to obtain product liability or other insurance to fully cover such risks, and our efforts to implement appropriate design, testing and manufacturing processes for our products or systems may not be sufficient to prevent such occurrences, which could have a material adverse effect on our business, results of operations and financial condition.

Our business involves risks that may not be adequately covered by insurance. Our business involves the development and production of products and systems for government agencies and other customers around the world. These products and systems can involve new technologies that are not fully tested. The monetary amount of our insurance coverage may not fully cover the liabilities we may incur from our activities, which could be substantial and could harm our financial condition, results of operations and cash flows. In addition, conditions in the global insurance market may make it more costly to obtain adequate insurance coverage in areas such as directors and officers liability insurance.

Our operations may expose us to liabilities under various environmental protection, health and safety laws and regulations. Our operations are affected by environmental protection, health and safety requirements. Recent years have been characterized by a substantial increase in the stringency and enforcement of legal provisions and regulatory requirements in these areas and the cost of compliance with such regulatory changes. Changes in laws and regulations around the world may impact use of our products or our manufacturing processes, due to environmental protection, health or safety considerations. These changes include regulations regarding the storage and handling of hazardous materials used in our operations. See Item 4 - Information on the Company - Governmental Regulation - Environmental, Health and Safety Regulations. Standards adopted in the future may affect us and change our methods of operation. Furthermore, some of our business licenses are for fixed periods and must be renewed from time to time. Renewal of such permits is not certain and may be made contingent on additional environmental, health and safety conditions and costs. If we were to violate or become liable under environmental, health and safety laws and regulations, including with respect to our manufacture, testing or handling of munitions and explosives, as a result of our inability to obtain permits, human error, accident, equipment failure or other causes, we could be subject to fines, costs, civil or criminal sanctions, face property damage or personal injury claims or be required to incur substantial investigation or remediation costs, which could cause disruptions in our operations and have a material adverse effect on our business.

Our future success depends on our ability to develop new offerings and technologies. The markets we serve are characterized by rapid changes in technologies and evolving industry standards. In addition, some of our systems and products are installed on platforms that may have a limited life or become obsolete. Unless we develop new offerings or enhance our existing offerings we may be susceptible to loss of market share resulting from the introduction of new or enhanced offerings by competitors. Accordingly, our future success will require that we:

- identify emerging technological trends;
- identify additional uses for our existing technology to address customer needs;
- develop and maintain competitive products and services;
- add innovative solutions that differentiate our offerings from those of our competitors;
- bring solutions to the market quickly at cost-effective prices;
- develop working prototypes as a condition to receiving contract awards; and
- structure our business, through joint ventures, teaming agreements and other forms of alliances, to reflect the competitive environment.

We will need to invest significant financial resources to pursue these goals, and there can be no assurance that adequate financial resources will continue to be available to us for these purposes. We may experience difficulties that delay or prevent our development, introduction and marketing of new or enhanced offerings, and such new or enhanced offerings may not achieve adequate market acceptance. Moreover, new technologies or changes in industry standards or customer requirements could render our offerings obsolete or unmarketable. Any new offerings and technologies are likely to involve costs and risks relating to design changes, the need for additional capital and new production tools, satisfaction of customer specifications, adherence to delivery schedules, specific contract requirements, supplier performance, customer performance and our ability to predict program costs. New products may lack sufficient demand or experience technological problems or production delays. Our customers frequently require demonstration of working prototypes prior to awarding contracts for new programs or require short delivery schedules which may cause us to purchase long-lead items or material in advance of receiving the contract award. Moreover, due to the design complexity of our products, we may experience delays in developing and introducing new products. Such delays could result in increased costs and development efforts, deflect resources from other projects or increase the risk that our competitors may develop competing technologies that gain market acceptance in advance of our products. If we fail in our new product development efforts, or our products or services fail to achieve market acceptance more rapidly than the products or services of our competitors, our ability to obtain new contracts could be negatively impacted. Any of the foregoing costs and risks could have a material adverse impact on our business, results of operations, financial condition and cash flow.

Our business depends on proprietary technology that may be infringed. Many of our systems and products depend on our proprietary technology for their success. Like other technology-oriented companies, we rely on a combination of patents, trade secrets, copyrights and trademarks, together with non-disclosure agreements, confidentiality provisions in sales, procurement, employment and other agreements and technical measures to establish and protect proprietary rights in our products. Our ability to successfully protect our technology may be limited because:

- intellectual property laws in certain jurisdictions may be relatively ineffective;
- detecting infringements and enforcing proprietary rights may divert management's attention and company resources;
- contractual measures such as non-disclosure agreements and confidentiality provisions may afford only limited protection;
- our patents may expire, thus providing competitors access to the applicable technology;
- competitors may independently develop products that are substantially equivalent or superior to our products or circumvent our intellectual property rights; and
- competitors may register patents in technologies relevant to our business areas.

In addition, various parties may assert infringement claims against us. The cost of defending against infringement claims could be significant, regardless of whether the claims are valid. If we are not successful in defending such claims, we may be prevented from the use or sale of certain of our products, liable for damages and required to obtain licenses, which may not be available on reasonable terms, any of which may have a material adverse impact on our business, results of operation or financial condition.

Funding obligations to our pension plans could reduce our liquidity. Funding obligations for certain of our pension plans are impacted by the performance of the financial markets and interest rates. When interest rates are low, or if the financial markets do not provide expected returns, we may be required to make additional contributions to these pension plans. Volatility in the equity markets or actuarial changes in mortality tables can change our estimate of future pension plan contribution requirements. See Item 18. Financial Statements – Notes 2S and 17.

We face currency exchange risks. We generate a substantial amount of our revenues in currencies other than the U.S. dollar (our financial reporting currency), mainly New Israeli Shekels (NIS), Great Britain Pounds (GBP), Euros, Brazilian reals, Australian dollars and Indian rupees, and we incur a substantial amount of our expenses in currencies other than the U.S. dollar, mainly NIS. To the extent we derive our revenues or incur our expenses in currencies other than the U.S. dollar, we are subject to exchange rate fluctuations between the U.S. dollar and such other currencies. For example, we could be negatively affected by exchange rate changes during the period from the date we submit a price proposal until the date of contract award or until the date(s) of payment. Certain currency derivatives we use to hedge against exchange rate fluctuations may not fully protect against sharp exchange rate fluctuations, and in some cases we may not be able to adequately hedge against all exchange rate fluctuations. In addition, our international operations expose us to the risks of price controls, restrictions on the conversion or repatriation of currencies, or even devaluations or hyperinflation in the case of currencies issued by countries with unstable economies. All of these currency-related risks could have a material adverse effect on our financial condition and financial results. See below “Risks Related to Our Israeli Operations – Changes in the U.S. Dollar – NIS Exchange Rate” and Item 5. Operating and Financial Review and Prospects – Impact of Inflation and Exchange Rates.

We sometimes have risks relating to financing for our programs. A number of our major projects require us to arrange, or to provide, guarantees in connection with the customer’s financing of the project. These include commitments by us as well as guarantees provided by financial institutions relating to advance payments received from customers. Customers typically have the right to draw down against advance payment guarantees in the event we default under the applicable contract. In addition, some customers require that contract payment periods be extended for a number of years, sometimes beyond the period of contract performance. We may face difficulties in issuing guarantees or providing financing for our programs, including in cases where a customer encounters impaired ability to continue to comply with extended payment terms. Moreover, our balance sheet could reflect increased leverage if we were required to provide significant financing for our programs. See Item 4. Information on the Company – Financing Terms.

We are subject to buy-back obligations. A number of our international programs require us to meet “buy-back” obligations. See Item 5. Operating and Financial Review and Prospects – Off Balance Sheet Transactions. If we, or the local companies we contract with, become unable to meet such obligations, we may be subject to contractual penalties, and our chances of receiving further business from the applicable customers could be impaired.

We could be adversely affected if we are unable to retain key employees. Our success depends in part on key management, scientific and technical personnel and our continuing ability to attract and retain highly qualified personnel. There is competition for the services of such personnel. The loss of the services of key personnel, and the failure to attract highly qualified personnel in the future, may have a negative impact on our business. Moreover, our competitors may hire and gain access to the expertise of our former employees.

We may face labor relations disputes or not be able to amend collective bargaining agreements in a timely manner. We are party to collective bargaining agreements that cover a substantial number of our employees, which number could increase, for example, as a result of future acquisitions of companies. We have faced and may in the future face attempts to unionize additional parts of our organization. Disputes with trade unions or other labor relations difficulties, as well as failure to timely amend or extend collective bargaining agreements, could lead to worker disputes, slow-downs, strikes and other measures, which could negatively impact our results of operations.

Our effective tax rate may be subject to fluctuations. Our worldwide effective tax rate could fluctuate as a result of several factors, many of which are outside of our control, including: (i) changes in the mix of revenues and income we derive from the jurisdictions where we operate that have different statutory tax rates; (ii) amendments to tax laws and regulations and changes in interpretations in the jurisdictions where we operate; and (iii) tax assessments, including any related tax interest or penalties, which could significantly affect our income tax expense for the period in which the assessments take place. In addition, our tax returns are periodically audited or subject to review by tax authorities in the various jurisdictions in which we operate around the world. Increases in our effective tax rates from the above factors could have a material adverse effect on our financial results and cash flow.

The Organization for Economic Cooperation and Development has introduced the base erosion and profit shifting (BEPS) project. The BEPS project contemplates changes to numerous international tax principles, as well as national tax incentives, and these changes, if adopted by individual countries, could adversely affect our provision for income taxes.

Recently enacted tax legislation in the United States may impact our business. On December 22, 2017, the U.S. President signed Public Law No. 115-97, informally titled the Tax Cuts and Jobs Act (the Tax Act). The Tax Act provides for significant and wide-ranging changes to the U.S. Internal Revenue Code. Among a number of significant changes to the current U.S. federal income tax rules, the Tax Act reduced the marginal U.S. corporate income tax rate from 35% to 21%, limited the deduction for net interest expense, shifted the United States toward a more territorial tax system and imposed new taxes to combat erosion of the U.S. federal income tax base. Our financial statements since the enactment of the Tax Act reflect the effects of the Tax Act based on current guidance. However, there are uncertainties and ambiguities in the application and interpretation of certain provisions of the Tax Act, and as a result we made certain judgments and assumptions in the interpretation thereof. The U.S. Treasury Department and the U.S. Internal Revenue Service may issue further guidance on how the provisions of the Tax Act will be applied or otherwise administered that differs from our current interpretation. In addition, the Tax Act could be subject to potential amendments and technical corrections, any of which could materially lessen or increase certain adverse impacts of the legislation on us. As we further analyze the impact of the Tax Act and collect relevant information, we may make adjustments to the provisional amounts.

Our share price may be volatile and may decline. Numerous factors, some of which are beyond our control and unrelated to our operating performance or prospects, may cause the market price of our ordinary shares to fluctuate significantly. Factors affecting market price include, but are not limited to: (i) variations in our operating results and ability to achieve our key business targets; (ii) sales or purchases of large blocks of stock; (iii) changes in securities analysts' earnings estimates or recommendations; (iv) differences between reported results and those expected by investors and securities analysts; and (v) changes in our business including announcements of new contracts by us or by our competitors. In addition, we could be subject to securities class action litigation following periods of volatility in the market price of our ordinary shares.

Other general factors and market conditions that could affect our stock price include changes in: (i) the market's perception of our business; (ii) the businesses, earnings estimates or market perceptions of our competitors or customers; (iii) the outlook for the defense and homeland security industries; (iv) general market, economic or health conditions unrelated to our performance; (v) the legislative or regulatory environment; (vi) government defense spending or appropriations; (vii) military or defense activities worldwide; (viii) the level of national or international hostilities; and (ix) the general geo-political environment.

We have a major shareholder with significant influence over certain matters requiring shareholder approval. Federmann Enterprises Ltd. (FEL) owns approximately 44.3% of our ordinary shares, directly and indirectly. Therefore, subject to shareholder approval special majority requirements under the Companies Law and our Articles of Association, FEL may have significant influence over the outcome of certain matters requiring shareholder approval, including the election of directors who are not External Directors. Michael Federmann, who serves as the chair of our board of directors, is (through entities in his control) the controlling shareholder of FEL, and he is also the chair of the board and the chief executive officer of FEL. Therefore, Mr. Federmann controls, directly and indirectly, the vote of ordinary shares owned by FEL. See below - Item 6. Directors, Senior Management and Employees - Board Practices - Appointment of Directors and - External Directors and Item 10. Additional Information - Approval of Certain Transactions and - Provisions Relating to Major Shareholders.

We have risks related to our issuance of Series A Notes under an Israeli debt offering. We face various risks relating to our issuance of Series A Notes (the Notes). See Items 5. Operating and Financial Review and Prospects - Liquidity and Capital Resources - Israeli Debt Offering. This includes the risk that we may not be able to maintain in the future the rating level assigned to the Notes.

We have risks related to the inherent limitations of internal control systems. We are subject to a range of requirements relating to internal controls over financial reporting, including those of the U.S. Sarbanes-Oxley Act of 2002. Despite our internal control measures, we may still be subject to financial reporting errors or even fraud, which may not be detected. A control system, which is increasingly based on computerized processes, no matter how well conceived and operated, can provide only reasonable, not absolute, assurance that its objectives are met. In addition, the benefit of each control must be considered relative to its cost, and the design of a control system must reflect such reasonable resource constraints. Implementation of changes or updates to our control systems may encounter unexpected difficulties. These inherent limitations include the realities that judgments in decision-making can be faulty and that breakdowns can occur because of simple error or mistake. Further, controls can be circumvented by individual acts, by collusion of two or more persons or by management override of the controls. Over time, a control may be inadequate because of changes in conditions or the degree of compliance with applicable policies or procedures may deteriorate. See Item 15. Controls and Procedures. Failure to maintain effective internal controls could adversely affect our financial results as well as lead to investigations or sanctions by regulatory authorities.

Risks Related to Our Israeli Operations

Conditions in Israel and the Middle East may affect our operations. Political, economic and military conditions in Israel and the Middle East directly affect our operations. Since the establishment of the State of Israel, a number of armed conflicts have taken place between Israel and its Arab neighbors. An ongoing state of hostility, varying in degree and intensity, has caused security and economic problems for Israel. We cannot predict whether or when such armed conflicts or other hostilities may occur or the extent to which such events may impact us. Political, economic and military conditions in Israel and the Middle East could have a material adverse effect on our business, financial condition, results of operations and future growth.

Political relations could limit our ability to sell or buy internationally. We could be adversely affected by the interruption or reduction of trade between Israel and its trading partners. Some countries, companies and organizations continue to participate in a boycott of Israeli firms, other firms doing business with Israel as well as Israeli-owned companies operating in other countries. Also, over the past several years there have been calls in various countries and international organizations to reduce trade with Israel. Foreign government defense export policies towards Israel could also make it more difficult for us to obtain the export authorizations necessary for our activities. See above “General Risks Related to Our Business and Market.” There can be no assurance that restrictive laws, policies or practices directed towards Israel or Israeli businesses will not have an adverse impact on our business.

Reduction in Israeli government spending or changes in priorities for defense products may adversely affect our earnings. The Israeli government may reduce its expenditures for defense items or change its defense priorities in the coming years. In addition, the Israeli defense budget may be adversely affected if there is a reduction in U.S. foreign military assistance. See above “General Risks Related to Our Business and Market.” Any of the foregoing circumstances could have an adverse effect on our operations.

Extended periods without a coalition government could adversely affect the Israeli defense budget. Over the last year Israel has undergone three elections and has been without a coalition government. This has negatively impacted the ability of the IMOD to adopt a new budget, enter into new programs and make timely payments to its suppliers, which in turn could adversely affect our operations in Israel and our financial results.

Israel’s economy may become unstable. From time to time Israel’s economy may experience inflation or deflation, low foreign exchange reserves, fluctuations in world commodity prices, military conflicts and civil unrest. For these and other reasons, in the past the government of Israel has intervened in the economy employing fiscal and monetary policies, import duties, foreign currency restrictions, controls of wages, prices and foreign currency exchange rates and regulations regarding the lending limits of Israeli banks to companies considered to be in an affiliated group. The Israeli government has periodically changed its policies in these areas. Reoccurrence of previous destabilizing factors could make it more difficult for us to operate our business as we have in the past and could adversely affect our business.

Israeli government programs and tax benefits may be terminated or reduced in the future. We participate in programs of the Israel Innovation Authority and the Israel Investment Center, for which we receive tax and other benefits as well as funding for the development of technologies and products. See Item 4. Information on the Company – Conditions in Israel – Israel Innovation Authority and Investment Center Funding. If we fail to comply with the conditions applicable to these programs, we may be required to pay additional taxes and penalties or make refunds and may be denied future benefits. From time to time, the government of Israel has discussed reducing or eliminating the benefits available under these programs, and therefore these benefits may not be available in the future at their current levels or at all.

Israeli law may delay, prevent or impact acquisition of our controlling interest. Israeli legislation regarding the domestic defense industry requires Israeli government approval of an acquisition of a 25% or more equity interest (or a smaller percentage that constitutes a “controlling interest”) in companies such as Elbit Systems. Such approval may be subject to additional conditions relating to transfers of ownership. This could limit the ability of a potential purchaser to acquire a significant interest in our shares. Such restrictive conditions can also apply to Israeli defense companies we acquire, such as IMI. See Item 4. Information on the Company – Governmental Regulation – Approval of Israeli Defense Acquisitions. In addition, the Israel Companies Law regulates mergers, requires tender offers for acquisitions of shares above specified thresholds, requires special approvals for transactions involving directors, officers or significant shareholders and regulates other matters that may be relevant to these types of transactions. These provisions could delay, prevent or impede an acquisition of us, even if such an acquisition would be considered beneficial by some of our shareholders.

Israel has stringent export control regulations. Israeli law regulates the export of defense products and systems and “dual use” items (items that are typically sold in the commercial market but that may also be used in the defense market). If government approvals required under these laws and regulations are not obtained, or if authorizations previously granted are not renewed or canceled, our ability to export our products from Israel could be negatively impacted, thus causing a reduction in our revenues and a potential material negative impact on our financial results. See Item 4. Information on the Company – Governmental Regulation – Israeli Export Regulations.

Being a foreign private issuer exempts us from certain SEC requirements. As a foreign private issuer within the meaning of rules promulgated under the U.S. Securities and Exchange Act of 1934 (the Exchange Act), we are exempt from certain Exchange Act rules and requirements that apply to U.S. public companies, including: (i) the requirement to file with the SEC quarterly reports on Form 10-Q and current reports on Form 8-K; (ii) rules regulating the solicitation of proxies in connection with shareholder meetings; (iii) Regulation FD prohibiting selective disclosures of material information; and (iv) rules requiring insiders to disclose stock ownership and trading activities and establishing liability for profits realized from “short-swing” trading transactions (i.e., a purchase and sale, or sale and purchase, of the issuer’s equity securities within less than six months). Because of the foregoing, our shareholders may receive less information about our company and trading in our shares by our affiliates than would be provided to shareholders of a domestic U.S. company, and our shareholders may be afforded less protection under the U.S. federal securities laws than would be afforded to shareholders of a domestic U.S. company.

We may rely on certain Israel “home country” corporate governance practices which may not afford stockholders the same protection afforded to shareholders of U.S. companies. As a foreign private issuer Elbit Systems is permitted to follow, and in certain instances (as described below) has followed, home country corporate governance practices instead of certain practices otherwise required under the Listing Rules of the NASDAQ Stock Market for domestic U.S. issuers. As described in Item 16G. Corporate Governance, in 2018 we informed NASDAQ that we have elected to follow certain procedures permitted under the Israeli Companies Law instead of the Nasdaq Listing Rules, which require a listed company to obtain shareholder approval for the establishment of an equity-based compensation plan. Under this “home country practice” exception provided in Nasdaq rules for foreign private issuers, we could in the future elect to follow home country practices in Israel with regard to a broad range of other corporate governance matters. Following our home country governance practices, as opposed to the requirements that would otherwise apply to a United States company listed on Nasdaq, may provide less protection than is accorded to investors under the Listing Rules of the Nasdaq Stock Market applicable to domestic U.S. issuers. See Item 16G - Corporate Governance.

Many of our employees and some of our officers are obligated to perform military reserve duty in Israel. Generally, Israeli adult male and certain female citizens and permanent residents are obligated to perform annual military reserve duty up to a specified age. They also may be called to active military duty at any time under emergency circumstances. These military service obligations could have a disruptive impact on our workforce.

It may be difficult to enforce a non-Israeli judgment against us, our officers and directors. We are incorporated in Israel. Our executive officers and directors and our outside auditors are not residents of the United States, and a substantial portion of our assets and the assets of these persons are located outside the United States. Therefore, it may be difficult for an investor, or any other person or entity, to enforce against us or any of those persons in an Israeli court a U.S. court judgment based on the civil liability provisions of the U.S. federal securities laws. It may also be difficult to effect service of process on these persons in the United States. Also, it may be difficult for an investor, or any other person or entity, to enforce civil liabilities under U.S. federal securities laws in original actions filed in Israel. See below – Item 4. Information on the Company – Conditions in Israel – Enforcement of Judgments.

Item 4. Information on the Company.

Business Overview

Major Activities

We are an international high technology company engaged in a wide range of programs throughout the world, primarily in the defense and homeland security arenas. We develop and supply a broad portfolio of airborne, land and naval systems and products for defense, homeland security and commercial applications. Our systems and products are installed on new platforms, and we also perform comprehensive platform modernization programs. In addition, we provide a range of support services.

Our major activities include:

- military aircraft and helicopter systems;
- commercial aviation systems and aerostructures;
- unmanned aircraft systems and unmanned surface vessels;
- electro-optic, night vision and countermeasures systems;
- land vehicle systems;
- munitions;
- command, control, communications, computer, intelligence, surveillance and reconnaissance (C4ISR) and cyber systems;
- electronic warfare and signal intelligence systems; and
- other commercial activities.

Many of these major activities have a number of common and related elements. Therefore, certain of our subsidiaries, divisions or other operating units often jointly conduct marketing, research and development, manufacturing, performance of programs, sales and after sales support among these major activities.

Principal Market Environment

There have been recent increased budgetary allocations in the defense and homeland security areas in the U.S. and certain European and Asia-Pacific countries, but reduced budgetary allocations in certain Latin American and other countries. The nature of military and homeland security actions in recent years, including low intensity conflicts and ongoing terrorist activities, tensions with countries such as Iran and North Korea, as well as budgetary pressures to focus on leaner but more technically advanced forces, has shifted defense and homeland security priorities for many of our major customers. As a result we believe there is an increasing demand for technological solutions that incorporate artificial intelligence, Big Data analytics and information assurance, as well as a continued demand in the areas of C4ISR systems, cyber-defense systems, network centric information systems, intelligence gathering systems, border and perimeter security systems, unmanned aircraft systems (UAS), unmanned surface vessels (USVs), remote controlled systems, precision munitions, vehicle survivability and protection systems, space and satellite based defense capabilities and homeland security solutions. Moreover, there is a continuing demand for cost effective logistic support and training and simulation services. We believe our synergistic approach of finding solutions that combine elements of our various activities positions us to meet evolving customer requirements in many of these areas.

We tailor and adapt our technologies, integration skills, market knowledge and operationally-proven systems to each customer's requirements in both existing and new platforms. By upgrading existing platforms with advanced technologies, we provide customers with cost-effective solutions, and our customers are able to improve their technological and operational capabilities within limited budgets. Our experience in providing "systems of systems" enables us to provide overall solutions in a range of areas to meet our customers' comprehensive defense, homeland security and safety needs.

Company History

Our predecessor Elbit Ltd. was incorporated in Israel in 1966 as Elbit Computers Ltd. Elbit Systems was formed in 1996, as part of the Elbit Ltd. corporate demerger, under which Elbit Ltd.'s defense related assets and business were spun-off to us.

Elbit Systems Ltd. is a corporation domiciled and incorporated in Israel where we operate in accordance with the provisions of the Israeli Companies Law – 1999 (the Companies Law).

Trading Symbols, Address and Website

Our shares are traded on the Nasdaq Global Select Market (Nasdaq), under the symbol “ESLT”, and on the Tel-Aviv Stock Exchange (TASE).

Our main offices are in the Advanced Technology Center, Haifa 3100401, Israel, and our main telephone number at that address is 972-77-2945315. Our principal offices in the United States are the headquarters of Elbit Systems of America, LLC at 4700 Marine Creek Parkway, Fort Worth, Texas 76179-6969, and the main telephone number at that address is 817-234-6799.

Our website home page is www.elbitsystems.com. We make our website content available for informational purposes only. It should not be relied upon for investment purposes, nor is it incorporated by reference in this annual report on Form 20-F.

Revenues

The table below shows our consolidated revenues by major areas of operations for the years ended December 31, 2017, 2018 and 2019:

	2017	2018	2019
	(U.S. dollars in millions)		
Airborne systems	\$ 1,272	\$ 1,470	\$ 1,617
C4ISR systems	1,145	1,130	1,162
Land systems	504	649	1,228
Electro-optic systems	341	334	374
Other (mainly non-defense engineering and production services)	116	101	127
Total	<u>\$ 3,378</u>	<u>\$ 3,684</u>	<u>\$ 4,508</u>

The following table provides our consolidated revenues by geographic region, expressed as a percentage of total revenues for the years ended December 31, 2017, 2018 and 2019:

	2017	2018	2019
	(U.S. dollars in millions)		
Israel	22%	20%	24%
North America	25%	27%	28%
Europe	23%	20%	18%
Asia-Pacific	20%	21%	23%
Latin America	6%	5%	4%
Others	5%	7%	3%

Subsidiary Organizational Structure

Our beneficial ownership interest in our major subsidiaries is set forth in Exhibit 8 to this annual report. Our equity and voting interests in these entities are the same as our beneficial ownership interests.

Below is a general description of our major subsidiaries, each of which is wholly-owned. We also have other smaller subsidiaries and investee companies in Israel, Europe, North America, South America and Asia-Pacific that conduct marketing, engineering, manufacturing, logistic support and other activities, principally in the subsidiary's local market. Our subsidiaries generally operate across our major areas of activities often in collaboration with other subsidiaries.

Elbit Systems of America

Elbit Systems of America, LLC (Elbit Systems of America), a Delaware limited liability company, and its subsidiaries provide products and systems solutions focusing on U.S. military, homeland security, medical instrumentation and commercial aviation customers. Elbit Systems of America and its subsidiaries have operational facilities in Fort Worth, Texas, San Antonio, Texas, Merrimack, New Hampshire, Talladega, Alabama, Roanoke, Virginia and Boca Raton, Florida. The Roanoke, Virginia facility includes the activities of Elbit Systems of America - Night Vision, which was acquired by Elbit Systems of America in September 2019. See below "Mergers, Acquisitions and Divestitures". Elbit Systems of America also has a 50% interest in a joint venture with Collins Aerospace, a unit of United Technologies Corp., which is engaged in the area of helmet mounted display systems for fixed-wing military and para-military aircraft.

Elbit Systems of America acts as a contractor for U.S. Foreign Military Financing (FMF) and Foreign Military Sales (FMS) programs. See below "Governmental Regulations – Foreign Military Financing". Each of Elbit Systems of America's operational facilities has engineering and manufacturing capabilities. Elbit Systems of America's manufacturing facilities in Alabama, Texas, New Hampshire and Virginia also have significant maintenance and repair capabilities. See below "Manufacturing" and "Customer Satisfaction and Quality Assurance".

Elbit Systems of America, Elbit Systems and intermediate Delaware holding company subsidiaries are parties to a Special Security Agreement (SSA) with the DoD. The SSA provides the framework for controls and procedures to protect classified information, controlled unclassified information and export controlled data. The SSA allows the Elbit Systems of America companies to participate in classified U.S. government programs even though, due to their ownership by Elbit Systems, the Elbit Systems of America companies are considered to be under the control of a non-U.S. interest. Under the SSA, a Government Security Committee of Elbit Systems of America's board of directors was permanently established to supervise and monitor compliance with Elbit Systems of America's export control and national security requirements. The SSA also requires Elbit Systems of America's board of directors to include outside directors who have no other affiliation with the Company. Elbit Systems of America's board of directors also includes an officer of Elbit Systems of America and up to two inside directors, who have other affiliations with the Company. The SSA requires outside directors and officers of the Elbit Systems of America companies who are directors, and certain other senior officers, to be U.S. resident citizens and eligible for DoD personnel security clearances.

C4I and Cyber. Headquartered in Netanya, Israel, Elbit Systems C4I and Cyber Ltd. (C4I and Cyber) is engaged in the worldwide market for C4ISR systems, cyber intelligence solutions, homeland security solutions, data links and radio communication systems and equipment.

Elisra. Based in Holon, Israel, Elbit Systems EW and SIGINT – Elisra Ltd. (Elisra) provides a wide range of electronic warfare (EW) systems, signal intelligence (SIGINT) systems and C4ISR technological solutions for the worldwide market.

Elop. Based in Rehovot, Israel, Elbit Systems Electro-Optics Elop Ltd. (Elop) designs, engineers, manufactures and supports a wide range of electro-optic systems and products mainly for defense, space and homeland security applications for customers worldwide.

ELS. Headquartered in Ramat HaSharon, Israel, Elbit Systems Land Ltd. (ELS) is engaged in the design and manufacture of land-based systems and products for armored and other military vehicles, artillery and mortar systems. Following the acquisition of IMI Systems Ltd. (IMI) in November 2018, ELS also is engaged in the design and manufacture of a wide range of precision munitions for land, air and sea applications as well as armored vehicle survivability and protection systems for defense and homeland security applications.

Merger, Acquisitions and Divestitures

Part of our growth strategy includes our continued activity in mergers and acquisitions and joint ventures with respect to businesses, assets and complementary technologies both in Israel and internationally. The Company's structure often enables us to benefit from the synergy of our overall capabilities while at the same time focus on local requirements.

During 2019, we continued to invest resources in these activities including investing in, and the acquisition of, companies and businesses in Israel and North America. See Item 18. Financial Statements - Notes 1C and 6. We continue to actively pursue acquisition and investment opportunities that meet our strategic goals and acquisition criteria in key markets.

In September 2019, Elbit Systems of America completed the acquisition of the night vision business of L3Harris Technologies (the Night Vision Business) for a purchase price of approximately \$351.5 million. Located in Roanoke, Virginia, the Night Vision Business is engaged in the development, production and supply of night vision technology for the U.S. and allied military and security forces and for the U.S. federal homeland security market. Following the acquisition, the Night Vision Business operates as Elbit Night Vision. The acquisition of the Night Vision Business was pursuant to an asset purchase agreement containing customary provisions, including representations, warranties and indemnities, dated as of April 4, 2019, between L3Harris Technologies (as successor to Harris Corporation), Eagle Technology, LLC (a subsidiary of L3Harris), Elbit Systems of America and Elbit Systems Ltd.

We continue to evaluate our holdings and from time to time pursue divestiture of businesses that are not considered to be core to our strategy.

Current Business Operations

We generally operate and manage the major activities described below in an interrelated manner and on a project-oriented basis. This means that contracts are frequently performed by more than one operating subsidiary or division within the Company, on the basis of the multiple skills, technologies and available resources that may be needed or appropriate for the contract. Thus, the involvement of a particular operating subsidiary or division in the performance of a contract is not a function of management's review of such subsidiary's or division's operating results for purposes of allocation of resources within the Company.

Military Aircraft and Helicopter Systems

We supply advanced airborne systems and products to leading military aircraft manufacturers and end users designed to enhance operational capabilities and extend aircraft life cycles. Our airborne systems provide a range of solutions from a single sensor to an entire cockpit avionics suite. We integrate our systems on fixed and rotary-wing, eastern and western, new and mature aircraft. Under our aircraft and helicopter upgrade programs, we integrate advanced electronic, communication, navigation, electro-optic and EW systems. We support life cycle extension of our customers' fleets and supply logistic support services for airborne platforms, including repair and maintenance centers, spare parts, training and operation of flight schools.

Our military fixed-wing aircraft and helicopter systems and products include a broad range of avionic systems, such as integrated flight deck systems, mission management computers, displays, digital maps and digital recorders. Our portfolio also includes airborne electro-optic systems such as head-up displays, airborne intelligence gathering systems, precision guidance systems, aircraft structural components, nano-satellites and a range of aircraft tactical, virtual, appended and embedded trainers and simulators.

We design and supply advanced helmet mounted systems (HMS), including helmet mounted displays for fixed-wing aircraft and rotary aircraft pilots. These systems and displays include tracking and display systems for day and night flying. Our systems measure the pilot's line-of-sight, slave applicable systems to the target, identify target location and bring displays to the pilot's eye level. We supply our HMS as part of our upgrade programs and on a stand-alone basis. Through our 50% joint venture with Collins Aerospace (see above "Subsidiary Organizational Structure – Elbit Systems of America"), we are a leader in HMS for fighter aircraft.

The customers and end users for our military fixed-wing aircraft and helicopter programs include a wide range of air forces and other governmental defense and homeland security forces worldwide, as well as major fixed-wing aircraft and helicopter manufacturers.

Commercial Aviation Systems and Aerostructures

We provide a range of systems and products for the commercial and business aviation market that are employed on fixed-wing aircraft and commercial helicopters. We also produce aerostructure products that are installed on commercial aircraft. Our portfolio of systems in the business aviation, commercial helicopter and air transport areas includes full avionic suites, enhanced flight vision products and various other avionics products such as display, communication and flight management systems. In addition we provide aerostructure products such as pressurized and non-pressurized doors, composite beams and winglets. Customers for our business aviation, air transport and commercial helicopters systems and products include major fixed-wing aircraft and helicopter manufacturers and operators around the world.

UAS (Unmanned Aircraft Systems) and USVs (Unmanned Surface Vessels)

We design and supply integrated UAS (sometimes referred to as remote piloted vehicles or RPVs) for a range of applications and UAS training systems with capabilities to simulate payload performance, malfunctions and ground control station operation. We design and supply command and control ground station elements, engines, data links, stabilized electro-optic payloads and electronic intelligence (ELINT) and communications intelligence (COMINT) payloads that can be adapted for various types of UAS. Our UAS technology has also been applied to our USV activities, where we are developing USVs for a range of naval applications. We perform development, supply, lease and support services and training activities relating to UAS and USVs. Customers for our UAS and USVs include armed forces and other governmental and non-governmental organizations around the world.

Electro-Optic and Countermeasures Systems

We design and manufacture electro-optic-based solutions for space, air, land and sea applications. Our electro-optic products include laser and thermal imaging systems, head-up displays, countermeasure systems and ISR systems, including payloads for space, airborne, naval and land-based missions. Our products in this area also include ground integrated sights and homeland security solutions. We are one of the few companies in the world that has engineering capability and facilities in-house in all major areas of electro-optics. Also, in the space area, we maintain in-house Israel's national space electro-optics infrastructure.

Our portfolio of electro-optic systems and products includes forward looking infrared (FLIR) systems for night observation, laser range-finders and laser radars, stabilized payloads, electro-optic-based ISR systems, directional IR countermeasure (DIRCM) systems as well as multiple vision-enhancing solutions for military forces using image intensifier tubes and systems. We also supply panchromatic and multi-spectral cameras and telescopes for space applications. In the homeland security area our electro-optic products and systems include surveillance systems, safe city projects, facility perimeter security products, electronic fences, fiber optic intrusion detection systems and transportation protection systems. Our customers include armed forces of numerous governments, major defense contractors, homeland security agencies, critical infrastructure authorities and owners of VIP aircraft.

Land Vehicle Systems

We upgrade and modernize tanks, other combat vehicles and artillery platforms, both as a prime contractor and as a systems supplier to leading platform manufacturers. Our land vehicle and platform solutions cover the entire combat vehicle spectrum, from complete modernization, to system supply to maintenance depots and life cycle support services. Our systems are operational on a full range of tracked and wheeled combat vehicles including main battle tanks, medium and light tanks, light armored vehicles, armored personnel carriers, wheeled vehicles and artillery platforms. We develop and supply cutting edge armored vehicle survivability and protection systems. We offer a range of artillery and mortar solutions. We also develop and supply unmanned ground vehicles and robotic devices for a variety of land based missions. In addition, we supply training systems for tanks and fighting vehicles.

Our portfolio of systems and products for land vehicles includes fire control systems, electric gun and turret drive systems, laser warning and threat detection systems, survivability and protection systems, manned and unmanned turrets, remote controlled weapon stations (for land and naval platforms), unmanned ground vehicles, combat vehicle C4I systems, targeting systems, artillery gun and mortar systems, driver thermal vision systems, life support systems, auxiliary power units and hydraulic systems. We are engaged in land vehicle systems programs, from comprehensive vehicle modernization programs, to standalone system supply to vehicle manufacturers to life cycle support programs. Customers for our land vehicle systems include armed forces and homeland security agencies, as well as major military vehicle manufacturers around the world.

Munitions

Principally through IMI, we develop and manufacture a diverse range of advanced munitions for land, air and sea applications for defense and homeland security forces. Our munitions portfolio includes precision guided rockets, long-range precise air-to-ground missiles, high penetration bombs and an array of high performance ammunition solutions for artillery, tanks and mortars. We also manufacture a full range of small caliber ammunition for the defense, homeland security and law enforcement markets. In addition, we produce chaff and flame products to protect aircraft against the threat of air-to-air and anti-aircraft heat-seeking missiles. Customers for our munitions products include armed forces and homeland security agencies around the world.

C4I and Cyber Systems

We produce land, airborne and naval C4I and cyber intelligence systems providing networked combat solutions ranging from the lower combat echelons up to the highest command levels. We supply our systems as part of turn-key solutions as well as on a standalone basis. Our solutions cater to all types of military combatants as well as to homeland security forces and first responders, and can be integrated into military and other types of land, air and sea platforms, providing comprehensive net-centric solutions for low intensity conflicts, counter-terror activities and other types of military challenges. We provide a wide range of advance communications and network solutions for land, navy and air force applications, supporting a full range of military video, data and voice network needs. Our systems provide cyber intelligence solutions to diverse law enforcement agencies and intelligence organizations as well as cyber solutions to the defense and homeland security domains.

Our portfolio of systems and products in the C4ISR area includes Digital Army “system of systems” for net-centric connectivity throughout a multi-domain battlefield and which support joint operations for all force echelons. Our portfolio also includes battle management systems, observation and ground reconnaissance systems, ruggedized computing for platforms and soldiers, software design kits for mapping capabilities, ground smart display units, military IT systems and tactical battle company training systems. In the cyber intelligence area we supply a comprehensive suite of solutions providing intelligence and law enforcement agencies with real-time and actionable intelligence to the operational field. Our communications portfolio includes secured HF, VHF and UHF radio and communication systems and products, software defined radios, integrated radio communication systems, satellite-on-the-move solutions and data link solutions. Our radio and communications portfolio enables deployment of a full military network for the complete range of scenarios and terrain. In the homeland security area, we supply integrated land and coastal border C4I surveillance systems, broadband communication systems, cyber intelligence solutions, border control systems, safe and smart city solutions, emergency and first responders communications systems and homeland security and emergency response training and simulation systems.

We perform programs under which we provide a range of C4I battle management systems, soldier mounted systems and radio and communications systems utilizing our cloud-based open architecture platform, interoperable with a variety of applications and connecting all elements on the network. Our customers include cross-domain forces and a wide range of governmental agencies worldwide.

EW and SIGINT Systems

Our portfolio in the EW and SIGINT areas includes protection, intelligence and communications solutions for air, ground and naval applications. We offer EW self-protection suites, including radio frequency, radar warning receivers and laser warning systems, for all airborne platform types. We also offer IR-based missile warning systems for advanced combat aircraft as well as for other fixed-wing and rotor platforms. In addition, we provide electronic support measures (ESM) solutions for threat identification. We also provide SIGINT systems for tactical and strategic intelligence gathering including ELINT and ECM for naval, ground and airborne applications, COMINT and communication jamming systems, counter improvised explosive devices jamming systems for ground forces and cyber protection capabilities. We also supply radar solutions. In addition, we produce counter-drone systems, and we develop command and control systems and simulators for anti-ballistic missiles. Customers for our EW, SIGINT and COMINT systems include governmental armed forces and homeland security agencies as well as major defense contractors.

Other Commercial Activities

We also engage in a range of technologies for commercial applications and activities. Our current commercial activities, in addition to the activities described under “Commercial Aviation Systems and Aerostructures” above, include, among others, commercial cyber protection products, medical diagnostic equipment, automotive night vision enhancement equipment, smart glasses for sports applications and super capacitor energy sources and fuel cells for transportation applications.

Property, Plant and Equipment

Facilities Owned or Leased by the Company

	Israel ⁽¹⁾	U.S. ⁽²⁾	Other Countries ⁽³⁾
Owned	2,771,000 square feet	1,050,000 square feet	1,078,000 square feet
Leased	6,559,000 square feet	784,000 square feet	568,000 square feet

- (1) Includes offices, development and engineering facilities, manufacturing facilities, maintenance facilities, hangar facilities and landing strips in various locations in Israel. IMI's facilities are located in several facilities throughout Israel, of which 568,289 square feet are owned and 4,245,961 square feet are leased.
- (2) Includes mainly offices, development and engineering facilities, manufacturing facilities and maintenance facilities of Elbit Systems of America, primarily in Texas, New Hampshire, Florida, Alabama and Virginia. The facilities in Texas, New Hampshire, Alabama and Virginia are located on owned land totaling approximately 154 acres. 318,570 square feet of the leased facilities are sublet to a third party. In addition, there is a 942,344 square feet ground lease, of which 629,910 square feet are sublet to a third party. Universal Avionics Systems Corporation's (UASC) facilities are located in Arizona, Washington, Georgia and Kansas, of which 175,000 square feet are owned and 125,000 are leased.
- (3) Includes offices, design and engineering facilities and manufacturing facilities in Europe, Latin America and Asia-Pacific.

Recent Investment in Facilities. Over the last two years the average annual net investment in our facilities, including land and buildings, equipment, machinery and vehicles, amounted to approximately \$120 million. We believe that our current facilities are adequate for our operations as now conducted.

Governmental Regulation

Government Contracting Regulations. We operate under laws, regulations, administrative rules and other legal requirements governing defense and other government contracts, mainly in Israel and the United States. Some of these legal requirements carry major penalty provisions for non-compliance, including disqualification from participating in future contracts. In addition, our participation in governmental procurement processes in Israel, the United States and other countries is subject to specific regulations governing the conduct of the process of procuring defense and homeland security contracts, including increasing requirements in the area of cyber production, information assurance and supply chain assurance.

Israeli Export Regulations. Israel's defense export policy regulates the sale of a number of our systems and products. Current Israeli policy encourages exports to approved customers of defense systems and products such as ours, as long as the export is consistent with Israeli government policy. Subject to certain exemptions, a license is required to initiate marketing activities. We also must receive a specific export license for defense related hardware, software and technology exported from Israel. Israeli law also regulates export of "dual use" items (items that are typically sold in the commercial market but that also may be used in the defense market). In 2019, more than 50% of our revenue was derived from exports subject to Israeli export regulations.

U.S. and Other Export Regulations. Elbit Systems of America's export of defense and dual use products, as well as military technical data and technical services to Israel and other countries is subject to applicable approvals of the U.S. government under the U.S. International Traffic in Arms Regulations (ITAR) and the U.S. Export Administration Regulations (EAR). Such approvals are typically in the form of an export license, and for defense technology or services in the form of a technical assistance agreement (TAA). Other U.S. companies wishing to export defense products or military related services and technology to our Israeli and other non-U.S. entities are also required to obtain such export licenses and TAAs. Such approvals apply to U.S. origin data required by our non-U.S. entities to perform work for U.S. programs or to work with U.S. contractors in third countries. Licenses are also required for Israeli nationals assigned to work in defense-related technical areas at our U.S. affiliated companies. An application for an export license or a TAA requires disclosure of the intended sales of the product and the use of the technology. Pursuant to export control reform initiatives in the U.S., a greater part of Elbit Systems of America's and our U.S. suppliers' activities are becoming subject to control under the EAR, and some of UASC products are subject to export control under the EAR. The U.S. government may deny an export authorization if it determines that a transaction is counter to U.S. policy or national security. Other governments' export regulations also affect our business from time to time, particularly with respect to end user restrictions of our suppliers' governments.

Approval of Israeli Defense Acquisitions

The Israeli Defense Entities Law (Protection of Defense Interests), 5766 - 2006 (the Israeli Defense Entities Law) establishes conditions for the approval of an acquisition or transfer of control of an entity that is determined to be an Israeli "defense entity" under the terms of the law. Designation as a "defense entity" is to occur through an order to be issued jointly by the Israeli Prime Minister, Defense Minister and Economy Minister. Although no such order for Elbit Systems has been issued to date, we believe that Elbit Systems and most of our Israeli subsidiaries will be designated as "defense entities" under such law and that the Israeli Government will issue such an order regarding our applicable Israeli companies. As a condition to our acquisition of IMI in November 2018, the Israel Government issued an order that requires Israeli Government approval in the event of a sale of a controlling interest in IMI. Under separate regulations, Elbit Systems and our major Israeli subsidiaries have been designated as "defense entities" by the Defense Minister with respect to Israeli law governing various other aspects of defense security arrangements.

Orders to be issued under the Israeli Defense Entities Law will also establish other conditions and restrictions. It is anticipated that in the case of a publicly traded company such as Elbit Systems, Israeli government approval will be required for acquisition of 25% or more of the voting securities or a smaller percentage of shares that grant “means of control.” Means of control for purposes of the law include the right to control the vote at a shareholders’ meeting or to appoint a director. Orders relating to defense entities are also anticipated to, among other matters: (1) impose restrictions on the ability of non-Israeli resident citizens to hold “means of control” or to be able to “substantially influence” defense entities; (2) require that senior officers of defense entities have appropriate Israeli security clearances; (3) require that a defense entity’s headquarters be in Israel; and (4) subject a defense entity’s entering into international joint ventures and transferring certain technology to the approval of the IMOD.

Approval of U.S. and Other Defense Acquisitions. Many countries in addition to Israel also require governmental approval of acquisitions of local defense companies or assets by foreign entities. Mergers and acquisitions of defense related and other potentially sensitive businesses in the U.S. are subject to the Foreign Investment Risk Review Modernization Act of 2018 (FIRRMA). Under FIRRMA, our acquisitions of defense related and other potentially sensitive businesses in the U.S. require review, and in some cases approval, by the Committee on Foreign Investment in the United States (CFIUS). In February 2020, new implementing regulations for FIRRMA became effective.

“Buy American” Laws. The U.S. “Buy American” laws impose price differentials or prohibitions on procurement of products purchased under U.S. government programs. The price differentials or prohibitions apply to products that are not made in the United States or that do not contain U.S. components making up at least 50% of the total cost of all components in the product. However, a Memorandum of Agreement between the United States and Israeli governments waives the Buy American laws for specified products, including most of the products currently sold in the United States by Elbit Systems and our Israeli subsidiaries.

Foreign Military Financing (FMF). Elbit Systems of America participates in United States FMF programs. These programs require countries, including Israel, receiving military aid from the United States to use the funds to purchase products containing mainly U.S. origin components. In most cases, subcontracting under FMF contracts to non-U.S. entities is not permitted. As a consequence, Elbit Systems of America generally either performs FMF contracts itself or subcontracts with U.S. suppliers. The U.S. government may authorize the IMOD to utilize a portion of the FMF budget under the United States Subcontracting Procurement (USSP) channel. In such cases, companies such as Elbit Systems or our Israeli subsidiaries, who are acting as the Israeli prime contractor to the IMOD under the NIS funded portion of an IMOD program, are authorized to negotiate and enter into a subcontract directly with a U.S. supplier. However, payment of the funds under a USSP channel subcontract is administered by the IMOD Purchasing Mission to the U.S. Elbit Systems of America also participates in U.S. Foreign Military Sales (FMS) programs.

Procurement Regulations. Solicitations for procurements by governmental purchasing agencies in Israel, the United States and other countries are governed by laws, regulations and procedures such as those relating to procurement integrity, including avoiding conflicts of interest and corruption, and meeting information assurance and cyber-security requirements. Such regulations also include provisions relating to the avoidance of human trafficking and counterfeit parts in the supply chain.

Anti-Bribery/Corruption Regulations. We conduct operations in a number of markets that are considered high risk from an anti-bribery/anti-corruption compliance perspective. Laws and regulations such as the Israel Penal Code, the Organization for Economic Cooperation and Development (OECD) Convention on Combating Bribery of Foreign Public Officials in International Business Transactions, the U.S. Foreign Corrupt Practices Act, the U.K. Bribery Act and corresponding legislation in other countries, prohibit providing personal benefits or bribes to government officials in connection with the governmental procurement process. Israeli defense exporters, such as Elbit Systems, are required to maintain an anti-bribery/corruption compliance program.

Munitions Regulations. Sales of certain types of munitions produced by IMI are subject to various domestic laws and international conventions.

Data Privacy Regulations. Certain data relating to our employees, customers and supply chain that we receive and maintain is subject to data privacy regulations, including those of the European General Data Privacy Regulation.

Audit Regulations. The IMOD audits our books and records relating to its contracts with us. Our books and records and other aspects of projects related to U.S. defense contracts are subject to audit by U.S. government audit agencies. Such audits review compliance with government contracting cost accounting and other applicable standards. If discrepancies are found this could result in a downward adjustment of the applicable contract's price. Some other customers have similar rights under specific regulations or contract provisions.

Antitrust Laws. Antitrust laws and regulations in Israel, the United States and other countries often require governmental approvals for transactions that are considered to limit competition. Such transactions may include the formation of joint venture entities, cooperative agreements for specific programs or areas, as well as mergers and acquisitions.

Civil Aviation Regulations. Several of the products sold by Company entities for commercial aviation applications are subject to flight safety and airworthiness standards of the U.S. Federal Aviation Administration (FAA) and similar civil aviation authorities in Israel, Europe and other countries.

Food and Drug Administration Regulations. Medical products designed and manufactured by Elbit Systems of America's Medical Instruments – KMC Systems business unit are subject to U.S. Food and Drug Administration (FDA) regulations.

Environmental, Health and Safety Regulations. We are subject to a variety of environmental, health and safety laws and regulations in the jurisdictions in which we have operations. This includes regulations relating to air, water and ground contamination, hazardous waste disposal and other areas with a potential environmental, health or safety impact.

Buy-Back

As part of their standard contractual requirements for defense programs, several of our customers include "buy-back" or "offset" provisions. These provisions are typically obligations to make, or to facilitate third parties to make, various specified transactions in the customer's country, such as procurement of defense and commercial products, investment in the local economy and transfer of know-how. For further information about buy-back obligations, see Item 5. Operating and Financial Review and Prospects – Off-Balance Sheet Transactions.

Financing Terms

Types of Financing. There are several types of financing terms applicable to our defense contracts. In some cases, we receive progress payments related to our progress in performing the contract. Sometimes we receive advances from the customer at the beginning, or during the course, of the project, and sometimes we also receive milestone payments for achievement of specific milestones. In some programs we extend credit to the customer, sometimes based on receipt of guarantees or other security. In other situations work is performed before receipt of the payment, which means that we finance all or part of the project's costs for various periods of time. Financing arrangements may extend beyond the term of the contract's performance. In some cases, third parties, such as banks, have recourse to us in the event of a default in payment by our customers. When we believe it is necessary, we seek to protect all or part of our financial exposure by letters of credit, insurance or other measures, although in some cases such measures may not be available.

Advance Payment Guarantees. In some cases where we receive advances prior to incurring contract costs or making deliveries, the customer may require guarantees against advances paid. These guarantees are issued either by financial institutions or by us. We have received substantial advances from customers under some of our contracts. In certain circumstances, such as if a contract is canceled for default and there has been an advance or progress payment, we may be required to return payments to the customer as provided in the specific guarantee. As part of the guarantees we provide to receive progress payments or advance payments, some of our customers require us to transfer to them title in inventory acquired with such payments. See Item 5. Operating and Financial Review and Prospects – General – Long-Term Arrangements and Commitments – Bank and Other Financial Institution Guarantees.

Performance Guarantees. A number of projects require us to provide performance guarantees in an amount equal to a percentage of the contract price. In certain cases we also provide guarantees related to the performance of buy-back obligations. Some of our contracts contain clauses that impose penalties or reduce the amount payable to us if there is a delay or failure in performing in accordance with the contract or the completion of a phase of work, including in some cases during the warranty period. These types of guarantees may remain in effect for a period of time after completion of deliveries under the contract. Such guarantees are customary in defense transactions, and we provide them in the normal course of our business. See Item 5. Operating and Financial Review and Prospects – General – Long-Term Arrangements and Commitments – Bank and Other Financial Institution Guarantees.

Private Finance Initiatives (PFI). Some of our projects operate under PFI financing arrangements where we provide long-term financing arrangements or facilities, with the repayment generally made based on the project's cash flow. PFI projects can be structured in several ways. PFI projects may require us to pledge project-related equity and enter into relatively complex financial and other agreements. Such financing is usually medium or long-term and may be raised either through banks or institutional lenders and carries various financial risks, covenants and exposures. In addition, PFI projects may require us to draw upon our equity base and borrowing capacities and may significantly affect our liquidity and increase our financial leverage. In recent years we have been involved in several PFI-type projects in Israel and Europe, as well as private-public-partnership financing projects, and we expect to continue to participate in such projects.

Intellectual Property

Patents, Trademarks and Trade Secrets. We own hundreds of living patent families including patents and applications registered or filed in Israel, the United States, the European Patent Office and other countries. We also hold dozens of living trademark families relating to specific products. A significant part of our intellectual property assets relates to unique applications of advanced software-based technologies. Some of these applications are protected by patents and others are considered as our trade secrets and proprietary information. We take a number of measures to safeguard our intellectual property against infringement as well as to avoid infringement of other parties' intellectual property. For risks related to our intellectual property see Item 3. Key Information – Risk Factors – General Risks Related to Our Business and Market.

Governmental Customers' Rights in Data. The IMOD usually retains specific rights to technologies and inventions resulting from our performance under contracts for end use by the IMOD or the Israel Defense Forces. This generally includes the right to disclose the information to third parties, including other defense contractors that may be our competitors. When the IMOD funds research and development, it usually acquires rights in the data developed under such funding. We often may retain a non-exclusive license for such inventions. The Israeli government usually is entitled to receive royalties on export sales in relation to sales resulting from government financed development. However, if only the product is purchased without development effort, we normally retain the principal rights to the technology. Sales of our products to the U.S. government and some other customers are subject to similar conditions. Subject to applicable law, regulations and contract requirements, we attempt to maintain our intellectual property rights and provide customers with the right to use the technology only for the specific project under contract.

Licensing. There are relatively few cases where we manufacture under license. Such licenses typically apply to the use of technologies that are the result of collaboration with academic institutions or where we are manufacturing another company's product in accordance with that company's specifications. In such cases, the licensor typically is entitled to royalties or other types of compensation. In some cases where we have acquired business lines we obtain a royalty free license to use the applicable technology for specified applications. We also obtain licenses to use software tools in our engineering and development activities and utilize open source software licenses in projects where such use is appropriate. Occasionally, we license parts of our intellectual property to customers as part of the requirements of a particular contract. We also sometimes license technology to other companies for specific purposes or markets, such as the right to use certain of our intellectual property relating to our training and simulation systems.

Research and Development

We invest in research and development (R&D) according to a long-term plan based on estimated market needs. Our R&D efforts focus on anticipating operational needs of our customers, achieving reduced time to market and increasing affordability. We emphasize improving existing systems and products and developing new ones using emerging or existing technologies.

Our R&D projects relate to defense, homeland security and commercial applications. We perform R&D projects to produce new systems for the IMOD and other customers. These projects give us the opportunity to develop and test emerging technologies. We develop tools for fast prototyping for both the design and development process. Fast prototyping permits the operational team members to effectively specify requirements and to automatically transfer them into software code. We also are engaged in long-term investments in science and technology infrastructure and building blocks, often in collaboration with academic bodies. We employ thousands of software, hardware and systems engineers. In addition, most of our program and business line managers have engineering backgrounds. More than 50% of our total workforce is engaged in research, development and engineering.

Our companies in Israel have collectively been awarded the Israel Defense Prize 26 times, recognizing extraordinary contributions to defense technological innovations.

Our customers, the Israel Innovation Authority in the Ministry of Economy and Industry (formerly Office of Chief Scientist) and other R&D granting authorities sometimes participate in our R&D funding for our Israeli-based companies. Some of our subsidiaries outside of Israel receive funding of certain of their R&D activities from their respective governments. We also invest our own funds in research and development activities. This investment is in accordance with our strategy and plan of operations. The table below shows amounts we invested in R&D activities for the years ended December 31, 2017, 2018 and 2019.

	2017	2018	2019
	(U.S. dollars in millions)		
Total Investment	\$ 301.4	\$ 317.7	\$ 368.7
Less Participation*	(36.3)	(30.3)	(36.9)
Net Investment	\$ 265.1	\$ 287.4	\$ 331.8

* See above “Government Rights in Data” and see below – “Conditions in Israel – Israel Innovation Authority and Investment Center Funding.”

Manufacturing

We manufacture and assemble our systems and products at our operational facilities in Israel, the U.S., Europe, Brazil and Australia and at the facilities of certain of our subsidiaries in other countries. These facilities contain warehouses, electronic manufacturing areas, mechanical workshops, final assembly and test stations with test equipment. We also have supporting infrastructure including fully automated surface mount technology lines and clean rooms for electro-optic components, solid state components integration, environmental testing and final testing, including space simulation and thermal chambers. We also have computerized logistics systems for managing manufacturing and material supply. A number of our manufacturing activities are provided on a shared services basis by several of our in-house centers of excellence.

We also manufacture and assemble composite materials, metal parts and machinery. One of our Israeli subsidiaries has a high technology semiconductor manufacturing facility where it performs electronic integration and assembly of thermal imaging detectors and laser diodes. We also manufacture and repair test equipment.

We manufacture commercial avionics and aircraft components, as well as perform maintenance, repair and overhaul at our U.S. FAA registered facilities in the U.S., Europe and Israel. We also manufacture medical equipment at U.S. FDA registered facilities in the U.S.

Environmental Compliance

As part of overall Company policy, we are committed to environmental, health and safety standards in all aspects of our operations. This includes all regulatory requirements as well as compliance with ISO-14001 and ISO-45001 standards. We also conduct a number of measures on an ongoing basis to promote environmentally friendly operational practices, including measures to reduce electrical, fuel and water consumption and to increase recycling. There are no material environmental issues that affect the Company's use of our facilities. See also "Social Sustainability" below.

Seasonality

Although revenues may sometimes increase towards the end of a fiscal year, no material portion of the Company's business is considered to be seasonal. The timing of revenue recognition is based on several factors. See Item 5. Operating and Financial Review and Prospects – General – Critical Accounting Policies and Estimates – Revenue Recognition.

Supply Chain

We conduct supply chain activities that consist of procurement, logistics and planning at most of our operational facilities. We use a "hybrid" operating model that combines global commodities categories management with divisional supply chain management. This model facilitates leveraging economies of scale, develops centers of excellence and reduces supply chain risks. We generally are not dependent on single sources of supply. We manage our inventory according to project requirements. In some projects, specific subcontractors are designated by the customer. Raw materials used by us are generally available from a range of suppliers internationally, and the prices of such materials are generally not subject to significant volatility. We monitor the on-time delivery and the quality of our contractors and encourage them to continuously improve their performance. We also require our suppliers to adhere to our Supplier Code of Conduct and to comply with a range of procurement compliance standards, including those relating to the avoidance of human trafficking, counterfeit parts and conflict minerals.

Customer Satisfaction and Quality Assurance

We invest in continuous improvement of processes, with emphasis on prevention of deficiencies, to achieve customer satisfaction throughout all stages of our operations. This includes development, design, integration, manufacturing and services for software and hardware, for the range of our systems and products. Our quality teams are involved in assuring compliance with processes and administering quality plans. These activities begin at the pre-contract stage and continue through the customer's acceptance of the product or services.

We also use project management methods such as Kaizen and Lean and are enhancing and expanding such processes on an ongoing basis. Our processes are based on a cutting edge tool case and CAD-CAM tools. This infrastructure, together with well defined development methodology and management tools, assists us in providing high quality and on-time implementation of projects. We are in the process of implementing a "One-ERP" (enterprise resource planning) system, with a goal of consolidating uniform best practices for quality and operations across the organization. We also maintain applicable certifications for our information technology systems.

All Israeli operational sites are certified for one or more of the following: ISO-9001, ISO-90003 for software, AS9100 (certified for revision D and compliant to AQAP requirements), AS9115 for software, ISO-14001, OHSAS 18001, FAA Part 145 and European Aviation Safety Agency (EASA) Part 145 for maintaining civil products and Part 21 G for production of civil products. Most of our operational sites in Israel are also certified for ISO-27001 (Information Security Management System) and for ISO-27032 and ISO-27035 for cyber security. Representatives of our customers generally test our products before acceptance. A number of our customers have authorized us to conduct acceptance testing of our products on their behalf.

Quality certifications applicable to defense products of Elbit Systems of America's operating units include certifications for CMMI Level 3 of the SEI, ISO-9001, AS9100 (certified for revision D) and compliance with NATO AQAP requirements. In the area of commercial aviation Elbit Systems of America's operating units hold EASA certification as well as a variety of FAA certifications including FAA Part 21 approval and FAA Part 145 approved repair stations. In the medical equipment area, Elbit Systems of America is certified for ISO-13485:2016, is registered with the FDA as a GMP manufacturer and is FDA compliant with Quality Systems Regulations 21 CFR Parts 820, 803 and 806.

Service and Warranty

We instruct our customers on the proper maintenance of our systems and products. In addition, we often offer training and provide equipment to assist our customers in performing their own maintenance. When required, support may be provided by a local support team or by specialists sent from our facilities. We also provide performance based logistics services.

We generally offer a one or two-year warranty for our systems and products following delivery to, or installation by, the customer. In some cases we offer longer warranty periods. We accrue for warranty obligations specifically determined for each project based on our experience and engineering estimates. These accruals are intended to cover post-delivery functionality and operating issues for which we are responsible under the applicable contract.

Marketing and Sales

We actively take the initiative in identifying the individual needs of our customers throughout the world. We then focus our research and development activities on systems designed to provide tailored solutions to those needs. We often provide demonstrations of prototypes and existing systems to potential customers.

We market our systems and products either as a prime contractor or as a subcontractor to various governments and companies worldwide. In Israel, we sell our military systems and products mainly to the IMOD. A number of marketing related support services are provided on a central shared services basis to various units in the Company. Marketing our systems, products and services in other parts of the world is supported by subsidiaries, joint ventures and representatives.

In the U.S., generally Elbit Systems of America leads our sales and marketing activities from its facilities throughout the U.S. Elbit Systems of America operates under a Special Security Agreement that allows it and its subsidiaries to work on certain classified U.S. government programs. See above "Subsidiary Organizational Structure – Elbit Systems of America." Our subsidiaries in other countries typically lead the marketing activities in their home countries, often assisted by marketing and business development personnel based in Israel.

Over the past several years, we have entered into cooperation agreements with defense contractors, platform manufacturers and other companies in Israel, the United States, Europe, Latin America, Asia-Pacific and certain other markets. These agreements provide for joint participation in marketing and performance of a range of projects around the world. In other situations, we actively pursue business opportunities as either a prime contractor or a subcontractor, usually together with local companies. Often we enter into cooperation agreements with other companies for such opportunities.

Competition

We operate in a competitive environment for most of our projects, systems and products. Competition is based on product and program performance, price, reputation, reliability, life cycle costs, overall value to the customer, responsiveness to customer requirements and the ability to respond to rapid changes in technology. In addition, our competitive position sometimes is affected by specific requirements in particular markets.

Continuing consolidation in the defense industry has affected competition. In addition, many major prime contractors are increasing their in-house capabilities. These factors have decreased the number but increased the relative size and resources of our competitors. We adapt to market conditions by adjusting our business strategy to changing market conditions.

Competitors in the sale of some of our products to the government of Israel include Israel Aerospace Industries and Rafael Advanced Defense Systems among others. From time to time we also cooperate with some of our competitors on specific projects. Outside of Israel, we compete in a number of areas with major international defense and homeland security contractors principally from the United States, Europe and Israel. Our main competitors include divisions and subsidiaries of Boeing, Lockheed Martin, Northrop Grumman, Raytheon, General Dynamics, BAE Systems, Collins Aerospace, L-3 Communications, Thales, Airbus, Leonardo, Saab, Harris, Textron, FLIR Systems, Orbital ATK, AeroVironment, Rohde & Schwarz, Rheinmetall, Kongsberg, Safran, Hensoldt, CMC, CAE, Aselsan, Bharat Electronics, Cubic and Verint. Many of these competitors have greater financial, marketing and other resources than ours. We also compete in the worldwide defense and homeland security markets with numerous smaller companies. In addition, we compete with a range of companies in the commercial avionics and commercial cyber protection markets. In certain cases we also engage in strategic cooperative activities with some of our competitors.

Overall, we believe we are able to compete on the basis of our systems development and technological expertise, our systems' operationally-proven performance and our policy of offering customers overall solutions to technological, operational and financial needs.

Major Customers

Sometimes, our revenues from an individual customer account for more than 10% of our revenues in a specific year. Our only such customer during the last three years was the IMOD, which accounted for 19% in 2017, 13% in 2018 and 15% in 2019.

Ethics

We conduct our business activities and develop Company policies based on a firm commitment to ethical practices. In addition to our Code of Business Conduct and Ethics (Ethics Code) (see Item 16.B) and compliance with applicable laws and regulations, we have an active Company-wide ethics compliance program, incorporating a range of policies and procedures. This includes the anti-bribery/corruption area where we have a policy of zero tolerance for corruption. Our anti-bribery/corruption compliance program also includes a number of elements such as whistleblower and investigation processes, contractual requirements, due diligence, ongoing training, record keeping and enforcement. We also expect our supply chain to follow ethical practices. Our Ethics Code, Whistleblower and Investigations Procedure, Anti-Bribery and Corruption Compliance Policy, Procedure on Anti-Bribery and Corruption Due Diligence, Business Entertainment and Gifts Policy and Supplier Code of Conduct are published on our website www.elbitsystems.com. We are active in a number of international organizations relating to ethics and compliance.

Social Sustainability and Environmental, Social and Governance (ESG) Practices

We place importance on ESG practices, including sustainability and social responsibility to the communities in which we live and work. This is consistent with our policy of emphasizing responsible and ethical business practices. Our policy encourages the voluntary efforts of our Company entities and employees who donate their time and efforts in the support of members of our communities who are in need. In this regard, we give priority to initiatives that promote educational advancement in less developed communities, particularly in the technology sectors. We also promote numerous other community support activities, including involvement on a national level in major charitable organizations in Israel and the U.S. We place emphasis on best practices in corporate governance, ethical conduct (including anti-bribery/corruption compliance) and fair employment practices. We also pursue continuous improvement of our operations from an environmental, health and safety perspective and have a policy of combating human trafficking and avoiding the use of "conflict minerals" in our supply chain. These activities support our involvement as active members in leading sustainability and ethics organizations. We periodically publish a Sustainability Report, available on our website, detailing our activities in the areas of corporate responsibility, ethics, environmental, health and safety initiatives and community-related activities.

Conditions in Israel

Trade Agreements. Israel is a member of the United Nations, the International Monetary Fund, the International Bank for Reconstruction and Development and the International Finance Corporation. Israel also is a party to the General Agreement on Tariffs and Trade, which provides for reciprocal lowering of trade barriers among its members. In addition, Israel has been granted preferences under the Generalized System of Preferences from several countries. These preferences allow Israel to export products covered by such programs either duty-free or at reduced tariffs.

Israel Innovation Authority and Investment Center Funding. The government of Israel, through the Israel Innovation Authority (IIA) in the Ministry of Economy (formerly the Office of the Chief Scientist) and the Israel Investment Center (the Investment Center), encourages research and development projects oriented towards export products and participates in the funding of such projects as well as company investments in manufacturing infrastructures. Our Israeli companies receive IIA funding through various channels such as transfer of knowledge from an academic institution for a product, bi-lateral product development and innovative product development. Our companies participating in such development of products usually pay the Israeli government a royalty at various rates and such funding is typically subject to a number of conditions. See Item 5. Operating and Financial Review and Prospects – Long-Term Arrangements and Commitments – Government Funding of Development. Separate Israeli government consent is required to transfer to third parties technologies developed through projects in which the government participates in the funding of the development effort. The Investment Center promotes Israeli export products and increased industrialization of peripheral areas through investment in industrial infrastructure. The Investment Center either provides grants for qualified projects or provides tax benefits for qualified industrial investments by Israeli companies.

Israeli Labor Laws. Our employees in Israel are subject to Israeli labor laws. Some employees are also affected by some provisions of collective bargaining agreements between the Histadrut – General Federation of Labor in Israel and the Coordination Bureau of Economic Organizations, which includes the Industrialists' Association. These labor laws and collective bargaining provisions mainly concern the length of the work day, minimum daily wages for professional workers, insurance for work-related accidents, procedures for dismissing certain employees, determination of severance pay, employment of "manpower" employees and other conditions of employment.

Severance Pay. Under Israeli law, our Israeli companies are required to make severance payments to terminated Israeli employees, other than in some cases of termination for cause. The severance reserve is calculated based on the employee's last salary and period of employment. A portion of the severance pay and pension obligation is covered by payment of premiums to insurance companies under approved plans and to pension funds. The deposits presented in the balance sheet include profits accumulated to the balance sheet date. The amounts deposited may be withdrawn only after fulfillment of the obligations under the Israeli laws relating to severance pay. However, Elbit Systems and our Israeli subsidiaries have entered into agreements with some of our employees implementing Section 14 of the Severance Payment Law, which agreements relate to the treatment of severance pay. See Item 18. Financial Statements – Note 2R.

National Insurance Institute. Israeli employees and employers are required to pay predetermined sums to the National Insurance Institute, which is similar to the U.S. Social Security Administration. These amounts also include payments for national health insurance. As of December 31, 2019, the payments to the National Insurance Institute were equal to approximately 19.6% of wages, subject to a cap if an employee's monthly wages exceed a specified amount. The employee contributes approximately 61.2%, and the employer contributes approximately 38.8%.

Enforcement of Judgments

Israeli courts may enforce U.S. and other foreign jurisdiction final executory judgments for liquidated amounts in civil matters, obtained after due process before a court of competent jurisdiction. This enforcement is made according to the private international law rules currently applicable in Israel, which recognize and enforce similar Israeli judgments, provided that:

- adequate service of process has been made and the defendant has had a reasonable opportunity to be heard;
- the judgment and its enforcement are not contrary to the law, public policy, security or sovereignty of the State of Israel;
- the judgment was not obtained by fraud and does not conflict with any other valid judgment in the same matter between the same parties;
- an action between the same parties in the same matter is not pending in any Israeli court at the time the lawsuit is instituted in the foreign court; and
- the judgment is no longer subject to a right of appeal.

Foreign judgments enforced by Israeli courts generally will be payable in Israeli currency. The usual practice in Israel in an action to recover an amount in a non-Israeli currency is for the Israeli court to provide for payment of the equivalent amount in Israeli currency at the exchange rate in effect on the judgment date. Under existing Israeli law, a foreign judgment payable in foreign currency may be paid in Israeli currency at the foreign currency's exchange rate on the payment date or in foreign currency. Until collection, an Israeli court judgment stated in Israeli currency will ordinarily be linked to the Israeli Consumer Price Index (CPI) plus interest at the annual rate (set by Israeli regulations) in effect at that time. Judgment creditors must bear the risk of unfavorable exchange rates.

Item 4A. Unresolved Staff Comments.

None.

Item 5. Operating and Financial Review and Prospects.

The following discussion and analysis should be read together with our audited consolidated financial statements and notes appearing in Item 18 below.

General

Critical Accounting Policies and Estimates

Our significant accounting policies are described in Item 18. Financial Statements – Note 2.

Our results of operations and financial condition are based on our consolidated financial statements, which are presented in conformity with United States generally accepted accounting principles (U.S. GAAP). The preparation of the consolidated financial statements requires management to select accounting policies, and to make estimates, assumptions and judgments that involve the accounting policies described below that affect the amounts reported in the consolidated financial statements. Significant changes in assumptions and/or conditions and changes in our critical accounting policies could materially impact our operating results and financial condition.

We believe our most critical accounting policies relate to:

- Revenue Recognition,
- Business Combinations,
- Impairment of Long-Lived Assets and Goodwill,
- Useful Lives of Long-Lived Assets,
- Income Taxes,
- Stock-Based Compensation Expense and
- Post-employment Benefits Liabilities.

Revenue Recognition

We generate revenues primarily from fixed-price long-term contracts involving the design, development, manufacture and integration of defense systems and products. In addition, to a lesser extent, we provide non-defense systems and products as well as support and services for our systems and products.

Revenues from our contracts are principally recognized using the Financial Accounting Standards Board (FASB), Accounting Standards Codification (ASC) 606. We assess contractual arrangements at inception according to the five-step model of ASC 606.

We recognize revenues for each of the identified performance obligations when our customer obtains control of the products or services. The assessment of when the customer obtains control involves significant judgments, including, inter alia, whether there is an alternative use for a product, the contract terms, assessment of the enforceable rights for payments, and technical or contractual constraints. As a practical expedient we may occasionally account for group of performance obligations or contracts collectively, as opposed to individually by using the "portfolio approach" or the "series of distinct goods and services" method. Under the "portfolio approach" practical expedient, the Company may combine individual performance obligations, if the goods or services of the individual performance obligations have similar characteristics and the Company reasonably expects that the effect on the financial statements of applying this guidance would not defer materially from applying the guidance to the individual contracts or performance obligations within that portfolio. In addition, as a practical expedient, the Company does not assess the existence of a significant financing component when the difference between payment and transfer of control is less than one year.

For most of our long-term contracts, where our performance does not create an asset with an alternative use, we recognize revenue over time as we perform because of continuous transfer of control to the customer. This continuous transfer of control to the customer is supported by clauses in the contract that typically allow the customer control in the work-in-process as evidenced either by contractual termination clauses or by our rights to payment for work performed to date plus a reasonable profit for products or services that do not have an alternative use to the Company.

For these performance obligations that are satisfied over time, we generally recognize revenue using an input method with revenue amounts being recognized proportionately as costs are incurred relative to the total expected costs to satisfy the performance obligation.

Revenue for performance obligations that are not recognized over time are recognized at the point in time when control transfers to the customer (which is generally when the customer can direct the use of and obtain substantially all of the remaining benefits from the products, generally when the customer obtains control after delivery).

Service revenues include contracts primarily for the provision of supplies and services other than those associated with activities related to the design, development or manufacturing or delivery of products. It may be a standalone service contracts or a service performance obligation, which is distinct from the design, development or products delivery contract. Our service contracts include contracts in which the customer simultaneously receives and consumes the benefits provided as the contract is performed. Our service contracts primarily include operation-type contracts, outsourcing-type arrangements, “stand ready” type maintenance contracts, training and similar activities. Revenue from service contracts or performance obligations were less than 10% of total revenues in each of the fiscal years 2019, 2018 and 2017. For additional information see Item 18. Financial Statements - Note 2T.

In 2018, we adopted ASC 606 using the modified retrospective method effective as of January 1, 2018. Accordingly, for comparative periods prior to 2018, a majority of the Company's revenues was recognized under the contract method of accounting, and sales and profits were recorded on each contract using the percentage-of-completion method of accounting, primarily using units-of-delivery. Under the units-of-delivery method, revenue is recognized based upon the number of units delivered during a period, and the contract price and expenditures are recognized as cost allocable to the delivered units. For further description of our revenue recognition policy and its implications on the financial statements for the period ended December 31, 2019, see Item 18. Financial Statements - Note 2T.

Business Combinations

In accordance with ASC 805, “Business Combinations”, we allocate the purchase price (including estimated fair value of contingent consideration at the date of acquisition) of acquired businesses and companies to the tangible and intangible assets acquired and liabilities assumed, as well as to in-process research & development (IPR&D) and non-controlling interest, based on their estimated fair values. Determining such values requires management to make significant estimates and assumptions, especially with respect to intangible assets. See Item 18. Financial Statements - Note 2E for additional information.

We usually engage third-party appraisal firms to assist management in determining the fair values of certain assets acquired and liabilities assumed. Determining the fair values of certain assets acquired and liabilities assumed requires judgment and often involves the use of significant estimates and assumptions, mainly with respect to intangible assets. Management makes estimates of fair value based upon market participants’ assumptions believed to be reasonable. These estimates are based on historical experience and information obtained from the management of the acquired companies, and although such estimates are deemed to be consistent with market participants’ highest and best use of the assets in the principal or most advantageous market, they are inherently uncertain. While there are a number of different methods for estimating the value of intangible assets acquired, the primary method used is the discounted cash flow approach. Some of the more significant estimates and assumptions inherent in the discounted cash flow approach include projected future cash flows, including their timing, a discount rate reflecting the risk inherent in the future cash flows and a terminal growth rate. We also estimate the expected useful lives of the intangible assets, which requires judgment and can impact our results of operations. Unanticipated events and circumstances may occur that may affect the accuracy or validity of such assumptions, estimates or actual results.

To the extent intangible assets are assigned longer useful lives, there may be less amortization expense recorded in a given period. Because we operate in industries which are extremely competitive, the value of our intangible assets and their respective useful lives are exposed to future adverse changes, which can result in an impairment charge to our results of operations.

Impairment of Long-Lived Assets and Goodwill

Our long-lived assets, including identifiable property, plant and equipment and intangible assets, are reviewed for impairment in accordance with ASC 360-10-35, "Property, Plant and Equipment Subsequent Measurement", whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of an asset to the future undiscounted cash flows expected to be generated by the asset. If an asset is determined to be impaired, the impairment to be recognized is measured by the amount by which the carrying amount of the asset exceeds its fair value. Fair value of non-financial assets is determined based on market participant assumptions. For the year ended December 31, 2017 no material impairment of long-lived assets was identified. During the year ended December 31, 2018, we recognized an impairment of approximately \$5.5 million, and during the year ended December 31, 2019, no material impairment of long-lived assets was identified. See Item 18. Financial Statements - Notes IC(5) and 2P for additional information.

Goodwill represents the excess of the cost of acquired businesses over the fair values of the assets acquired net of liabilities assumed. Goodwill is not amortized, but is instead tested for impairment at least annually (or more frequently if impairment indicators arise).

We review goodwill for impairment on an annual basis and whenever events or changes in circumstances indicate that the carrying value of goodwill may not be recoverable. Such events or circumstances could include significant changes in the business climate of our industry, operating performance indicators, competition or sale or disposal of a portion of a reporting unit. The assessment is performed at the reporting unit level. Our annual testing date for all reporting units is December 31.

Performing the goodwill impairment test requires judgment, including how we define reporting units and determine their fair value. We consider a component of our business to be a reporting unit if it constitutes a business for which discrete financial information is available and management regularly reviews the operating results of that component. We estimate the fair value of each reporting unit using a discounted cash flow methodology that requires significant judgment. Forecasts of future cash flows are based on our best estimate of future sales and operating costs, based primarily on existing backlog, expected future contracts, contracts with suppliers, labor agreements and general market conditions. We prepare cash flow projections for each reporting unit using a five-year forecast of cash flows and a terminal value based on the Perpetuity Growth Model. The five-year forecast and related assumptions are derived from the most recent annual financial forecast for which the planning process commenced in our fourth quarter. The discount rate applied to our forecasts of future cash flows is based on our estimated weighted average cost of capital and includes factors such as the risk-free rate of return and the return an outside investor would expect to earn based on the overall level of inherent risk. The determination of expected returns includes consideration of the beta (a measure of risk) of traded securities of comparable companies. Changes in these estimates and assumptions could materially affect the determination of fair value and/or goodwill impairment for each reporting unit.

We evaluate goodwill for impairment by comparing the estimated fair value of a reporting unit to its carrying value, including goodwill. If the carrying value exceeds the estimated fair value, we measure impairment by comparing the derived fair value of goodwill to its carrying value, and any impairment determined is recorded in the current period. For each of the three years ended December 31, 2019, no material impairment of goodwill was identified. See Item 18. Financial Statements - Note 2Q for additional information.

In 2019 and 2018, we wrote off impairment of approximately \$3.7 million and \$17.5 million, respectively, as a result of revaluation of investments in affiliated companies. For the year ended December 31, 2017, no material impairment of other long-lived assets was identified. See Item 18. Financial Statements - Notes 2J and 6 for additional information.

Useful Lives of Long-Lived Assets

Identifiable intangible assets and property, plant and equipment are amortized over their estimated useful lives. Determining the useful lives of such assets involves the use of estimates and judgments. In determining the useful lives we take into account various factors such as the expected use of the assets, effects of obsolescence, including technological developments, competition, demand and changes in business, acquisitions and other economic factors. If we experience changes and the useful lives of such assets increase or decrease, it will affect our results of operations. See above "Impairment of Long-Lived Assets and Goodwill" for further discussion of the effects of changes in useful lives.

Income Taxes

We record income taxes using the asset and liability approach, whereby deferred tax assets and liability account balances are determined based on differences between financial reporting and tax bases of assets and liabilities and of operating losses and credit carry-forwards, and are measured using the enacted tax rates and laws that will be in effect when the differences are expected to reverse. We record a valuation allowance, if necessary, to reduce deferred tax assets to amounts that are more likely than not to be realized. We have considered future taxable income on a jurisdiction by jurisdiction basis and used prudent and feasible tax planning strategies and other available evidence in determining the need for a valuation allowance. In the event we were to determine that we would be able to realize these deferred income tax assets in the future, we would adjust the valuation allowance, which would reduce the provision for income taxes.

We establish reserves for tax-related uncertainties based on estimates of whether, and the extent to which, additional taxes will be due. These reserves are established when we believe that certain positions might be challenged despite our belief that our tax return positions are in accordance with applicable tax laws. As part of the determination of our tax liability, management exercises considerable judgment in evaluating tax positions taken by us in determining the income tax provision and establishes reserves for tax contingencies in accordance with ASC 740 "Income Taxes" guidelines. We adjust these reserves in light of changing facts and circumstances, such as the closing of a tax audit, new tax legislation or the change of an estimate based on new information. To the extent that the final tax outcome of these matters is different from the amounts recorded, such differences will affect the provision for income taxes in the period in which such determination is made. During 2017, 2018 and 2019, certain of our subsidiaries settled certain income tax matters pertaining to multiple years in Israel and Europe. Elbit Systems and certain of our Israeli subsidiaries are currently undergoing tax audits by the Israeli Tax Authority. The provision for income taxes includes the effect of reserve provisions and changes to reserves that are considered appropriate, as well as the related interest and penalties.

Management's judgment is required in determining our provision for income taxes in each of the jurisdictions in which we operate. The provision for income tax is calculated based on our assumptions as to our entitlement to various benefits under the applicable tax laws in the jurisdictions in which we operate. The entitlement to such benefits depends upon our compliance with the terms and conditions set out in these laws. Although we believe that our estimates are reasonable and that we have considered future taxable income and ongoing prudent and feasible tax strategies in estimating our tax outcome, there is no assurance that the final tax outcomes will not be different than those which are reflected in our historical income tax provisions and accruals. Such differences could have a material effect on our income tax provision, net income and cash balances in the period in which such determination is made. See Item 18. Financial Statements - Notes 2W and 18.

Stock-Based Compensation Expense

We account for equity-based compensation in accordance with ASC 718 "Compensation - Stock Compensation" (ASC 718), which requires the measurement and recognition of compensation expense for all share-based payment awards made to our employees and directors, including employee stock options, cash-based awards linked to the share price and our Phantom Bonus Retention Plan, based on estimated fair values. See Item 18. Financial Statements - Notes 2Z and 22.

Post-employment Benefits Liabilities

We have several post-employment benefit plans. The plans are funded partly by deposits with insurance companies, financial institutions or funds managed by a trustee. The plans are classified as defined contribution plans and as defined benefit plans.

Some of the Company's subsidiaries' employees, mainly in Israel and in the U.S. (some of whom have already left the Company), have defined benefit pension plans for their retirement, which are controlled by the Company. Generally, according to the terms of the plans, as stated, the employees are entitled to receive pension payments based on, among other things, their number of years of service (in certain cases up to 70% of their last base salary) or computed, in certain cases, based on a fixed salary. Some employees of a subsidiary in Israel are entitled to early retirement if they meet certain conditions, including age and seniority at the time of retirement.

We recognize on a plan-by-plan basis the net funded status of our post retirement benefit plans under U.S. GAAP as either an asset or a liability on our consolidated balance sheets. The funded status represents the difference between the fair value of each plan's assets and the benefit obligation of the plan. The benefit obligation represents the present value of the estimated future benefits we currently expect to pay to plan participants based on past service.

The plan assets and benefit obligations are measured at the end of each year or more frequently, upon the occurrence of certain events such as a significant plan amendment, settlement or curtailment. The amounts we record are measured using actuarial valuations (based on independent actuarial advice) which are dependent upon key assumptions such as: discount rates, the expected long-term rate of return on plan assets (determined by considering the expected return available on assets underlying the current investment policy), participant longevity, employee turnover, inflation rates, future payroll increases and the health care cost trend rates for our retiree medical plans. The assumptions we make affect both the calculation of the benefit obligations as of the measurement date and the calculation of net periodic benefit cost in subsequent periods. When reassessing these assumptions, we consider past and current market conditions and make judgments about future market trends. We also consider factors such as the timing and amounts of expected contributions to the plans and benefit payments to plan participants. Any changes in these assumptions will impact (either increases or decreases) the carrying amount of our post-employment benefit obligations and plan assets. See Item 18. Financial Statements - Notes 2S and 17.

Governmental Policies

Governmental policies and regulations applicable to defense contractors, such as cost accounting and audit, export control, procurement solicitation and anti-bribery rules and regulations, could have a material impact on our operations. See Item 3. Risk Factors – General Risks Related to Our Business and Market and Item 4. Information on the Company – Governmental Regulation. According to Section 404 of the U.S. Sarbanes-Oxley Act of 2002, we are required to include in our annual report on Form 20-F an assessment, as of the end of the fiscal year, of the effectiveness of our internal controls over financial reporting. See Item 15. Controls and Procedures – Management’s Annual Report on Internal Control Over Financial Reporting.

Recent Accounting Pronouncements

See Item 18. Financial Statements – Note 2AF.

Long-Term Arrangements and Commitments

Government Funding of Development. Elbit Systems and certain Israeli subsidiaries partially finance our research and development expenditures under programs sponsored by the Israel Innovation Authority (IIA) in the Ministry of Economy (formerly the Office of the Chief Scientist) for the support of research and development activities conducted in Israel. At the time the funds are received, successful development of the funded projects is not assured. In exchange for the funds, Elbit Systems and the subsidiaries pay 2% – 5% of total sales of the products developed under these programs. The obligation to pay these royalties is contingent on actual future sales of the products. Elbit Systems and some of our subsidiaries may also be obligated to pay certain amounts to the IMOD and others on certain sales including sales resulting from the development of some of the technologies developed with such respective entity’s funds. See Item 4. Information on the Company – Conditions in Israel – Israel Innovation Authority and Investment Center Funding and Item 18. Financial Statements - Note 2V.

Lease Commitments. The future minimum lease commitments of the Company under various non-cancelable operating lease agreements for property, motor vehicles and office equipment, excluding imputed interest, as of December 31, 2019 were as follows: \$71.8 million for 2020, \$51.6 million for 2021, \$40.8 million for 2022, \$36.2 million for 2023, \$33.8 million for 2024 and \$260.9 million for 2025 and thereafter. See Item 18. Financial Statements – Note 9.

Bank Covenants. In connection with bank credits and loans, including performance guarantees issued by banks and bank guarantees in order to secure certain advances from customers, Elbit Systems and certain subsidiaries are obligated to meet certain financial covenants. See below “Liquidity and Capital Resources – Financial Resources”. Such covenants include requirements for shareholders’ equity, current ratio, operating profit margin, tangible net worth, EBITDA, interest coverage ratio and total leverage. See Item 18. Financial Statements – Note 21E. As of December 31, 2018 and 2019, the Company met all financial covenants.

Bank and Other Financial Institution Guarantees. As of December 31, 2019 and 2018, guarantees in the aggregate amount of approximately \$1,983 million and \$1,895 million, respectively, were issued by banks and other financial institutions on behalf of several Company entities primarily in order to secure certain advances from customers and performance bonds.

Purchase Commitments. As of December 31, 2019 and 2018, we had purchase commitments of approximately \$2,248 million and \$1,775 million, respectively. These purchase orders and subcontracts are typically in standard formats proposed by us. These subcontracts and purchase orders also reflect provisions from the applicable prime contract that apply to subcontractors and vendors. The terms typically included in these purchase orders and subcontracts are consistent with Uniform Commercial Code provisions in the United States for sales of goods, as well as with specific terms requested by our customers in international contracts. These terms include our right to terminate the purchase order or subcontract in the event of the vendor's or subcontractor's default, as well as our right to terminate the order or subcontract for our convenience (or if our prime contractor has so terminated the prime contract). Such purchase orders and subcontracts typically are not subject to variable price provisions.

Acquisitions During 2019

See Item 4. Information on the Company – Mergers, Acquisitions and Divestitures and see below "Acquisition of Night Vision Business".

Backlog of Orders

Our backlog includes firm commitments received from customers for systems, products, services and projects that have yet to be delivered or completed, as applicable. Our policy is to include orders in our backlog only when specific conditions are met. Examples of these conditions may include, among others, receipt of a binding letter of commitment or contract, program funding, advances, letters of credit, guarantees and/or other commitments from customers. As a result, from time to time we could have unrecorded orders not included in our reported backlog.

We reduce backlog when revenues for a specific contract are recognized, such as when delivery or acceptance occurs or when contract milestones or engineering progress under long-term contracts are recognized as achieved, or when revenues are recognized based on costs incurred. In the unusual event of a contract cancellation, we reduce our backlog accordingly. The method of backlog recognition used may differ depending on the particular contract. Orders in currencies other than U.S. dollars are translated periodically into U.S. dollars and recorded accordingly.

Our backlog of orders as of December 31, 2019 was \$10,029 million, of which 61% was for orders outside Israel. Our backlog of orders as of December 31, 2018 was \$9,399 million, of which 61% was for orders outside Israel. Approximately 65% of our backlog as of December 31, 2019 is scheduled to be performed during 2020 and 2021. The majority of the 35% balance is scheduled to be performed in 2022 and 2023. Backlog information and any comparison of backlog as of different dates may not necessarily represent an indication of future sales.

Trends

Trends in the defense and homeland security areas in which we operate have been impacted by the nature of recent conflicts and terrorism activities throughout the world, increasing the focus of defense forces on low intensity conflicts, homeland security and cyber warfare. Such trends have been impacted by the conflicts in Syria, by terrorist organizations as well as by tensions with North Korea and Iran. There has also been a trend of many armed forces to focus more on airborne, naval and intelligence forces and less on traditional ground forces activities.

In the defense and homeland security markets, there is an increasing demand for products and systems that incorporate artificial intelligence, Big Data analytics and information assurance. There also is a continuing demand in the areas of airborne systems, C4ISR and unmanned vehicles. Accordingly, in recent years we have been placing more emphasis on airborne systems, C4ISR, information systems, intelligence gathering, situational awareness, precision guidance and munitions, all weather and day/night operations, border and perimeter security, UAS, other unmanned vehicles, cyber-defense, training and simulation, space and satellite-based defense capabilities and homeland security systems. Many governments are increasing their budgets in homeland security, including an increasing focus on protection of territorial waters and in the area of cyber-defense. Our customers are also increasing requirements to their supply chains in the area of cyber protection and information assurance. We believe that our core technologies and abilities will enable us to take advantage of many of these emerging trends.

The continuing trend of consolidation in the defense and homeland security industries has affected competition. This consolidation has decreased the number but increased the relative size and resources of our competitors. There is also an increasing trend of many of our defense customers to require that part of the work be done by local companies in the customer's country. We adapt to evolving market conditions by adjusting our business strategy. Our business strategy also anticipates increased competition in the defense and homeland security markets due to declining budgets in certain countries such as a number of countries in Latin America. However, we believe there have been recent indications of enhanced defense and homeland security budgets in the U.S. and in certain European and Asia-Pacific countries. We believe in our ability to compete on the basis of our systems development, technological expertise, operationally-proven performance and policy of offering customers overall solutions to technological, operational and financial needs and at the same time enhancing the industrial capabilities in certain of our customers' countries.

Our future success is dependent on our ability to meet our customers' expectations and anticipate emerging customer needs. We must continue to successfully perform on existing programs, as past performance is an important selection criterion for new competitive awards. We also must anticipate customer needs so as to be able to develop working prototypes in advance of program solicitations and to meet customer's cyber protection requirements. This requires us to anticipate future technological and operational trends in our marketplace and efficiently engage in relevant research and development efforts.

Acquisition of Night Vision Business

On September 15, 2019, we completed the acquisition of the night vision business of L3Harris Technologies (the Night Vision Business). The financial results of the Night Vision Business were included in our consolidated reports commencing the date of the acquisition. Following the completion of the acquisition we recorded in the fourth quarter of 2019 expenses of \$55 million. The expenses were recorded in Cost of Revenues and included mainly inventory write-offs. Those expenses were eliminated in the non-GAAP results due to their non-recurring nature. See Item 4. Information on the Company - Mergers, Acquisitions and Divestitures and Item 18. Financial Statements - Note 1C(1).

Summary of Operating Results

The following table sets forth our consolidated statements of operations for each of the three years ended December 31, 2019 (*).

	Year ended December 31,					
	(in thousands of U.S. dollars except per share data)					
	2019		2018		2017	
	\$	%	\$	%	\$	%
Total revenues	\$ 4,508,400	100.0	\$ 3,683,684	100.0	\$ 3,377,825	100.0
Cost of revenues	3,371,933	74.8	2,707,505	73.5	2,374,775	70.3
Gross profit	1,136,467	25.2	976,179	26.5	1,003,050	29.7
Research and development (R&D) expenses	368,652	8.2	317,690	8.6	301,382	8.9
Less – participation	(36,895)	(0.8)	(30,338)	(0.8)	(36,322)	(1.1)
R&D expenses, net	331,757	7.4	287,352	7.8	265,060	7.8
Marketing and selling expenses	301,400	6.7	281,014	7.6	280,246	8.3
General and administrative expenses	214,749	4.8	160,348	4.4	133,314	3.9
Other operating income, net	(33,049)	(0.7)	(45,367)	(1.2)	—	—
	814,857	18.1	683,347	18.6	678,620	20.1
Operating income	321,610	7.1	292,832	7.9	324,430	9.6
Financial expenses, net	(69,072)	(1.5)	(44,061)	(1.2)	(34,502)	(1.0)
Other expenses, net	(6,243)	(0.1)	(11,449)	(0.3)	(5,082)	(0.2)
Income before taxes on income	246,295	5.5	237,322	6.4	284,846	8.4
Taxes on income	(19,414)	(0.4)	(26,445)	(0.7)	(55,585)	(1.6)
	226,881	5.0	210,877	5.7	229,261	6.8
Equity in net earnings of affiliated companies and partnerships	1,774	—	(2,222)	(0.1)	11,361	0.3
Net income	\$ 228,655	7.4	\$ 208,655	6.6	\$ 240,622	7.1
Less – net income attributable to non-controlling interests	(798)	—	(1,917)	(0.1)	(1,513)	—
Net income attributable to the Company's shareholders	\$ 227,857	5.1	\$ 206,738	5.6	\$ 239,109	7.1
Diluted net earnings per share:	\$ 5.20		\$ 4.83		\$ 5.59	

(*) In 2018 we adopted the new revenue recognition accounting standard ASC 606, using the modified retrospective approach. The financial results of 2018 and 2019 are in compliance with ASC 606. Financial results for the year 2017 is presented in conformity with amounts previously disclosed under the prior revenue recognition standard, ASC 605. See above "Revenue Recognition" and Item 18. Financial Statements - Note 2T.

2019 Compared to 2018

Revenues

Our sales are primarily to governmental entities and prime contractors under government defense and homeland security programs. Accordingly, the level of our revenues is subject to governmental budgetary constraints.

The following table sets forth our revenue distribution by areas of operation:

	Year ended December 31,			
	2019		2018	
	\$ millions	%	\$ millions	%
Airborne systems	1,617.2	35.9	1,470.1	39.9
C4ISR systems	1,161.5	25.8	1,130.1	30.7
Land systems	1,228.3	27.2	649.1	17.6
Electro-optic systems	374.4	8.3	333.9	9.1
Other (mainly non-defense engineering and production services)	127.0	2.8	100.5	2.7
Total	4,508.4	100.0	3,683.7	100.0

Our consolidated revenues in 2019 were \$4,508.4 million, as compared to \$3,683.7 million in 2018.

The leading contributors to our revenues were the airborne systems and land systems areas of operation. The increase in revenues in the airborne systems area of operation was primarily due to increased sales of commercial avionics equipment in the U.S. of a subsidiary that was acquired in the second quarter of 2018. Additionally, there was an increase of sales in the U.S. of military avionic equipment for airborne platforms. Revenues from land systems increased primarily due to an increase in sales of land electronic warfare systems and armored vehicle systems in Europe and the revenues of IMI, which was acquired in November 2018.

The following table sets forth our distribution of revenues by geographical regions:

	Year ended December 31,			
	2019		2018	
	\$ millions	%	\$ millions	%
Israel	1,064.8	23.6	740.2	20.1
North America	1,260.5	28.0	979.2	26.6
Europe	853.7	18.9	737.1	20.0
Asia-Pacific	1,029.6	22.8	791.8	21.5
Latin America	158.1	3.5	192.4	5.2
Other	141.8	3.2	243.0	6.6
Total	4,508.5	100.0	3,683.7	100.0

The increase in North America was mainly a result of higher sales of airborne systems and revenues of commercial avionics and programs for military airborne platforms. The increase in Israel was mainly a result of revenues of IMI. The increase in Asia-Pacific was mainly a result of higher sales of remote weapon systems, radios and artillery systems.

Cost of Revenues and Gross Profit

Cost of revenues in 2019 was \$3,371.9 million (74.8% of revenues), as compared to \$2,707.5 million (73.5% of revenues) in 2018.

Our major components of cost of revenues are (i) wages and related benefits costs, (ii) subcontractors and material consumed and (iii) manufacturing and other expenses. The amounts and percentage of those components in 2019 and 2018 were as follows:

Wages and related benefits costs in 2019 constituted 38% of cost of revenues, as compared to 40% of cost of revenues in 2018. The total cost of wages and related benefits in 2019 was approximately \$1,302 million, as compared to \$1,110 million in 2018. The increase in wages and related benefit costs was mainly a result of exchange rate changes during 2019 in the value of the NIS relative to the U.S. dollar as a result of hedging transactions that we had in 2018 with respect to lower exchange rates, as well as the increased workforce as a result of the addition of employees in subsidiaries acquired in 2018 and 2019.

Subcontractors and material consumed costs in 2019 constituted 50% of cost of revenues, as compared to 47% in 2018. The total amount of subcontractors and material consumed costs in 2019 was approximately \$1,711.3 million, as compared to approximately \$1,299.3 million in 2018. The increase in subcontractors and material consumed was mainly a result of the increase in revenues, as well as the cost of subcontractors and materials in subsidiaries acquired in 2018 and 2019.

Manufacturing and other expenses in 2019 constituted 8% of cost of revenues, as compared to 10% in 2018. The total cost of manufacturing and other expenses in 2019 was approximately \$267 million, as compared to approximately \$263 million in 2018.

In 2019, our cost of revenues included a decrease in inventories of approximately \$2 million in work-in-progress and finished goods inventories, as compared to an increase of approximately \$30 million in work-in-progress and finished goods inventories in 2018.

Changes from 2018 to 2019 in our cost of revenues and cost of revenues components (except the expenses related to the acquisitions in the amount of \$55.0 million and \$66.6 million in 2019 and 2018, respectively), were not material. We did not identify any developing trends in cost of revenues that we believe are likely to have a material impact on our future operations other than the continued changes in the NIS against the U.S. dollar, which could have an impact mainly on our labor costs.

Gross profit for the year ended December 31, 2019 was \$1,136.5 million (25.2% of revenues), as compared to \$976.2 million (26.5% of revenues) in the year ended December 31, 2018. The decline in 2019 gross profit relating to 2018 was due to a less favorable sales mix and a lower gross profit in IMI.

Research and Development (R&D) Expenses

We continually invest in R&D in order to maintain and further advance our technologies, in accordance with our long-term plans, based on our estimate of future market needs. Our R&D costs, net of participation grants, include costs incurred for independent research and development and bid and proposal efforts and are expensed as incurred.

Gross R&D expenses in 2019 totaled \$368.7 million (8.2% of revenues), as compared to \$317.7 million (8.6% of revenues) in 2018.

Net R&D expenses (after deduction of third party participation) in 2019 totaled \$331.8 million (7.4% of revenues), as compared to \$287.4 million (7.8% of revenues) in 2018.

Marketing and Selling Expenses

We are active in developing new markets and pursue at any given time various business opportunities according to our plans.

Marketing and selling expenses in 2019 were \$301.4 million (6.7% of revenues), as compared to \$281.0 million (7.6% of revenues) in 2018.

General and Administration (G&A) Expenses

G&A expenses in 2019 were \$214.7 million (4.8% of revenues), as compared to \$160.3 million (4.4% of revenues) in 2018. The higher level of general and administration expenses in 2019 was mainly a result of consolidation of expenses in subsidiaries that were acquired in 2018 and 2019, which was partly offset by income related to settlement of litigation in the U.S.

Other Operating Income (Net)

Other operating income, net for the year ended December 31, 2019 amounted to \$33.0 million, as compared to \$45.4 million in 2018. The amount in 2018 reflects net gains related to the valuation of shares in two of our Israeli subsidiaries in the commercial cyber and medical instrumentation areas due to third party investments. The amount in 2019 reflects mainly a capital gain related to sale and lease back of buildings by a subsidiary in Israel.

Operating Income

Our operating income in 2019 was \$321.6 million (7.1% of revenues), as compared to \$292.8 million (7.9% of revenues) in 2018. The lower level of operating income in 2019 was mainly due to the decrease in the gross profit as well as the increase in G&A expenses related to subsidiaries acquired during 2018 and 2019.

Financial Expense (Net)

Net financing expenses in 2019 were \$69.1 million, as compared to \$44.1 million in 2018. Financial expenses, net in 2019 included exchange rate differences of approximately \$23.1 million related to the recognition of lease liabilities denominated in foreign currencies (mainly in New Israeli Shekels) as a result of the adoption of ASC 842, Leases, effective January 1, 2019.

Other Expenses (Net)

Other Expenses, net were \$6.2 million in 2019, as compared to \$11.4 million in 2018. Other expenses in 2018 included impairment of investments in two of our affiliated Israeli companies. Other expenses in 2019 were mainly due to the non-service cost components of pension plans, in accordance with ASU 2017-07.

Taxes on Income

Our effective tax rate represents a weighted average of the tax rates to which our various entities are subject.

Taxes on income in 2019 were \$19.4 million (effective tax rate of 7.9%), as compared to \$26.4 million (effective tax rate of 11.1%) in 2018. The effective tax rates in 2019 and 2018 were also affected by prior years adjustments of \$20.7 million and \$2.6 million, respectively. The adjustments were mainly related to tax settlements. The change in the effective tax rate was also affected by the mix of the tax rates in the various jurisdictions in which the Company's entities generate taxable income and other income that is not part of taxable income mainly related to non-cash items such as impairment of assets. We continued to enjoy a lower effective Israeli tax rate, the benefits of an "Approved and Privileged Enterprise" and other tax benefits, which resulted in savings of \$22.1 million and \$17.1 million, respectively, in 2019 and 2018, significantly influencing our effective tax rates.

Company's Share in Earnings (Losses) of Affiliated Entities

The entities, in which we hold 50% or less in shares or voting rights (affiliates) and are therefore not consolidated in our financial statements, operate in complementary areas to our core business activities, including electro-optics and airborne systems.

In 2019, we had income of \$1.8 million (0.1% of revenues) from our share in earnings of affiliates, as compared to loss of \$2.2 million (0.1% of revenues) in 2018. The loss in 2018 was mainly a result of a \$9.7 million re-valuation of the fair value of an investment in an affiliated company.

Net Income Attributable to Non-Controlling Interests

Net income attributable to non-controlling interests in 2019 was \$0.8 million, as compared to \$1.9 million in 2018.

Net Income and Earning Per Share (EPS)

As a result of the above, net income in 2019 was \$227.9 million (5.1% of revenues), as compared to net income of \$206.7 million (5.6% of revenues) in 2018. The diluted EPS was \$5.20 in 2019, as compared to \$4.83 in 2018.

The numbers of shares used for computation of diluted EPS in the years ended December 31, 2019 and 2018 were 43,848,000 and 42,789,000 shares, respectively.

2018 Compared to 2017

A discussion of our results of operations for 2018 compared to 2017 may be found on pages 38 - 41 of our annual report on Form 20-F filed March 19, 2019 on the EDGAR database of the U.S. Securities and Exchange Commission.

Israeli Debt Offering

In June 2010, Elbit Systems completed a public offering in Israel on the TASE of NIS 1.1 billion (approximately \$283 million) Series A Notes (the Series A Notes). The Series A Notes were offered and sold pursuant to a shelf prospectus filed in May 2010 with the Israeli Securities Authority and the TASE. The shelf prospectus expired in 2012. In 2012, under the framework of the shelf prospectus, Elbit Systems completed both an additional public offering on the TASE and a private placement in Israel to Israeli institutional investors, of new Series A Notes, for an aggregate consideration of approximately NIS 926 million (approximately \$249 million). All Series A Notes formed a single series.

We account for the outstanding principal amount of our Series A Notes as long-term liability, in accordance with ASC 470, "Debt", with current maturities classified as short-term liabilities. Debt issuance costs are capitalized and reported as deferred financing costs, which are amortized over the life of the Series A Notes using the effective interest rate method. As of December 31, 2019, the value of the Series A Notes was \$60.8 million, and all of it was included in current maturities.

The Series A Notes are payable in ten equal annual installments on June 30 of each of the years 2011 through 2020. The Series A Notes bear a fixed interest rate of 4.84% per annum, payable on June 30 and December 30 of each of the years through 2020 (the first interest payment was made on December 30, 2010, and the last interest payment will be made on June 30, 2020). See Item 18. Financial Statements – Note 16.

The Series A Notes (principal and interest) are in NIS and are not linked to any currency or index. The Series A Notes are unsecured, non-convertible and do not restrict our ability to issue additional notes of any class or distribute dividends in the future. There are no covenants on the Series A Notes.

The Series A Notes are listed for trading on the TASE. **However, the Series A Notes are not registered under the U.S. Securities Act of 1933, as amended (the Securities Act), and may not be offered or sold in the United States or to U.S. Persons (as defined in Regulation "S" promulgated under the Securities Act) without registration under the Securities Act or an exemption from the registration requirements of the Securities Act.**

We also entered into ten-year cross currency interest rate swap transactions in order to effectively hedge the effect of interest and exchange rate differences resulting from the NIS Series A Notes that were issued in 2010 and the additional Series A Notes that were issued in 2012. Under the cross currency interest rate swaps, we receive fixed NIS at a rate of 4.84% on NIS 2 billion and pay floating six-month USD LIBOR plus an average spread of 1.84% on \$524 million, which reflects the U.S. dollar value of the Series A Notes on the specific dates the transactions were consummated. Both the debt and the swap instruments pay semi-annual interest on June 30 and December 31. The purpose of these swap transactions was to convert the NIS fixed rate Series A Notes into USD LIBOR (6 months) floating rate obligations. As a result of these agreements, we are currently paying an effective interest rate of six-month LIBOR (1.92% at December 31, 2019) plus an average of 1.65% on the principal amount, as compared to the original 4.84% fixed rate. The above transactions qualify for fair value hedge accounting. See also Item 11. Quantitative and Qualitative Disclosures about Market Risk.

Cash Flow

Our operating cash flow is affected by the cumulative cash flow generated from our various projects in the reported periods. Project cash flows are affected by the timing of the receipt of advances and the collection of accounts receivable from customers, as well as the timing of payments made by us in connection with the performance of the project. The receipt of payments usually relates to specific events during the project, while expenses are ongoing. As a result, our cash flow may vary from one period to another. Our policy is to invest our cash surplus mainly in interest bearing deposits, in accordance with our projected needs.

In general, subsidiaries are able to transfer cash dividends, loans or advances to Elbit Systems and among themselves, subject to corporate policy and tax considerations in their applicable jurisdiction and subject to management commitment not to distribute tax exempt earnings. Such tax considerations have not had in the past, and are not anticipated to have, a material impact on our ability to meet our obligations.

2019

Our net cash flow used for operating activities in 2019 was approximately \$53 million, resulting mainly from an increase in short and long-term trade receivables of approximately \$268 million, an increase in inventories of approximately \$56 million and a decrease of approximately \$175 million in advances received from customers, offset by an increase in non-cash operating items of \$101 million and an increase in trade and other payables of approximately \$116 million.

Net cash flow used in investing activities in 2019 was approximately \$107 million, which was used mainly for the purchase of property, plant and equipment in the amount of \$138 million, acquisition of subsidiaries and business operations in the amount of \$357 million and investments in affiliated companies in the amount of \$9 million, offset by proceeds from premises evacuation grants of \$345 million, proceeds from the sale of fixed assets of \$37 million and proceeds from the net sale of short-term deposits in the amount of \$15 million.

Net cash flow provided by financing activities in 2019 was approximately \$173 million, which was provided mainly by proceeds from new long-term loans of approximately \$350 million and issuance of shares in the amount of \$185 million, offset by repayment of Series A Notes in the amount of \$56 million, repayment of long-term loans in the amount of \$243 million and payment of dividends in the amount of \$63 million.

2018

Our net cash flow generated from operating activities in 2018 was approximately \$192 million, resulting mainly from our net income and an increase in non-cash operating items of \$126 million, an increase in trade and other payables of approximately \$90 million and an increase of approximately \$153 million in advances received from customers, offset by an increase in short and long-term trade receivables of approximately \$89 million and an increase in inventories of approximately \$117 million.

Net cash flow used in investing activities in 2018 was approximately \$593 million, which was used mainly for the purchase of property, plant and equipment in the amount of \$102 million, acquisition of subsidiaries in the amount of \$504 million and investments in affiliated companies in the amount of \$8 million, offset by proceeds from the sale of fixed assets of \$4 million and proceeds from the net sale of short-term deposits and marketable securities in the amount of \$20 million.

Net cash flow used for financing activities in 2018 was approximately \$454 million, which was used mainly for repayment of Series A Notes in the amount of \$56 million and payment of dividends in the amount of \$75 million. Proceeds from new short and long-term loans were approximately \$585 million.

Financial Resources

The financial resources available to us include profits, collection of accounts receivable, advances from customers and the government of Israel and other third parties' programs such as the Israel Innovation Authority and development grants. In addition, we have access to bank credit lines and financing in Israel and abroad based on our capital, assets and activities.

Elbit Systems and some subsidiaries are obligated to meet various financial covenants set forth in our respective loan and credit agreements. Such covenants include requirements for shareholders' equity, current ratio, operating profit margin, tangible net worth, EBITDA, interest coverage ratio and total leverage. As of December 31, 2019 and 2018, the Company met all financial covenants.

On December 31, 2019, we had total borrowings from banks and public institutions in the amount of \$786.4 million in short and long-term loans. On December 31, 2019, we also had \$1,983 million in guarantees issued on our behalf by banks and other financial institutions, mainly in respect of advance payment and performance guarantees provided in the regular course of business. In addition, at December 31, 2019, we had \$61 million in outstanding debt under our Series A Notes, all of which will mature in 2020. On December 31, 2019, we had a cash balance amounting to \$221 million. We believe that we also have the ability to raise funds on the capital market and through expansion of our credit lines. See above "Israeli Debt Offering".

As of December 31, 2019, we had working capital of \$499 million and a current ratio of 1.16. We believe that our working capital and cash flow from operations are sufficient to support our current requirements and financial covenants.

We believe that our current cash balances, cash generated from operations, lines of credit and financing arrangements will provide sufficient resources to meet our operational needs for at least the next fiscal year. However, our ability to borrow funds from the banking system may be impacted by the global financial and liquidity situation. See Item 3. Risk Factors – General Risk Related to Our Business and Market.

For further information on the level, maturity and terms of our borrowings, see Item 18. Financial Statements – Notes 12, 15 and 16.

We believe our cash balance, amounts available under lines of credits, cash flows from operating activities and our ability to access external capital resources should be sufficient to satisfy existing short-term and long-term commitments and plans as well as provide adequate financial flexibility to take advantage of potential strategic business opportunities should they arise within the next year.

Pensions and Other Post-Retirement Benefits. We account for pensions and other post-employment arrangements in accordance with ASC 715 "Compensation – Retirement Benefits". Accounting for pensions and other post-retirement benefits involves judgment about uncertain events, including estimated retirement dates, salary levels at retirement, mortality rates, rates of return on plan assets, determination of discount rates for measuring plan obligations, healthcare cost trend rates and rates of utilization of healthcare services by retirees. These assumptions are based on the environment in each country. For our pension and other post-retirement benefit assumptions at December 31, 2019 and 2018, see Item 18. Financial Statements – Note 17. At December 31, 2019, our employee benefit liabilities were \$837 million, of which we had severance funds of \$287 million set aside to satisfy potential obligations.

Material Commitments for Capital Expenditures. We believe that we have adequate sources of funds to meet our material commitments for capital expenditures for the fiscal year ending December 31, 2019 and the subsequent fiscal year (see above "Financial Resources"). Our anticipated capital expenditures (which include mainly the purchase of equipment, buildings and an enhancement to our Enterprise Resource Planning (ERP) system) as of December 31, 2019 are somewhat higher than those as of December 31, 2018, due to an anticipated increase in expenditures for buildings, ERP enhancements and certain other expenses. We plan to pay for such anticipated capital expenditures using cash from operations. See also Item 18. Financial Statements – Consolidated Statements of Cash Flows and Note 10.

Impact of Inflation and Exchange Rates

Functional Currency. Our reporting currency is the U.S. dollar, which is also the functional currency for most of our consolidated operations. A majority of our sales are made outside of Israel in non-Israeli currency, mainly U.S. dollars, as well as a majority of our purchases of materials and components. A significant portion of our expenses, mainly labor costs, are in NIS. Some of our subsidiaries have functional currencies in Euro, GBP, Brazilian reals, Australian dollars and other currencies. Transactions and balances originally denominated in U.S. dollars are presented in their original amounts. Transactions and balances in currencies other than the U.S. dollar are remeasured in U.S. dollars according to the principles set forth in ASC 830 "Foreign Currency Matters". Exchange gains and losses arising from remeasurement are reflected in financial expenses, net, in the consolidated statements of income.

Market Risks and Variable Interest Rates

Market risks relating to our operations result mainly from changes in interest rates and exchange rates. We use derivative instruments to limit exposure to changes in exchange rates in certain cases. We also typically enter into forward contracts in connection with transactions where long-term contracts have been signed and that are denominated in currencies other than U.S. dollars or NIS. We also enter from time to time into forward contracts and other hedging instruments related to NIS based on market conditions.

We use financial instruments and derivatives in order to limit our exposure to risks arising from changes in exchange rates and to mitigate our exposure to effects of changes in foreign currency rates and interest rates. The use of such instruments does not expose us to additional exchange rate risks since the derivatives are held against an asset (for example, excess assets in Euros). Our policy in utilizing these financial instruments is to protect the dollar value of our cash and cash equivalent assets rather than to serve as a source of income.

In the context of our overall treasury policy specific objectives apply to the management of financial risks. These objectives are disclosed under the headings below “NIS/U.S. Dollar Exchange Rates”, “Inflation and Currency Exchange Rates” and “Foreign Currency Derivatives and Hedging”.

On December 31, 2019, our liquid assets were comprised of bank deposits and short and long-term investments. Our deposits and investments earn interest based on variable interest rates, and their value as of December 31, 2019 was therefore exposed to changes in interest rates. Should interest rates either increase or decrease, such change may affect our results of operations due to changes in the cost of the liabilities and the return on the assets that are based on variable rates.

NIS/U.S. Dollar Exchange Rates. We attempt to manage our financial activities in order to reduce material financial losses in U.S. dollars resulting from the impact of inflation and exchange rate fluctuations on our non-U.S. dollar assets and liabilities. Our income and expenses in Israeli currency are translated into U.S. dollars at the prevailing exchange rates as of the date of the transaction. Consequently, we are affected by changes in the NIS/U.S. dollar exchange rates. We entered into other derivative instruments to limit our exposure to exchange rate fluctuations, related mainly to payroll expenses incurred in NIS. See Item 11. Quantitative and Qualitative Disclosure of Market Risks. The amount of our exposure to the changes in the NIS/U.S. dollar exchange rate may vary from time to time. See Item 3. Key Information – Risk Factors – Risks Relating to Our Israeli Operations.

Inflation and Currency Exchange Rates

The U.S. dollar cost of our operations in Israel is influenced by any increase in the rate of inflation in Israel that is not fully offset by the devaluation of the NIS in relation to the U.S. dollar. Unless inflation in Israel is offset by a devaluation of the NIS, such inflation may have a negative effect on the profitability of contracts where Elbit Systems or any of our Israeli subsidiaries receives payment in U.S. dollars, NIS linked to U.S. dollars or other foreign currencies, but incurs expenses in NIS linked to the CPI. Inflation in Israel and currency fluctuations may also have a negative effect on the profitability of fixed-price contracts where we receive payments in NIS.

In the past, our profitability was negatively affected when inflation in Israel (measured by the change in the CPI from the beginning to the end of the calendar year) exceeded the devaluation of the NIS against the U.S. dollar and at the same time we experienced corresponding increases in the U.S. dollar cost of our operations in Israel. For example, in 2017, the inflation rate was approximately a positive 0.4%, and the NIS strengthened against the U.S. dollar by approximately 9.8%. In 2018, the inflation rate was approximately a positive 0.8% and the NIS depreciated against the U.S. dollar by approximately 8.1%. In 2019, the inflation rate was approximately a positive 0.6%, and the NIS strengthened against the U.S. dollar by approximately 7.8%. There can be no assurance that we will not be materially adversely affected in the future if inflation in Israel exceeds the devaluation of the NIS against the U.S. dollar or if the timing of such devaluation lags behind increases in inflation in Israel.

A devaluation of the NIS in relation to the U.S. dollar also has the effect of decreasing the dollar value of any of our assets that consist of NIS or accounts receivable denominated in NIS, unless such assets or accounts receivable are linked to the U.S. dollar. Such a devaluation also has the effect of reducing the U.S. dollar amount of any of our liabilities that are payable in NIS, unless such payables are linked to the U.S. dollar. On the other hand, any increase in the value of the NIS in relation to the U.S. dollar will have the effect of increasing the U.S. dollar value of any unlinked NIS assets as well as the U.S. dollar amount of any unlinked NIS liabilities and expenses.

Foreign Currency, Derivatives and Hedging

While our functional currency is the U.S. dollar, we also have some non-U.S. dollar or non-U.S. dollar linked exposure to currencies other than NIS. These are mainly non-U.S. dollar customer debts, payments to suppliers and subcontractors as well as obligations in other currencies, assets or undertakings. Some subcontractors are paid in local currency under prime contracts where we are paid in U.S. dollars. The exposure on these transactions has not been in amounts that are material to us. However, when we view it economically advantageous, due to anticipated uncertainty in the applicable foreign exchange rates, we seek to minimize our foreign currency exposure by entering into hedging arrangements, obtaining periodic payments upon the completion of milestones, obtaining guarantees and security from customers and sharing currency risks with subcontractors.

A significant part of our future cash flows that will be denominated in currencies other than the NIS and the U.S. dollar were covered as of December 31, 2019 by forward contracts. On December 31, 2019, we had forward contracts for the sale and purchase of Euro, GBP and various other currencies totaling approximately \$558 million (\$412 million in Euros, \$48 million in GBP and the balance of \$99 million in other currencies).

As of December 31, 2019, an unrealized net loss of approximately \$7 million was included in accumulated other comprehensive income. As of December 31, 2019, all of the forward contracts are expected to mature during the years 2020 – 2024.

Regarding the measures taken to reduce the foreign currency exchange rate impact on our Series A Notes see above “Liquidity and Capital Resources – Israeli Debt Offering.”

The table below presents the balance of the derivative instruments held in order to limit the exposure to exchange rate fluctuations as of December 31, 2019 and is presented in millions of U.S. dollar equivalent terms:

Forward	Notional Amount*	Unrealized Gain (Loss)
<i>Buy US\$ and Sell:</i>		
Euro	330.4	18.9
GBP	38.7	(1.0)
Other various currencies	63.0	1.9
Forward	Notional Amount*	Unrealized Gain (Loss)
<i>Sell US\$ and Buy:</i>		
Euro	81.2	(3.7)
GBP	9.3	0.2
Other various currencies	35.7	(0.7)

* Notional amount information is based on the foreign exchange rate at year end.

Contractual Obligations

	Up to 1 year	2-3 years	4-5 years	More than 5 years
	(U.S. dollars in millions)			
1. Long-Term Debt Obligations ⁽¹⁾	138	203	237	—
2. Series A Notes ⁽¹⁾	56	—	—	—
3. Interest payment ⁽²⁾	19	23	15	—
4. Operating Lease Obligations ⁽³⁾	72	93	36	295
5. Purchase Obligations ⁽³⁾	1,700	389	63	95
6. Other Long-Term Liabilities Reflected on the Company's Balance Sheet under U.S. GAAP ⁽⁴⁾	—	—	—	—
7. Other Long-Term Liabilities ⁽⁵⁾	—	—	—	—
Total	<u>1,985</u>	<u>708</u>	<u>351</u>	<u>390</u>

- (1) The above includes derivative instruments defined as hedge accounting - see Item 18. Financial Statements - Note 2Y.
- (2) All our long-term debt borrowings and Series A Notes bear interest at variable rates, which are indexed to LIBOR (plus a fixed spread). For long-term fixed rate borrowings (mainly Series A Notes) we use variable interest rate swaps, effectively converting our long-term fixed rate borrowings to long-term variable rate borrowings indexed to LIBOR. See also Item 18. Financial Statements - Notes 15 and 16. To estimate the scheduled interest payments related to Series A Notes, we applied the future expected interest rates that were used for calculating the fair value of our interest rate swap at the balance sheet date. To estimate the scheduled interest payments related to our other long-term debt obligations we used the LIBOR (plus a fixed spread) interest rates that were effective at the balance sheet date. The majority of our long-term debt obligations are scheduled to be repaid within a period of two - three years.
- (3) For further description of the Operating Lease Obligations see Item 18. Financial Statements – Note 9. For further description of the Purchase Obligations see above “Long-Term Arrangements and Commitments – Purchase Commitments” and see Item 18. Financial Statements – Note 21F.
- (4) The obligation amount does not include an amount of \$846 million of pension and employee termination liabilities. See Item 18. Financial Statements – Notes 2R and 17. The obligation amount also does not include an amount of \$53 million of tax reserve related to uncertain tax positions. See Item 18. Financial Statements – Note 18.
- (5) See below “Off-Balance Sheet Transactions”.

Off-Balance Sheet Transactions

Buy-Back

In connection with projects in certain countries, Elbit Systems and some of our subsidiaries have entered and may enter in the future into “buy-back” or “offset” or industrial participation agreements, required by a number of our customers as a condition to our obtaining orders for our products and services. These agreements are customary in our industry and are designed to facilitate economic flow back (buy-back) and/or technology transfer to businesses or government agencies in the applicable country.

These commitments may be satisfied by our placement of direct work or vendor orders for supplies and/or services, transfer of technology, investments or other forms of assistance in the applicable country. We attempt to leverage economies of scale by managing our buy-back activities from an overall corporate perspective. The buy-back rules and regulations, as well as the underlying contracts, may differ from one country to another. The ability to fulfill the buy-back obligations may depend, among other things, on the availability of local suppliers with sufficient capability to meet our requirements and which are competitive in cost, quality and schedule. In certain cases, our commitments may also be satisfied through transactions conducted by other parties, including but not limited to our suppliers, or through “swap” transaction among various countries’ buy-back authorities.

We do not commit to buy-back agreements until orders for our products or services are definitive, but in some cases the orders for our products or services may become effective only after our corresponding buy-back commitments become effective. Buy-back programs generally extend at least over the relevant commercial contract period and may provide for penalties in the event we fail to perform in accordance with buy-back requirements. In some cases we provide guarantees in connection with the performance of our buy-back obligations.

Should we be unable to meet such obligations we may be subject to contractual penalties, our guarantees may be drawn upon and our chances of receiving additional business from the applicable customers could be reduced or, in certain cases, eliminated. See Item 3. Risk Factors – General Risks Related to Our Business and Market.

At December 31, 2019, we had outstanding buy-back obligations totaling approximately \$1.35 billion that extend through 2028.

Non-GAAP Financial Data

The following non-GAAP financial data is presented to enable investors to have additional information on our business performance as well as a further basis for periodical comparisons and trends relating to our financial results. We believe such data provides useful information to investors by facilitating more meaningful comparisons of our financial results over time. Such non-GAAP information is used by our management to make strategic decisions, forecast future results and evaluate our current performance. However, investors are cautioned that, unlike financial measures prepared in accordance with GAAP, non-GAAP measures may not be comparable with the calculation of similar measures for other companies.

The non-GAAP financial data below includes reconciliation adjustments regarding non-GAAP gross profit, operating income, net income and diluted EPS. In arriving at non-GAAP presentations, companies generally factor out items such as those that have a non-recurring impact on the income statements, various non-cash items, including significant exchange rate differences, significant effects of retroactive tax legislation, changes in accounting guidance and other items and financial transactions not considered to be part of regular ongoing business, which, in management’s judgment, are items that are considered to be outside the review of core operating results. In our non-GAAP presentation, we made certain adjustments as indicated in the table below.

These non-GAAP measures are not based on any comprehensive set of accounting rules or principles. We believe that non-GAAP measures have limitations in that they do not reflect all of the amounts associated with our results of operations, as determined in accordance with GAAP, and that these measures should only be used to evaluate our results of operations in conjunction with the corresponding GAAP measures. Investors should consider non-GAAP financial measures in addition to, and not as replacements for or superior to, measures of financial performance prepared in accordance with GAAP.

**Reconciliation of GAAP (Audited) to
Non-GAAP (Unaudited) Supplemental Financial Data**
(U.S. dollars in millions, except for per share amounts)

	Years Ended December 31,		
	2019	2018	2017
GAAP gross profit	1,136.5	976.2	1003.1
<u>Adjustments:</u>			
Amortization of purchased intangible assets	22.0	19.1	22.2
Expenses related to acquisitions	55.0	66.6	—
Non-GAAP gross profit	<u>1,213.5</u>	<u>1,061.9</u>	<u>1,025.3</u>
Percent of revenues	26.9%	28.8%	30.4%
GAAP operating income	321.6	292.8	324.4
<u>Adjustments:</u>			
Amortization of purchased intangible assets	36.1	26.5	28.6
Expenses related to acquisitions	55.0	66.8	—
Gain from change in holdings	(1.2)	(45.4)	—
Capital gain	(31.8)	—	—
Non-GAAP operating income	<u>379.7</u>	<u>340.7</u>	<u>353.0</u>
Percent of revenues	8.4%	9.2%	10.5%
GAAP net income attributable to Elbit Systems' shareholders	227.9	206.7	239.1
<u>Adjustments:</u>			
Amortization of purchased intangible assets	36.1	26.5	28.6
Expenses related to acquisitions	55.0	66.8	—
Gain from changes in holdings	(1.2)	(45.4)	—
Capital gain	(31.8)	—	—
Revaluation of investment measured under fair value option	(8.3)	—	—
Impairment of investments	3.7	17.6	—
Non-operating foreign exchange loss	24.6	3.4	—
Tax effect and other tax items*	(8.2)	(8.1)	6.2
Non-GAAP net income attributable to Elbit Systems' shareholders	<u>297.8</u>	<u>267.5</u>	<u>273.9</u>
Percent of revenues	6.6%	7.3%	8.1%
GAAP diluted net EPS	5.20	4.83	5.54
Adjustments, net	1.59	1.42	0.87
Non-GAAP diluted net EPS	<u>6.79</u>	<u>6.25</u>	<u>6.41</u>

* Tax effect in 2017 included \$10.9 million related to the tax reform in the U.S.

Item 6. Directors, Senior Management and Employees.

Directors and Executive Officers

Board of Directors (Board)

Our directors as of March 18, 2020 are as follows:

Name	Age	Director Since
Michael Federmann (Chair)	76	2000
Rina Baum	74	2001
Yoram Ben-Zeev	75	2014
David Federmann (Vice Chair)	45	2007
Dr. Yehoshua Gleitman (External Director)	70	2010
Moshe Kaplinsky (External Director)	63	2020
Dov Ninveh	72	2000*
Professor Ehood (Udi) Nisan	52	2016
Bilha (Billy) Shapira (External Director)	67	2019
Professor Yuli Tamir	66	2015

* was not a member of the Board from April to October 2013

The term of office of each director, other than the External Directors, expires at the conclusion of the annual general shareholders meeting to be held during 2020. The term of office for Yehoshua Gleitman as an External Director expires on March 31, 2020, the first three-year term of office for Bilha (Billy) Shapira as an External Director expires in November 2022 and the first three-year term of office for Moshe Kaplinsky as an External Director expires in March 2023.

Michael Federmann. Michael Federmann has served as chair of the Board since 2000. Since 2002 he has served as chair and CEO of Federmann Enterprises Ltd. (FEL), a privately-owned Israeli company in which Mr. Federmann has held managerial positions since 1969. FEL, directly and through subsidiaries, holds a diversified portfolio of investments, including ownership of approximately 44.3% of the Company's outstanding shares. FEL also has ownership interests in Dan Hotels Ltd. (Dan Hotels), an Israeli hotel chain, in Freiburger Compound Materials GmbH (Freiberger), a German company engaged in the supply of materials for the semi-conductor industry, as well as in several financial, real estate and venture capital investments. Mr. Federmann also serves as chair of the board of directors of Dan Hotels. He serves as the president of the Germany - Israel Chamber of Industry and Commerce, was awarded the Order of Merit of the Federal Republic of Germany and is an Honorary Commander of the Order of the British Empire (CBE). Mr. Federmann holds a bachelor's degree in economics and political science from the Hebrew University of Jerusalem (the Hebrew University), which has also awarded him an honorary doctorate in philosophy.

Rina Baum. Rina Baum is vice president for investments of FEL and since 1986 has served as a director and as general manager of Unico Investment Company Ltd. She serves as a director of Dan Hotels and Etanit Building Products Ltd. (Etanit), and holds other managerial positions with investee companies of FEL. Mrs. Baum holds a law degree (LL.B) from the Hebrew University.

Yoram Ben-Zeev. Yoram Ben-Zeev serves as an External Director of Kardan Real Estate Ltd., as well as on the boards of several non-profit organizations in Israel. He served as Israel's ambassador to the Federal Republic of Germany from 2007 until 2012. Prior to that, he served for 26 years in various senior positions in the Israel Ministry of Foreign Affairs (MFA), including as deputy general director, head of the North America Division and senior member of the directorate. Among other positions held during his service in the MFA, Mr. Ben-Zeev served as Israel's Consul General to the West Coast in the United States, political advisor to the president of the State of Israel, special coordinator to the Middle East peace process, advisor to prime minister Ehud Barak for the Camp David Peace Conference, chair of the MFA's Steering Committee - Foreign Service Strategic and Functional Planning and of the Israel-Canada Annual Strategic Forum and member of the MFA's Nomination Committee. Mr. Ben-Zeev has been the recipient of special awards for his diplomatic service from both the U.S. House of Representatives and the president of the Federal Republic of Germany. Mr. Ben-Zeev holds a bachelor's degree in middle eastern studies, political science and international relations from the Hebrew University and a master's degree in middle eastern studies from Tel-Aviv University. Mr. Ben Zeev serves as the chair of the Corporate Governance and Nominating Committee of the Board and as a member of the Audit Committee, the Financial Statements Review Committee and the Compensation Committee of the Board.

David Federmann. David Federmann has served as vice chair of the Board since 2015. He has served in various management capacities in FEL since 2000. He currently serves as chair of the board of Freiburger and as a member of the boards of directors of Dan Hotels, BGN Technologies Ltd. (the technology transfer company of Ben-Gurion University), and several other private companies. David Federmann is the son of Michael Federmann, chair of the Board. Mr. Federmann holds a bachelor's degree in mathematics and philosophy from New York University.

Dr. Yehoshua Gleitman (External Director). Dr. Yehoshua (Shuki) Gleitman has served since 2001 as the managing partner of Platinum VC, a venture capital firm. He currently serves as chair of the board of directors of Capital Point Ltd., of GLK Investment and Management Company Ltd., and of GIBF - Guangzhou Israel Bio Tech Fund and of Teuza - A Fairchild Technology Venture Ltd., and is a member of the board of G Medical Innovations Holdings Ltd., a company incorporated in the Cayman Islands. In 2019, Dr. Gleitman became a member of the board of trustees of the Hebrew University. From 2000 until 2005, he was the chief executive officer and a director of SFKT Ltd. From 1997 until 1999, Dr. Gleitman was the chief executive officer of Ampal-American Israel Corporation. Prior to that he served in various senior management positions in the Israeli government and in Israeli industry, including as director general and chief scientist of the Israel Ministry of Industry and Trade, chair of the U.S.-Israel Industrial R&D Foundation, joint chair of the U.S.-Israel Science and Technology Commission, managing director of AIMS Ltd., vice president and general manager of Elop Electro-Optic Industries Ltd.'s (Elop) marine and aerial operations and head of the Laser Branch of the Israel Ministry of Defense. Dr. Gleitman serves as the honorary consul general of Singapore to Israel. Dr. Gleitman holds bachelor of science, master of science and PhD degrees in physical chemistry from the Hebrew University. Dr. Gleitman serves as the chair of the Audit Committee and the Financial Statements Review Committee of the Board and as a member of the Compensation Committee and the Corporate Governance and Nominating Committee of the Board. He is considered by the Board to have accounting and financial expertise under the Companies Law.

Moshe Kaplinsky (External Director). Moshe Kaplinsky served as the CEO of Neshar Israel Cement Enterprises Ltd. (Neshar), Israel's leading cement producer, and of Mashav Initiating and Development Ltd. (Mashav), a company operating in the areas of infrastructure, imports and energy, from 2013 to January 2020. During such time, Mr. Kaplinsky served as a director in various companies related to Neshar and Mashav. From 2007 to 2012, Mr. Kaplinsky served as CEO of Better Place Israel, a venture-backed company that aimed to reduce global dependency on oil through the creation of a market-based transportation infrastructure supporting electric vehicles. In 2007, he completed 31 years of service in the Israel Defense Forces (IDF), retiring with the rank of major general. From 2005 to 2007, he served as Deputy Chief of the General Staff of the IDF. Before that, he served in a number of command positions including as military secretary to the Prime Minister and as commander of the IDF's Central Command. Mr. Kaplinsky holds a bachelor's degree in economics and business administration from Bar Ilan University and a master's degree in executive business administration from Tel Aviv University. Mr. Kaplinsky serves as a member of the Audit Committee, the Financial Statements Review Committee, the Compensation Committee and the Corporate Governance and Nominating Committee of the Board. He is considered by the Board to have accounting and financial expertise under the Companies Law.

Dov Ninveh. Dov Ninveh has served as chief financial officer and a manager in FEL since 1994 and as the general manager of Heris Aktiengesellschaft since 2012. He serves as a member of the board of directors of Dan Hotels, Etanit and Freiburger. Mr. Ninveh served as a director of Elop from 1996 until 2000. From 1989 to 1994, he served as deputy general manager of Etanit. Mr. Ninveh holds a bachelor of science degree in economics and management from the Israel Institute of Technology (the Technion).

Professor Ehood (Udi) Nisan. Prof. Ehood (Udi) Nisan is a professor in the School of Public Policy and Government of the Hebrew University. He is an External Director of Harel Insurance Finance Services Ltd. and Rekah Pharmaceutical Industry Ltd., and a member of the board of Bezael Academy of Art and chair of its finance committee. From 2013 to 2016, he was the chair of the board of directors of Delek, The Israel Fuel Corporation Ltd. From 2009 to 2011, Prof. Nisan was the director of the budgets department of the Israeli Ministry of Finance, and from 2007 to 2009, he served as the director of the Government Companies Authority. Prior to that he served in various executive positions in the Israeli Ministry of Finance and served as a member and chair of several government and public committees, including from 1999 until 2002 as the CEO of the Jerusalem Development Authority. Prof. Nisan holds bachelor's and master's degrees in economics and business administration, and a PhD in public economics and policy from the Hebrew University. During 2006 - 2007, Prof. Nisan completed his post-doctoral studies at Harvard University's Kennedy School, where he was also a Senior Fellow in 2011 - 2012. Prof. Nisan serves as a member of the Audit Committee and the Financial Statements Review Committee of the Board. He is considered by the Board to have accounting and financial expertise under the Companies Law.

Bilha (Billy) Shapira (External Director). Mrs. Bilha (Billy) Shapira serves as a member of the board of governors and the audit committee of the Azrieli College of Engineering, as a member of the Jerusalem Transportation Master Plan Team and as a member of the boards of several non-profit organizations in Israel. From 2018 until March 2020, she was the head of the Israeli branch of Helmholtz Association of German Research Centers, a German association with centers worldwide that promotes research collaboration between German institutions and industries and foreign academic institutions, industrial entities and governmental research bodies. From 2009 until 2017, Mrs. Shapira served as vice president and CEO of the Hebrew University and as the CEO of VERA - the Association of Heads of Universities in Israel. Prior to that, she served for 36 years in various management capacities in the Hebrew University. Mrs. Shapira holds a bachelor's degree in Russian studies and international relations and a master's degree in administration and public policy from the Hebrew University. Mrs. Shapira serves as chair of the Compensation Committee and is a member of the Audit Committee, the Financial Statements Review Committee and the Corporate Governance and Nominating Committee of the Board.

Professor Yuli Tamir. Prof. Yuli Tamir has served since 2010 as the President of Shenkar College, a public college in Ramat-Gan, Israel. Before that, from 2006 until 2009, she served as Israel's Minister of Education. Prof. Tamir also served as the Minister of Immigration from 1999 until 2001. She was a deputy speaker of the Knesset and a member of the Finance Committee, the Education Committee and the Security and Foreign Affairs Committee. Prof. Tamir is a founding member of the Israeli peace movement "Peace Now". She served as the chair of the Association of Civil Rights in Israel and was a member of the political committee of the Women's Lobby. She was a professor at Tel-Aviv University and a scholar-in-residence at Princeton University, Harvard University, the University of Pennsylvania, the European University in Florence, the Central European University in Budapest and the Blavatnik School of Government in Oxford. Prof. Tamir is the recipient of numerous academic awards. Prof. Tamir holds a bachelors of science degree in biology, a master's degree in political science from the Hebrew University and a PhD in political philosophy from Oxford University. Prof. Tamir serves as a member of the Audit Committee and the Financial Statements Review Committee of the Board.

Executive Officers

Our executive officers, the President and CEO and the Executive Vice Presidents who report to the President and CEO) as of March 15, 2020 are as follows:

Name	Age	Position
Bezhael Machlis	57	President and Chief Executive Officer
Elad Aharonson	46	Executive Vice President and General Manager – ISTAR Division
Jonathan Ariel	63	Executive Vice President and Chief Legal Officer
David Block Temin	64	Executive Vice President, Chief Compliance Officer and Senior Counsel
Haim Delmar	50	Executive Vice President and General Manager - C4I and Cyber Division
Joseph Gaspar	71	Executive Vice President and Chief Financial Officer
Zeev Gofer	67	Executive Vice President – Strategic and Business Development - North America
Dr. Shelly Gordon	59	Executive Vice President – Human Resources
Ran Kril	49	Executive Vice President - International Marketing and Business Development
Edgar Maimon	65	Executive Vice President and General Manager – EW and SIGINT Elisra Division
Ilan Pacholder	65	Executive Vice President – Mergers and Acquisitions and Financing
Yuval Ramon	54	Executive Vice President and Chief Operating Officer
Yoram Shmueli	59	Executive Vice President and General Manager – Aerospace Division
Yehuda Vered	62	Executive Vice President and General Manager – Land Division
Yehoshua Yehuda	53	Executive Vice President - Strategy and Chief Technology Officer

Bezhael Machlis. Bezhael Machlis has served as the Company’s President and CEO since 2013. From 2008 until 2012, he served as executive vice president and general manager – land and C4I division, after serving as corporate vice president and general manager – land systems and C4I since 2004. In 2003, he served as corporate vice president and general manager – ground, C4I and battlefield systems. From 2000 until 2002, he served as vice president – battlefield and information systems. Mr. Machlis joined Elbit Ltd. in 1991 and held various management positions in the battlefield and information systems area. Prior to that, he served as an artillery officer in the IDF, where he holds the rank of colonel (reserves). Mr. Machlis holds a bachelor of science degree in mechanical engineering, a bachelor of arts degree in computer science from the Technion and an MBA from Tel-Aviv University. He is a graduate of Harvard University Business School’s Advanced Management Program.

Elad Aharonson. Elad Aharonson has served as Executive Vice President and General Manager - ISTAR Division since 2015. From 2011 until his current appointment, he served as executive vice president and general manager - UAS Division, after serving as vice president - UAV systems since 2009. He joined Elbit Systems in 2004 and held various senior program management positions relating to UAS. Prior to that, Mr. Aharonson served as an officer in the IDF holding command positions in the Artillery Branch and in the Ground Forces’ UAV unit. Mr. Aharonson holds a law degree (LL.B.) and a bachelor’s degree in business administration from the Hebrew University.

Jonathan Ariel. Jonathan Ariel has served as Executive Vice President and Chief Legal Officer since 2012, after serving as senior vice president and general counsel since 2008. He joined Elbit Systems in 1996 and has held several positions within the legal department, including vice president and general counsel of Elop. Prior to joining Elbit Systems, Mr. Ariel served as a legal advisor both in-house and in private law firms in Israel and the U.S. Mr. Ariel holds a law degree (LL.B.) from Tel-Aviv University and is admitted to the Israeli Bar.

David Block Temin. David Block Temin has served as Executive Vice President, Chief Compliance Officer and Senior Counsel since 2012, after serving as executive vice president, chief legal officer and chief compliance officer since 2008. Prior to that he served as corporate vice president and general counsel since 2000 and as general counsel since 1996. From 1987 to 1996, he was a legal advisor to Elbit Ltd. Prior to that, Mr. Block Temin was an attorney with law firms in New York City. Mr. Block Temin received a juris doctor degree as well as a master of arts degree in international relations from Stanford University and holds a bachelor of arts degree in political science from the University of Maryland. He is admitted to the Israeli Bar.

Haim Delmar. Haim Delmar was appointed Executive Vice President and General Manager – C4I and Cyber Division in 2018, after serving as senior vice president for C4ISR & HLS in the land & C4I division since 2009. Mr. Delmar joined Elbit Systems in 1993 and held various engineering and management positions in the battlefield and information systems area. From 2000 until 2004, he served in executive positions at Utopy Inc. and Mobilitec Inc. in the telecommunication and data mining fields, returning to Elbit Systems in 2004. Mr. Delmar holds a bachelor of science degree in computer engineering from the Technion and is a graduate of the Harvard University Business School's Advanced Management Program.

Joseph Gaspar. Joseph Gaspar was appointed as an Executive Vice President in 2008 and has served as Chief Financial Officer since 2001. He was appointed as a corporate vice president in 2000 and served as corporate vice president – strategy, technology and subsidiaries from 2000 until 2001. From 1996 until 2000, he held the position of corporate vice president, marketing and business development of Elop. Mr. Gaspar joined Elop in 1975 and held several management positions, including vice president and general manager of Elop's optronics product division and co-manager of an Elop subsidiary in the United States. Mr. Gaspar holds a bachelor of science degree from the Technion in electronic engineering with advanced studies in digital signal processing and communication.

Zeev Gofer. Zeev Gofer has served as Executive Vice President – Strategic and Business Development – North America since 2009. From 2008 until his current appointment he was executive vice president – business development and marketing, after serving as corporate vice president – business development and marketing since 2003. He previously served as corporate vice president and as co-general manager – aircraft and helicopter upgrades and systems from 2000 until 2003. From 1999 until 2000, he was vice president – aircraft upgrades and airborne systems division, having served as division manager since 1996. He joined Elbit Ltd. in 1982 and held various management positions, including director of the aircraft upgrade division, director of a major aircraft upgrade program, director of avionics system engineering and technical manager of the Lavi aircraft avionics program. Mr. Gofer holds bachelor's and master of science degrees in electronic engineering from the Technion and a master of science of management degree from the Polytechnic University of New York.

Dr. Shelly Gordon. Dr. Shelly Gordon was appointed as Executive Vice President - Human Resources shortly after joining Elbit Systems in 2015. From 2012 until joining Elbit Systems, she headed executive education at the Interdisciplinary Center Herzilya. From 2005 until 2012, Dr. Gordon served as vice president - organizational development and talent management at Amdocs Limited and served as vice president - human resources at Elite Confectionary Ltd. from 2000 until 2005. Prior to that, she worked as an independent consultant with management teams and senior managers, leading major transformations in varied organizations and industries. Dr. Gordon received a bachelor's degree in education and art from the Hebrew University, a bachelor's degree in psychology from Tel-Aviv University and a doctorate in management studies from the University of Hertfordshire in the U.K.

Ran Kril. Ran Kril was appointed as Executive Vice President - International Marketing and Business Development in 2015. From 2013 until his current appointment, he served as vice president for marketing and sales in the aerospace division, after serving as the aerospace division's vice president for sales and contracts since 2007. He joined Elbit Systems in 1997 and held various senior positions in the marketing, sales and finance departments of the aerospace division. Mr. Kril holds a bachelor of science degree in economics and management from the Technion and a master of science of management degree from the Polytechnic University of New York.

Edgar Maimon. Edgar Maimon has served as Executive Vice President and General Manager – EW and SIGINT Elisra Division since 2013. From 2005 until his current appointment Mr. Maimon served as vice president of marketing and business development at Elbit Systems EW and SIGINT – Elisra Ltd. (Elisra). He joined Elisra in 2004. Prior to that Mr. Maimon served for 26 years in the IAF, where he retired with the rank of colonel. He served as the head of the IAF's C4I systems engineering department and held several additional senior positions in the IAF. Mr. Maimon holds a bachelor of science degree in electronic engineering from Ben Gurion University.

Ilan Pacholder. Ilan Pacholder has served as Executive Vice President – Mergers and Acquisitions since 2009, in addition to his position as Executive Vice President – Financing to which he was appointed in 2008. From 2008 until 2015, he also served as executive vice president - offset. During 2007, he served as vice president and chief financial officer of Tadiran Communications Ltd. Mr. Pacholder served as corporate secretary and vice president – finance and capital markets of Elbit Systems from 2003 until 2006. From 2001 until 2003, he served as vice president – finance. Mr. Pacholder joined Elbit Ltd. in 1994 and held various senior positions in the finance department. Prior to joining Elbit Ltd. he served as the chief financial officer for Sanyo Industries in New York. Before that Mr. Pacholder worked for Bank Leumi in New York and held the position of vice president in the international and domestic lending departments. Mr. Pacholder holds a bachelor of arts degree in accounting and economics from Queens College in New York and an MBA in finance and investments from Adelphi University.

Yuval Ramon. Yuval Ramon was appointed Executive Vice President and Chief Operating Officer in 2015. From 2014 until his current appointment, he served as vice president - corporate operations. Prior to that, from 1998 - 2013, he served in a number of management positions in Elbit Systems of America, including as senior vice president of operations, site lead at the Merrimack operations and director of sales and contracts for the Fort Worth operations. He joined Elbit Systems in 1994 as a sales and contract manager. Mr. Ramon holds a bachelor of science degree in industrial engineering and economics from the Technion.

Yoram Shmuely. Yoram Shmuely has served as Executive Vice President and General Manager – Aerospace Division since 2013, after serving as executive vice president and co-general manager of the aerospace division since 2008. Mr. Shmuely served as corporate vice president and co-general manager – airborne and helmet systems since 2003. He served as corporate vice president and general manager – helmet mounted systems from 2000 until 2003. From 1998 until 2000, he was vice president – helmet mounted systems division. From 1996 until 1998, he served as president of a U.S. subsidiary of Elbit Systems. Mr. Shmuely joined Elbit Ltd. in 1990 and served as director of Elbit Ltd.'s helmet mounted display business. He served as a fighter aircraft pilot in the IAF. Mr. Shmuely holds a bachelor of science degree in electronic engineering from the Technion.

Yehuda Vered. Yehuda (Udi) Vered has served as Executive Vice President and General Manager – Land Division since 2018, after serving as executive vice president and general manager of the land and C4I division since 2013. From 2009 until 2013, Mr. Vered served as executive vice president – service solutions as well as vice president – marketing for the land and C4I division. Prior to that, since 2004 he served as chief financial officer and vice president for contracts and sales of the land and C4I division. Mr. Vered joined Elbit Systems in 2003 as vice president for contracts and sales and chief financial officer – ground, C4I and battlefield systems. Before that, he served as an aircrew officer in the IAF, where he holds the rank of colonel (reserves). Mr. Vered holds a bachelor of arts degree in management and economics from Tel-Aviv University, an MBA from Ben Gurion University and is a graduate of the Harvard University Business School's Advanced Management Program.

Yehoshua Yehuda. Yehoshua (Shuki) Yehuda was appointed as Executive Vice President and Strategy and Chief Technology Officer in January 2020. From 2016 until his current appointment, he served as executive vice president and chief technology officer. From 2008 until his current appointment, he served as Elisra's vice president and chief technology officer as well as general manager - radar solutions business unit. Prior to that he served in a number of management positions in Elisra, which he joined in 2000. Prior to joining Elisra, Mr. Yehuda served as an officer in the IDF, holding command positions in the Intelligence Corps. Mr. Yehuda holds a bachelor of science degree in electrical engineering from Tel-Aviv University and a master of science degree in neural computation from the Hebrew University. He is a graduate of Harvard University Business School's Advanced Management Program.

President and CEO of Elbit Systems of America

Elbit Systems of America's President and CEO reports to the board of directors of Elbit Systems of America in accordance with the provisions of the Special Security Agreement with the U.S. Department of Defense. See Item 4. Information on the Company – U.S. Subsidiaries. Raanan Horowitz has served as President and CEO of Elbit Systems of America since 2007. He served as executive vice president and general manager of EFW from 2001 until his current appointment. From 1991 until 2001, Mr. Horowitz held various management positions with EFW and other U.S. subsidiaries of the Company. From 1989 to 1991, he served as a senior program manager for Elbit Ltd. Mr. Horowitz previously served on the executive committee of the board of governors of the Aerospace Industries Association and was previously a member of the national board of directors of the Leukemia and Lymphoma Society. Mr. Horowitz holds an MBA from the Seidman School of Business of Grand Valley State University in Allendale, Michigan. He also holds a master of science degree in electrical engineering and a bachelor of science degree in mechanical engineering from Tel-Aviv University.

Compensation of Directors and Executive Officers

Compensation Policy

Pursuant to the Companies Law, a public company such as Elbit Systems is required to adopt a compensation policy regarding the terms of office and employment of its Office Holders (as defined in the Companies Law) (generally Elbit Systems' directors and executive officers), including compensation, equity-based awards, exemption from liability, indemnification and insurance, severance and all other benefits (Employment Terms).

The Companies Law also requires that an adopted compensation policy be reviewed from time to time by the compensation committee and the board of directors of the company, to ensure its alignment with the company's goals, work plan and other policies from a long-term perspective, as well as the compensation policy's appropriateness to the company considering, among other factors, the company's risk management policy and the company's size and nature of operations.

In addition, pursuant to the Companies Law, every three years a compensation policy needs to be re-approved by the board of directors, following the recommendation of the compensation committee, and re-approved by the company's shareholders, by a Special Uninterested Majority (as defined below). In the event that the compensation policy is not approved by the shareholders by a Special Uninterested Majority, the board of directors may nonetheless approve it, provided that the compensation committee and the board of directors, following further discussion of the matter and for specified reasons, determine that the approval of the compensation policy is, notwithstanding the shareholders disapproval, in the best interests of the company.

Special Uninterested Majority means the affirmative vote of a majority of the voting power in the company present at the respective meeting either in person, by proxy or by a voting instrument, and voting on the respective resolution, provided that, either : (a) such majority includes a majority of the shareholders who are not controlling shareholders of the company and do not have a "Personal Interest" in the approval of the respective resolution (disregarding abstentions) or (b) the total number of shares of the shareholders referred to in (a) above that are voted against the approval of the proposed resolution does not exceed two percent (2%) of the total voting rights in the company. For the definition of Personal Interest see Item 10. Additional Information - Approval of Certain Transactions - Personal Interest and Extraordinary Transactions.

At the Shareholders' Extraordinary General Meeting held on April 11, 2018, our shareholders, following a favorable recommendation of the Compensation Committee of the Board (the Compensation Committee) and the approval of the Board, approved a compensation policy (the Compensation Policy) applicable to Employment Terms and arrangements with our Office Holders. At the Shareholders' Extraordinary General Meeting held on February 26, 2020, following a favorable recommendation of the Compensation Committee and approval of the Board, our shareholders approved an amendment to the Compensation Policy increasing the authorized coverage limit and maximum annual premium for directors and officers liability insurance policies. For further information see below Item 10, Additional Information - Exemption, Insurance and Indemnification of Directors and Officers.

In accordance with the provisions of the Companies Law as set forth above, the Compensation Policy will be in effect for a three-year period ending in 2021 or as otherwise may be mandated from time to time by the Companies Law.

For further information about the approval of Employment Terms of our Office Holders, see Item 10. Additional Information - Approval of Certain Transactions - Approval of Employment Terms of Office Holders.

Compensation of Directors and Executive Officers

Aggregate Compensation to Directors and Executive Officers

The following table sets forth the aggregate compensation costs for all of our directors and executive officers as a group for the fiscal year ended December 31, 2019:

	Salaries, Directors' Fees Commissions and Bonuses	Pension, Retirement and Similar Benefits
	(U.S. dollars in thousands)	
All directors (consisting of 10 persons)	\$ 535,000 ⁽¹⁾	\$ —
All executive officers (consisting of 16 persons)	\$ 10,161 ⁽²⁾⁽³⁾⁽⁴⁾	\$ 1,416

(1) Directors Fees

In accordance with the Compensation Policy and with the Israeli Companies Regulations (Relief from Related Parties' Transactions), 5760-2000, in meetings held on October 6, 2019, the Compensation Committee and the Board approved payment to the Company's directors, including to Michael Federmann and David Federmann (who each may be considered a direct or indirect controlling shareholder of the Company), in accordance with maximum regulatory rates payable to External Directors under Israeli law for companies similarly classified based on their shareholding equity, which rates are also paid to the Company's External Directors, as well as reimbursement of expenses in accordance with Israeli law and the Company's procedures, which are also paid to the Company's External Directors. As a result, each of the Company's directors is and will be entitled to an annual fee of NIS 111,115 (equal to approximately \$31,173) and a per meeting fee of NIS 4,275 (equal to approximately \$1,199), which reflect the above mentioned fee levels, linked to the Israeli consumer price index.

(2) 2012 Phantom Bonus Retention Plan

- (i) In 2012, our Board approved a "Phantom" Bonus Retention Plan for Senior Officers (the 2012 Phantom Plan). The purpose of the 2012 Phantom Plan is to provide an incentive to retain applicable senior officers of Elbit Systems and certain of our subsidiaries by strengthening the alignment of the 2012 Phantom Plan recipients' financial interests with those of the Company and our shareholders. Under the 2012 Phantom Plan, phantom bonus units were granted to executive officers within the framework of three consecutive yearly tranches, each such tranche comprised of an equal number of units which entitle the recipient the right to receive the financial benefit (Unit Benefits) deriving from increases in the value of the Company's shares during the applicable periods, subject to certain restrictions. Unit Benefits are calculated separately for each tranche. The Unit Benefits accrual period for each tranche is three years from the respective grant date of the applicable bonus units.
- (ii) At the end of each year during the Unit Benefits accrual period for each tranche, the Company calculates the value of each Unit Benefit for such year (the Unit Benefits Value). The Unit Benefits Value is the difference between:
 - (i) the basic value for that year - i.e. the average closing price on the TASE of the Company's shares for the thirty (30) trading days preceding the beginning of the respective year, and
 - (ii) the year-end value for said year - i.e. the average closing price on the TASE of the Company's shares for the thirty (30) trading days preceding the end of the relevant year.
- (iii) The accrued Unit Benefits Value for each yearly tranche is the sum of the first year Unit Benefits Value, the second year Unit Benefits Value and the third year Unit Benefits value for that tranche. Because of certain conditions in the 2012 Phantom Plan, the Unit Benefits Value for a particular year of a tranche may be zero or only part of the calculated Unit Benefits Value for that year. The aggregate maximum Unit Benefits Value of a unit granted for the full three years of a tranche may not exceed 100% of the basic value determined for that tranche for its first year. Except in certain circumstances described in the 2012 Phantom Plan, the accrued Unit Benefits Value of a tranche is paid to the recipient at the end of the third year of the respective tranche.

- (iv) Except as otherwise provided in the 2012 Phantom Plan, entitlement to receipt of benefits is conditioned on the recipient remaining an employee of the Company. The benefits received under the 2012 Phantom Plan are subject to tax at the regular personal income tax rates.
- (v) We recorded amounts of approximately \$0.4 million and \$0.9 million in 2018 and 2019, respectively, as compensation costs related to grants to our executive officers under the 2012 Phantom Plan. See Item 18. Financial Statements – Note 22G.

(3) 2018 - Equity Incentive Plan for Executive Officers and Equity Plans in Other Entities Established by the Company

- (i) We recorded an amount of approximately \$1.4 million and \$4.1 million in 2018 and 2019, respectively, as compensation costs related to options granted to our Executive Officers under our 2018 Equity Incentive Plan for Executive Officers. See below "Share Ownership - Elbit Systems' Stock Option Plans - 2018 - Equity Incentive Plan for Executive Officers" and Item 18. Financial Statements Notes 22C and 22D.
- (ii) In addition, we recorded in 2019, an amount of approximately \$0.2 million as compensation costs related to options granted to our Executive Officers in start-up entities or similar ventures established by the Company (whether by allocation of options by the start-up entities themselves or by allocation of shares or options to purchase shares of such start-up entities which are held by the Company) (Options in Other Entities).

(4) Other Compensation

In addition to payment of monthly salary and annual bonus, our executive officers are entitled to reimbursement of travel and certain other expenses in a manner similar to other employees.

Office Holders of the Company, including our directors and executive officers, are covered by our D&O liability insurance policy and are entitled to indemnification and exemption in accordance with our Articles of Association and pursuant to an indemnification letter as approved by our shareholders. See Item 10. Additional Information - Exemption, Insurance and Indemnification of Directors and Officers - Exemption, Insurance and Indemnification under the Companies Law.

Compensation of Five Most Highly Compensated Office Holders

The following describes the compensation of our five most highly compensated Office Holders with respect to the year ended December 31, 2019. All amounts specified are in terms of cost to the Company as recorded in our financial statements.

Compensation for each of the specified Office Holders is indicated in terms of the following types of compensation costs:

(1) Salary Costs. Salary Costs include gross salary and, if and to the extent applicable to a respective Office Holder, social and other benefits such as vacation days, sick days, convalescence pay, monthly remuneration for a study fund, contributions made by the Company on behalf of the Office Holders to an insurance policy or a pension fund, contributions by the Company on behalf of the Office Holders towards work disability insurance and other benefits such as company car and communication costs. U.S. dollar amounts indicated for Salary Costs are based on the exchange rate of 3.555 which represents the average weighted U.S. dollar - NIS exchange rate for the date of payments for each of the months during 2019 (Average Exchange Rate).

(2) Bonus Costs. Bonus Costs represent bonuses (annual, managerial evaluation and/or special, as the case may be) recorded in connection with the Office Holders with respect to the year ended December 31, 2019. U.S. dollar amounts indicated for Bonus Costs are based on the Average Exchange Rate .

(3) Phantom Bonus Costs. Phantom Bonus Costs are costs recorded with respect to the year ended December 31, 2019 related to the value of benefits under tranches of phantom bonus units granted to the Office Holders under our 2012 Phantom Bonus Retention Plan. See above "Aggregate Compensation to Directors and Officers - Table - Note (2)" and Item 18. Financial Statements - Note 22G. Benefits under the 2012 Phantom Plan cover tranches payable over three years.

(4) **Stock Option Costs.** Stock Option Costs are costs recorded with respect to the year ended December 31, 2019 related to the 2018 Equity Incentive Plan for Executive Officers. See above “Aggregate Compensation to Directors and Officers - Table - Note (3)”, below “Share Ownership - Elbit Systems’ Stock Option Plans - 2018 - Equity Incentive Plan for Executive Officers” and Item 18. Financial Statements - Notes 22C and 22D. Such Stock Option Costs also relate to Options in Other Entities. See above “Aggregate Compensation to Directors and Officers - Table - Note (3)”.

The five most highly compensated Office Holders in 2019 were as follows (U.S. dollar amounts in thousands):

- (1) *Bez halel Machlis - President and CEO.* Compensation costs recorded for Mr. Machlis in 2019 included: \$1,043 in Salary Costs, \$1,115 in Bonus Costs and \$763 in Stock Options Costs. In March 2019, the Company’s shareholders approved the grant to Mr. Machlis of options to purchase 121,298 ordinary shares par value NIS 0.01 of Cyberbit Ltd., a privately held Israeli company in which we hold an interest (Cyberbit), at an exercise price of \$7.62 per share. Mr. Machlis is also chair of Cyberbit’s board. The grant is in accordance with the Cyberbit employee stock option plan for Cyberbit’s employees and “office holders” (Cyberbit ESOP). Subject to the terms of the Cyberbit ESOP, such options will expire within seven years from the grant date.
- (2) *Yehuda Vered - Executive Vice President and General Manager - Land Division.* Compensation costs recorded for Mr. Vered in 2019 included: \$735 in Salary Costs, \$331 in Bonus Costs and \$452 in Stock Option Costs.
- (3) *Joseph Gaspar - Executive Vice President and Chief Financial Officer.* Compensation costs recorded for Mr. Gaspar in 2019 included: \$710 in Salary Costs, \$276 in Bonus Costs and \$496 in Stock Options Costs.
- (4) *Yoram Shmuelly - Executive Vice President and General Manager - Aerospace Division.* Compensation costs recorded for Mr. Shmuelly in 2019 included: \$702 in Salary Costs, \$155 in Bonus Costs and \$411 in Stock Option Costs.
- (5) *Elad Aharonson - Executive Vice President and General Manager - ISTAR Division.* Compensation costs recorded for Mr. Aharonson in 2019 included: \$634 in Salary Costs, \$116 in Bonus Costs and \$411 in Stock Option Costs.

Board Practices

Appointment of Directors

Our directors, other than our External Directors, are elected by the shareholders at the annual general shareholders meeting. Their term of office is until the conclusion of the next annual general shareholders meeting, which is held at least once every calendar year but not more than 15 months after the previous annual general shareholders meeting. According to our Articles of Association, the approval of our shareholders at a general meeting is generally required to remove any of our directors from office. Between annual general shareholders meetings our Board may appoint new directors to fill vacancies. The External Directors are elected at a general shareholders meeting as described under “External Directors” below. Our Articles of Association authorize a maximum of 17 directors, a minimum of five directors and, unless otherwise determined by our Board or approved by our shareholders, the number of directors will be nine. On February 5, 2020, our Board approved an increase of the number of directors to ten for a limited period, commencing on the appointment of Mr. Kaplinsky as an External Director on March 17, 2020, until the expiration of the term of office of Dr. Gleitman on March 31, 2020.

The Companies Law requires the board of directors of a public company, after considering the company’s type and size and the scope and complexity of its activities, to determine the minimum number of directors on the board having “financial and accounting expertise” as defined in the Companies Law. Our Board has adopted a policy pursuant to which it will include a minimum of two directors having financial and accounting expertise as defined under the Companies Law. Currently our Board has three directors who are considered by the Board to have financial and accounting expertise: Dr. Gleitman, Prof. Nisan and Mr. Kaplinsky. In addition, the Companies Law provides that a person will not be elected and will not serve as a director in a public company if he or she does not have the required qualifications and the ability to dedicate an appropriate amount of time for the performance of his or her director position in the company, taking into consideration, among other factors, the special needs and size of the company. A general shareholders meeting of a company whose shares are publicly traded, at which the election of a director is to be considered, will not be held, and a director will not be elected, unless (i) the nominee has declared to the company that he or she complies with the above-mentioned requirements, (ii) the details of his or her applicable qualifications are provided, (iii) in case such nominee is an “Independent Director” as defined in the Companies Law (see below), the

nominee has also declared that he or she complies with the independence criteria under the Companies Law, and (iv) in case such nominee is an “External Director”, the nominee has declared that he or she complies with the requirements for External Directors provided under the Companies Law. Each of our elected directors has declared to our Board that he or she complies with the required qualifications under the Companies Law for appointment as a member of our Board, detailing his or her applicable qualifications, and that he or she is capable of dedicating the appropriate amount of time for the performance of his or her role as a member of our Board. In addition, Mr. Ben-Zeev, Prof. Nisan and Prof. Tamir also each has declared that he or she complies with the criteria of an Independent Director under the Companies Law, and each of Dr. Gleitman, Mrs. Shapira and Mr. Kaplinsky has declared that he or she complies with the External Director requirements under the Companies Law.

In addition to the External Directors, under the Companies Law and regulations thereunder, a director in a company such as Elbit Systems, who qualifies as an independent director under the relevant non-Israeli rules relating to independence standards, such as the Nasdaq director independence criteria, may be considered an Independent Director pursuant to the Companies Law if such director meets certain conditions listed in the regulations, and provided such director has been designated as such by the audit committee. The Audit Committee has designated Mr. Ben-Zeev, Prof. Nisan and Prof. Tamir as Independent Directors under the Companies Law.

The terms of office of Dr. Gleitman, Mrs. Shapira and Mr. Kaplinsky, the current External Directors on our Board expire as described under “External Directors” below. The other seven current directors were appointed at the annual general meeting of shareholders held in November 2019. There are no service contracts or similar arrangements with any director that provide for benefits upon termination of directorship.

We are subject to Nasdaq rules relating to the composition and practices of our Board. Among other things, these rules require that a majority of our directors be independent under Nasdaq’s criteria and that our Audit Committee, our Compensation Committee and our Corporate Governance and Nominating Committee each be composed exclusively of independent directors. Nominees for appointment or election as a director are recommended by the Board’s Corporate Governance and Nominating Committee. See below “Corporate Governance and Nominating Committee.”

Substitute Directors. The Articles of Association provide that any director may appoint another person to serve as a substitute director. A substitute director must be qualified under the Companies Law to serve as a substitute of the relevant director, and, under the Companies Law, in case the substituted director is an Independent Director as defined in the Companies Law, the substitute director must also comply with the requirements of the Companies Law for Independent Directors, and a substitute for an External Director must also have the same type of “financial and accounting expertise” or “professional competence” as the director he or she replaces. If his or her appointment is for more than one meeting it will be subject to the approval of the Board. Such person may not act as a substitute director for more than one director at the same time. In addition, a Board committee member may not substitute for another Board committee member in meetings of the applicable committee. The same rules, including compensation, will apply to a substitute director as to the director who appointed him or her, and the substitute director may participate in Board and Board committee meetings in the same manner as the appointing director (subject to any applicable independence criteria). Subject to the Companies Law, a director who has appointed a substitute director may revoke the appointment at any time. In addition, the office of a substitute director will be vacated at any time that the office of the director who appointed the substitute is vacated for any reason. Any appointment or revocation of the appointment of a substitute director will be made by notice in writing to the substitute director and Elbit Systems. The appointment or revocation, as the case may be, will become effective on the later of the date of receipt of the above notice or the date fixed in the notice. Appointing a substitute director will not release the appointing director from his/her liabilities, taking into account the applicable circumstances.

External Directors

Under the Companies Law publicly held Israeli companies are required to appoint at least two “External Directors.” Among other requirements, for each publicly held company such as Elbit Systems that is considered to have a controlling shareholder, a person may serve as an External Director if he or she meets the following requirements (the Affiliation Requirements):

- (A) if that person is not a Relative of the controlling shareholder of that company and if that person (and each of that person’s Relatives, partners and employers), or any person to whom he or she is subordinated (directly or indirectly), or any entity controlled by that person, did not have, on the date of the person's appointment or at any time during the two years preceding that person’s appointment as an External Director, any "Affiliation" (as defined in the Companies Law) with any of:

- (1) the applicable company;
- (2) the controlling shareholder of the applicable company or any of his or her Relatives on the date of appointment; or
- (3) any entity controlled, on the date of such appointment or at any time within the preceding two years, by the applicable company or by the controlling shareholder of the applicable company; and

(“Affiliation” means (subject to certain exceptions provided in regulations promulgated under the Companies Law): (i) an employment relationship, (ii) a business or professional relationship maintained on a regular basis (excluding insignificant relationships), (iii) control and (iv) service as an office holder, excluding a director appointed in order to serve as an External Director of a company that is about to offer its shares in an Initial Public Offering.)

(B) if and so long as:

- (1) no conflict of interest exists or may exist between that person’s role as a member of the board of directors of the respective company and that person’s other positions or business activities; and
- (2) such position or business activities does not impair that person’s ability to serve as a director; and

(C) if and so long as:

- (1) that person and each of that person’s Relatives, partners and employers, or any person to whom he or she is subordinated directly or indirectly or any entity controlled by that person has no business or professional relationships with any of the persons or entities mentioned in (A) above, even if such relationship is not on a regular basis (other than a negligible relationship); and
- (2) no other consideration except as permitted under the Companies Law is paid to that person in connection with that person’s position as a director in the relevant company; and

(D) if that person serves also as a member of the board of directors of another company, none of the external directors of that other company serves at the same time as a member of the board of directors of the respective company; and

(E) if that person is not an employee of a securities authority or a stock exchange in Israel.

In general, at least one External Director must have “financial and accounting expertise”, and the other External Director(s) must have “professional competence” as described below. However, in companies such as Elbit Systems that are “dual listed” (for example traded on a stock exchange in both Israel and the U.S.), if one or more other directors who meet the independence criteria applicable to members of the audit committee under the foreign applicable law (including stock exchange rules) have been determined by the board of directors to have “financial and accounting expertise” then it is permissible for any or all of the External Directors to have only “professional competence” as described below.

Under the relevant regulations of the Companies Law, a director has “financial and accounting expertise” if he or she, based on his or her education, experience and qualifications, is highly skilled in respect of, and understands, business accounting matters and financial statements, in a manner that enables him or her to have an in-depth understanding of the company’s financial statements and to stimulate discussion with respect to the manner in which the financial data is presented. The evaluation of the “financial and accounting expertise” of a director is to be made by the board of directors taking into account, inter alia, the parameters specified in the relevant regulations of the Companies Law.

A director has “professional competence” if he or she (1) has an academic degree in either economics, business administration, accounting, law or public administration or an academic degree or other advanced degree in the company’s main area of business or in a field relevant to such position, or (2) has at least five years experience in any of the following positions or five years accumulated experience in two or more of them:

- (i) a senior position in the business management of any corporate entity with a substantial scope of business;
- (ii) a senior public office or a senior position in the public service sector; or
- (iii) a senior position in the field of activity of the company.

The evaluation of the professional competence of a director is to be made by the board of directors.

According to the Companies Law and our Articles of Association, our External Directors serve for a three-year term following which they may stand for up to two additional terms of three years each. Re-election of an External Director for each additional period, beyond the first period, requires that he or she meets the Affiliation Requirements and that he or she:

- (i) is recommended for re-election by one or more shareholders holding at least 1% of all voting rights of the relevant company, and has no affiliations as listed in Section 245(a1)(1)(c) of the Companies Law;
- (ii) is recommended for re-election by the board of directors of the relevant company; or
- (iii) proposes his or her nomination; and

in each case, the nomination is approved by the general meeting of shareholders of the relevant company with the applicable majority requirements as provided by the Companies Law.

In addition, External Directors in companies such as Elbit Systems that are “dual listed” may stand for re-election for additional terms of up to three years each beyond the first three terms, provided that (i) the audit committee and the board have each determined that in light of such External Director’s expertise and unique contribution to the work of the board and its committees, his or her nomination for an additional term of office is in the best interest of the company, (ii) his or her election was approved by the company’s shareholders’ by a Special Uninterested Majority (except that, in this regard, (a) a Personal Interest does not include a Personal Interest that results from such shareholder’s relations with the controlling shareholder and (b) the External Director has no affiliations as listed in Section 245(a1)(1)(c) of the Companies Law) and (iii) the term of office of the respective External Director and the reasons of the audit committee and the board for the extension of the term were presented to the company’s shareholders prior to their approval.

Our Articles of Association allow the External Directors of the Company to be elected to more than three terms of service. According to the Companies Law, any committee of the Board must include at least one External Director, and all External Directors must be members of the Audit Committee and the Compensation Committee.

Dr. Gleitman, Mrs. Shapira and Mr. Kaplinsky currently serve as our Board’s External Directors. At the Shareholders’ Extraordinary General Meeting held on March 6, 2019, our shareholders approved, by the required disinterested majority, the appointment of Dr. Gleitman as an External Director for an additional term of office beyond the first three terms, which additional term ends on March 31, 2020. The first three-year term of office of Mrs. Shapira ends in November 2022. The first three-year term of office of Mr. Kaplinsky ends in March 2023. Dr. Gleitman and Mr. Kaplinsky were each determined by the Board to have “financial and accounting expertise” under Israeli law, and Mrs. Shapira was determined by the Board to have the applicable “professional competence” to serve as an External Director.

Audit Committee. Dr. Gleitman (chair), Mr. Ben-Zeev, Prof. Nisan, Mrs. Shapira, Prof. Tamir and Mr. Kaplinsky are members of the Audit Committee. In accordance with the Companies Law, an audit committee must consist of at least three directors qualified to serve as members of an audit committee under the Companies Law, including all External Directors, and must be comprised of a majority of directors meeting certain independence criteria of the Companies Law. The chair of the audit committee must be an External Director. In accordance with the applicable Nasdaq rules and those of the SEC, Elbit Systems Audit Committee must be comprised solely of independent directors, as defined by said rules. The Audit Committee operates in accordance with an audit committee charter that provides the framework for its oversight functions consistent with Israeli and U.S. legal and regulatory requirements. All of the members of the Audit Committee meet the independence criteria of the Companies Law and have been determined to be independent as defined by the applicable Nasdaq rules and those of the SEC. The Audit Committee meets from time to time in executive sessions and also conducts annual assessments of the sufficiency of its charter and of the Committee’s compliance with its

obligations. See Item 16A. Audit Committee – Financial Expert and Item 16D. Exemptions from the Listing Standards for Audit Committees.

Financial Statements Review Committee

Dr. Gleitman (chair), Mr. Ben-Zeev, Prof. Nisan, Mrs. Shapira, Prof. Tamir and Mr. Kaplinsky are members of the Board's Financial Statements Review Committee. Pursuant to the Israeli Companies Regulations (Financial Statements Approval Procedure), 5770-2010, the financial reports of a public company such as Elbit Systems may be brought for discussion and approval of the board only after such committee has discussed and formulated recommendations to the board in connection with:

- (1) the valuations and estimates used in connection with the financial statements;
- (2) the internal controls related to financial reporting;
- (3) the completeness and appropriateness of disclosure in the financial statements;
- (4) the accounting policy adopted and accounting treatment applied in the material matters of the company; and
- (5) valuations, including the assumptions and estimates underlying them, on which data in the financial statements is provided.

The Financial Statements Review Committee must consist of at least three members, the chair of the committee must be an External Director, and the majority of its members must be directors who meet certain independence requirements of the Companies Law, and, among other criteria, all of its members must be able to read and understand financial statements, with at least one of the independent members having "financial and accounting expertise" (as defined above). Dr. Gleitman, Prof. Nisan and Mr. Kaplinsky have been determined by the Board to have "financial and accounting expertise".

Compensation Committee

Mrs. Shapira (chair), Mr. Ben Zeev, Dr. Gleitman and Mr. Kaplinsky are members of the Board's Compensation Committee. Pursuant to the Companies Law (see above "Compensation to Directors and Executive Officers - Compensation Policy"), the compensation committee of a public company, such as Elbit Systems, is required to consist of at least three members, and all of the External Directors must be members of the committee (one of which to be appointed as the chair) and constitute the majority thereof. The remaining members must be directors who qualify to serve as members of the audit committee as defined in the Companies Law and whose compensation is in accordance with the compensation requirements applicable to the External Directors. All of our Compensation Committee members have been determined to be eligible to be members of a compensation committee in accordance with the Companies Law and also have been determined to be independent as defined by the applicable Nasdaq rules and those of the SEC.

In addition to its other roles, under the Companies Law the compensation committee of a public company such as Elbit Systems is required:

- (1) to recommend to the board of directors the compensation policy for the company's Office Holders to be adopted by the company, and thereafter to recommend to the board of directors, once every three years, regarding any extension or modifications of such compensation policy that had been approved for a period of more than three years;
- (2) from time to time to recommend to the board of directors any updates required to the compensation policy and examine the implementation thereof;
- (3) to determine, with respect to the company's Office Holders, whether to approve their Employment Terms; and
- (4) in certain situations described in the Companies Law, to determine whether to exempt Employment Terms of a candidate for the position of CEO of the company from the requirement to obtain shareholder approval.

According to the Companies Law, Employment Terms of a public company's Office Holders must be approved by the compensation committee and the board. In addition, with respect to Employment Terms of the CEO, a director or any Office Holder where the Employment Terms are not consistent with an approved compensation policy or for an Office Holder that is also considered a controlling shareholder (or such controlling shareholder's Relative), approval by the company's shareholders is also required in accordance with the applicable majority requirements of the Companies Law. For definition of the term "Relative" see Item 10. Additional Information - Approval of Certain Transactions - Personal Interest and Extraordinary Transactions. For further information see above "Compensation of Directors and Executive and Executive Officers - Compensation Policy"; Item 10. Additional Information – General Provisions of Israeli Law and Related Provisions of Articles of Association – Office Holders; and Item 10. Additional Information - Approval of Certain Transactions - Approval of Employment Terms of Office Holders.

Our Compensation Committee operates in accordance with a compensation committee charter that provides the framework for its oversight functions consistent with Israeli and U.S. legal and regulatory requirements, including with the amended compensation committee listing rules of the Nasdaq.

Corporate Governance and Nominating Committee. Mr. Ben Zeev (chair), Dr. Gleitman, Mrs. Shapira and Mr. Kaplinsky are members of the Board's Corporate Governance and Nominating Committee. This Committee operates in accordance with a corporate governance and nominating committee charter that specifies its oversight functions consistent with Israeli and U.S. legal and regulatory requirements. The role of the Corporate Governance and Nominating Committee is to assist the Board in fulfilling its responsibilities with respect to the qualification of candidates to become Board members and to monitor compliance with corporate governance requirements applicable to Board members. All of the members of the Corporate Governance and Nominating Committee have been determined to be independent as defined by the applicable Nasdaq rules and those of the SEC. A nominee to our Board must have such experience in business or financial matters as would make such nominee an asset to the Board. In recommending director candidates, our Corporate Governance and Nominating Committee takes into consideration such factors as it deems appropriate based on our current needs. These factors may include: professional and personal ethics and integrity; business, professional and industry knowledge, sophistication and contacts; the ability to make informed and independent judgments on a wide range of issues; relevant skills and experience demonstrated through business, professional, charitable or civic affairs; and the candidate's ability to devote the required time and effort to serve on our Board. See Item 16.G. Corporate Governance.

Board Committee Membership

Audit Committee:	Financial Statements Review Committee:	Corporate Governance and Nominating Committee:	Compensation Committee:
Yehoshua Gleitman (chair)	Yehoshua Gleitman (chair)	Yoram Ben Zeev (chair)	Bilha (Billy) Shapira (chair)
Yoram Ben-Zeev	Yoram Ben-Zeev	Yehoshua Gleitman	Yoram Ben Zeev
Moshe Kaplinsky	Moshe Kaplinsky	Moshe Kaplinsky	Yehoshua Gleitman
Ehood (Udi) Nisan	Ehood (Udi) Nisan	Bilha (Billy) Shapira	Moshe Kaplinsky
Bilha (Billy) Shapira	Bilha (Billy) Shapira		
Yuli Tamir	Yuli Tamir		

Board and Committee Meetings

The Board meets quarterly and at other times during the year as necessary to conduct its activities. The Audit Committee and Financial Statement Review Committee each meet at least quarterly, and the Compensation Committee and Corporate Government and Nominating Committee each meet at least annually. Each of the committees also meets at additional times during the year as may be necessary to carry out its functions. The Financial Statement Review Committee meets at least quarterly in executive sessions, and the Board and the other committees meet in executive sessions periodically. During 2019, the average attendance for Board members at Board and committee meetings was approximately 98%.

Employees

Number of Employees. Most of our employees are based in Israel, and we have a significant number of employees in the United States. The total number of employees worldwide and the number of employees in the U.S. at the end of 2017, 2018 and 2019 were as follows:

	Total Employees	U.S. Employees
2019	16,575	2,580
2018	16,149	2,001
2017	12,781	1,450

Employment Contracts. The majority of our Israeli employees have individual employment contracts. However, by law some employees receive rights under a number of general collective bargaining agreements and under Israeli employment laws. See Item 4. Information on the Company – Conditions in Israel – Israeli Labor Laws. We believe our overall relationship with our employees is satisfactory.

Collective Bargaining Agreements. In Israel, several of our wholly-owned subsidiaries are each parties to collective bargaining agreements covering a portion of their employees. A total of approximately 5,165 employees in Israel are covered by such agreements that extend for various periods ranging from 2020 - 2030. Approximately 500 of the employees at Elbit Systems of America's operations are covered by collective bargaining agreements in effect through various periods through April 2021.

Share Ownership

Elbit Systems' Stock Option Plans

2018 - Equity Incentive Plan for Executive Officers

On February 27, 2018, our Board approved the 2018 Equity Incentive Plan for Executive Officers (the Plan). The purpose of the Plan is to link the compensation and benefits of our Executive Officers with the future growth and success of the Company and its affiliates and with long-term shareholder value. Our Board has also approved the appointment of our Compensation Committee as the administrator of the Plan.

Under the Plan, the Company may allocate to its Israeli resident Executive Officers, subject to receipt of approvals as required under Israeli Law, up to 1,000,000 options (the Options) to be exercised using a "Net-Exercise Mechanism", which entitles the recipients to exercise the Options for an amount of shares reflecting only the benefit factor.

The Options are granted under the provisions of Section 102 of the Israeli Income Tax Ordinance [New Version] of 1961 as may from time to time be amended, with respect to the "capital gain tax route", as well as in compliance with the Israeli Income Tax Rules (Tax Relief in Issuance of Shares to Employees) 2003, as amended from time to time,

The exercise price of an Option is denominated in U.S. dollars and is the higher of:

- (a) the average of the closing share price of Elbit Systems ordinary shares on the TASE, during the period of thirty (30) trading days preceding the date on which our Board approves the granting of the respective Options (Date of the Board Resolution) converted into the U.S. Dollars by applying the average representative U.S. dollar - NIS exchange rate during such thirty (30) trading days period; or
- (b) the closing share price of our ordinary shares on the TASE on the last trading date preceding the Date of the Board Resolution, converted into the U.S. Dollars by applying the representative U.S. dollar - NIS exchange rate.

The grant date of Options to a recipient is determined to be the later of (the Grant Date):

- (i) the Date of the Board Resolution;

- (ii) the first trading day after a period of thirty (30) days has elapsed from the date the Plan is filed with the Israeli Tax Authorities; or
- (iii) where applicable, the date on which any additional corporate approvals required by Israeli law in connection with the Plan have been obtained.

Granted Options vest as follows: forty percent (40%) on the second anniversary of the Grant Date, with the remaining sixty percent (60%) of the Options vesting twenty percent (20%) each on the third, fourth and fifth anniversary of the Grant Date, respectively.

The Plan includes customary terms such as adjustments for capital modifications (reverse stock split, stock split, etc.), rights offering restructuring (split, merger, etc.), and the like. Under the Plan, the vesting of granted Options may be accelerated by the recipient in case his or her employment is terminated by the Company without cause within a period of twelve (12) months following any change of control over the Company. The Plan also allows, subject to approvals of the Compensation Committee and the Board, acceleration, continued vesting and exercisability of the Options, as well as post-termination exercise periods, in case of termination of employment without cause, or as a result of death or disability.

Israeli law does not require approval by our Company's shareholders for an equity incentive plan such as the Plan. In compliance with Nasdaq Rule 5615(a)(3) allowing a foreign private issuer to follow its home country practice in lieu of certain requirements of Nasdaq's 5600 series of corporate governance rules, we provided the Nasdaq with a legal opinion of an independent Israeli law firm confirming the above (See Item 16.G - Corporate Governance). On March 20, 2018, the Company filed with the SEC a Registration Statement on Form S-8 (No. 333-223785) for the registration under the U.S Securities Law of the underlying shares that may be issued upon exercise of Options under the Plan.

Item 7. Major Shareholders and Related Party Transactions.

Major Shareholders

Percentages

As of March 15, 2020, we had 44,198,330 ordinary shares outstanding. The following table sets forth specific information as of March 15, 2020, to the best of our knowledge, concerning:

- beneficial ownership of more than 5% of our outstanding ordinary shares; and
- the number of ordinary shares beneficially owned by all of our executive officers and directors as a group.

Name of Beneficial Owner	Amount Owned	Percent of Ordinary Shares ⁽¹⁾
Federmann Enterprises Ltd. 99 Hayarkon Street Tel-Aviv, Israel	19,580,342 ⁽²⁾	44.3%
All executive officers and directors as a group (24 persons)	3,923 ⁽³⁾	0.01%

(1) Based on 44,198,330 ordinary shares outstanding as of March 15, 2020.

(2) Includes 3,836,458 ordinary shares held by Heris Aktiengesellschaft (Heris). Heris is owned, directly and indirectly, by Federmann Enterprises Ltd. (FEL). FEL is controlled by Beit Federmann Ltd. (BFL). BFL is controlled by Beit Bella Ltd. (BBL) and Beit Yekutiel Ltd. (BYL). Michael Federmann is the controlling shareholder of BBL and BYL. He is also the chair of Elbit Systems' Board and the chair of the board and the chief executive officer of FEL. Therefore, Mr. Federmann controls, directly and indirectly, the vote of ordinary shares owned by Heris and FEL.

In connection with FEL's purchase of our ordinary shares in 2004 and 2006, FEL obtained loans from two Israeli banks. As security for the loans, an aggregate of 3,000,000 of our ordinary shares are pledged by FEL to the banks.

- (3) This amount does not include any ordinary shares that may be deemed to be beneficially owned by Michael Federmann as described in footnote (2) above.

Rights in Shares, Significant Changes in Shareholders and Controlling Shareholders

Our controlling shareholder generally has the same voting rights as other holders of our ordinary shares (See also Item 10. Additional Information – Provisions Relating to Major Shareholders.)

We are not aware of any changes in the number of shares held by our major shareholders during the last three years.

As of March 15, 2020, approximately 11% of our outstanding ordinary shares were held in the United States by approximately 144 shareholders of record registered on the books of our transfer agent.

We are not aware of any arrangement which may result in a change in control of the Company.

In April 2019, we sold in a private placement to institutional investors in Israel 1,408,921 of our ordinary shares, at a price per share equal to \$131.81. These shares were previously held by us as treasury shares. As part of the private placement the shares were registered with the SEC on Form F-3 that was filed on April 8, 2019.

Related Party Transactions

Transactions with Affiliated Companies. For a description of major transactions with affiliated companies see Item 18. Financial Statements - Note 27.

Transactions with Office Holders. See Item 10. Additional Information – General Provisions of Israeli Law and Related Provisions of Articles of Association - Office Holders; - Approval of Certain Transactions - Approval of Transactions; and - Approval of Certain Transactions - Approval of Employment Terms of Office Holders.

Item 8. Financial Information.

Consolidated Statements and Other Financial Information

See Item 18. Financial Statements.

Export Sales

Our international sales (outside Israel) constitute a significant portion of our sales. In 2019, these sales were approximately \$3.44 billion, constituting approximately 76% of our total sales. For further information regarding the allocation of our revenues by geographic region see Item 5. Operating and Financial Review and Prospects – 2019 Compared to 2018 – Revenues.

Legal Proceedings

The Company is involved in various legal proceedings from time to time. For a discussion of our significant legal proceedings see Item 18. Financial Statements - Note 21C.

Dividend Distributions

We do not have an established dividend policy. Regarding declarations of dividends out of certain tax-exempt income see below Item 10. Additional Information – Taxation – Investment Law. Our Articles of Association provide that the Board may approve dividend payments to shareholders out of surplus earnings as permitted by applicable law. We have consistently paid a quarterly dividend to our shareholders.

Our aggregate quarterly dividend payments for the last three full fiscal years were as follows:

2017	\$	1.76 per share
2018	\$	1.76 per share
2019	\$	1.76 per share

Other than any significant event that may be described in this annual report, there have not been any significant changes since December 31, 2019.

Item 9. The Offer and Listing.

Share Listings and Trading Prices

Our ordinary shares are listed on the TASE and are quoted on Nasdaq under the symbol “ESLT”.

The high and low sale prices for our ordinary shares for the five most recent fiscal years are:

	Nasdaq		TASE ^(*)	
	High	Low	High	Low
2015	\$ 89.87	\$ 58.63	\$ 90.22	\$ 59.04
2016	\$ 104.70	\$ 80.24	\$ 104.53	\$ 80.25
2017	\$ 152.65	\$ 99.96	\$ 152.67	\$ 99.61
2018	\$ 149.73	\$ 109.81	\$ 147.89	\$ 110.34
2019	\$ 167.75	\$ 112.16	\$ 167.51	\$ 111.69

The high and low quarterly sale prices for our ordinary shares for the two most recent full financial years and the next subsequent quarter are:

	Nasdaq		TASE ^(*)	
	High	Low	High	Low
2017				
First Quarter	\$ 119.55	\$ 99.96	\$ 118.66	\$ 99.61
Second Quarter	\$ 127.16	\$ 113.14	\$ 126.07	\$ 110.83
Third Quarter	\$ 146.62	\$ 122.22	\$ 147.28	\$ 122.90
Fourth Quarter	\$ 152.65	\$ 131.35	\$ 152.67	\$ 130.98
2018				
First Quarter	149.89	116.90	147.89	116.68
Second Quarter	\$ 124.10	\$ 109.83	\$ 126.21	\$ 110.34
Third Quarter	135.49	112.72	135.49	113.49
Fourth Quarter	\$ 126.19	\$ 109.81	\$ 126.80	\$ 107.57
2019				
First Quarter	\$ 132.17	\$ 112.16	\$ 133.25	\$ 111.69
Second Quarter	\$ 159.12	\$ 133.28	\$ 159.80	\$ 128.39
Third Quarter	\$ 166.52	\$ 146.33	\$ 145.38	\$ 151.66
Fourth Quarter	\$ 167.75	\$ 154.77	\$ 167.51	\$ 154.69
2020				
First Quarter (through March 15, 2020)	\$ 164.02	\$ 116.84	\$ 163.11	\$ 115.14

The monthly high and low sale prices of our ordinary shares for the most recent six months are:

	Nasdaq		TASE ^(*)	
	High	Low	High	Low
September 2019	\$ 166.52	\$ 154.33	\$ 165.73	\$ 152.40
October 2019	\$ 166.14	\$ 160.15	\$ 165.39	\$ 159.06
November 2019	\$ 166.77	\$ 158.65	\$ 166.40	\$ 157.48
December 2019	\$ 167.75	\$ 154.77	\$ 167.51	\$ 154.69
January 2020	\$ 158.32	\$ 149.06	\$ 163.11	\$ 150.98
February 2020	\$ 164.02	\$ 144.09	\$ 163.93	\$ 145.13

(*) The closing prices of our ordinary shares on the TASE have been translated into U.S. dollars using the daily representative rate of exchange of the NIS to the U.S. dollar as published by the Bank of Israel for the applicable day of the high/low amount in the specified period.

Item 10. Additional Information.

General Provisions of Israeli Law and Related Provisions of Articles of Association

Israeli Companies Registrar. We are registered with the Israeli Companies Registrar. The registration number issued to us by the Companies Registrar is 52-004302-7.

The Companies Law and Restated Articles of Association. The Companies Law is the basic corporation law governing Israeli publicly and privately held companies. The Companies Law mandates that specific provisions be included in an Israeli company's articles of association, which are included in Elbit Systems' Restated Articles of Association (the Articles of Association).

Purpose. Our purpose, as stated in Article 3 of the Articles of Association, includes any lawful purpose.

Appointment and Removal of Directors. Under our Articles of Association our directors (except for External Directors - see Item 6. Directors, Senior Management and Employees - Board Practices - External Directors above) are elected by the shareholders at the annual meeting by a simple majority of our ordinary shares. Directors generally hold office until the next annual general meeting. Under certain circumstances, our Board may appoint new directors to fill vacancies. For further information see Item 6. Directors, Senior Management and Employees – Directors and Executive Officers – Board of Directors.

Internal Auditor. Israeli public companies are required to appoint an internal auditor who was initially recommended by the audit committee. The main role of the internal auditor is to examine whether the company's activities are conducted in accordance with the law, with integrity and pursuant to orderly business procedures. Our internal auditor operates in accordance with our audit committee charter that provides the framework for the committee's oversight of the internal auditor's functions, consistent with applicable Israeli and U.S. laws and regulations. Under the Companies Law, the internal auditor may not be an "office holder" (see below "Office Holder"), an "interested party" (as defined below) or a "relative" (see below "Approval of Certain Transactions - Personal Interest and Extraordinary Transactions") of any of the foregoing, nor may the internal auditor be the company's independent auditor or its representative. An "interested party" is generally defined in the Companies Law as any person who (a) serves as a director or the chief executive officer of the company, (b) has the right to appoint a director or chief executive officer or (c) owns 5% or more of the issued share capital or the voting rights.

Office Holders

An "Office Holder" is defined under the Companies Law as a director, general manager, chief business manager, deputy general manager, vice general manager, any other person who fulfills these functions without regard to that person's title and any other manager directly subordinate to the general manager. Under the Companies Law, the general manager of a corporation has authority equivalent to that of a president or chief executive officer of a U.S. corporation. For such purposes, our general manager is Bezahel Machlis, our President and Chief Executive Officer. Each person listed as a director or executive officer in Item 6. Directors - Senior Management and Employees - Directors and Executive Officers, is an Office Holder of Elbit Systems.

The Companies Law specifies the fiduciary duties that an Office Holder owes to a company, which consist of a duty of care and a duty of loyalty. Under the Companies Law, an Office Holder's loyalty duty includes the general duty to act in good faith and for the benefit of the company, avoiding any conflict of interest between the Officer Holder's position in the company and his or her other positions or personal affairs. The loyalty duty also includes avoiding any competition with the company and any exploitation of a business opportunity of the company in order to receive personal advantage for the Office Holder or others. Also, the Office Holder is required to disclose to the company any information or documents relating to the company's affairs that the Office Holder has received due to his or her position as an Office Holder. Under the Companies Law, voting agreements among directors or a director's failure to exercise independent judgment while voting are considered breaches of loyalty duty. The duty of care requires, among other obligations, that an Office Holder acts in a way that a reasonable Office Holder would act in the same position and under similar circumstances. This includes the duty to utilize reasonable means to obtain information regarding the advisability of a given action submitted for his or her approval or performed by virtue of his or her position and all other relevant information pertaining to such actions.

Some members of our Board are also directors of FEL or companies controlled by FEL. Therefore, in the event of an issue or transaction between Elbit Systems and any of those companies, those individuals who are affiliated with both of the applicable companies will be excluded from any decisions concerning such issue or transaction. In addition, an issue or transaction with any of such companies also requires authorization in accordance with the requirements of the Companies Law See below "Approval of Certain Transactions" and "Provisions Relating to Major Shareholders".

Arrangements in connection with the Employment Terms (see Item 6. Directors, Senior Management and Employees - Compensation of Executive Officers and Directors - Compensation Policy) of Elbit Systems' Office Holders require special authorizations. See below "Approval of Certain Transactions - Approval of Employment Terms of Office Holders".

Other transactions with Office Holders and affiliates may also require authorization in accordance with the requirements of the Companies Law. See below "Approval of Certain Transactions".

Approval of Certain Transactions

Approval Procedures. The Companies Law requires that certain transactions, actions and arrangements, mainly with related parties including Office Holders, be approved as provided for in the Companies Law and in a company's articles of association and in many cases by the audit committee or the compensation committee and by the board of directors. In some cases shareholder approval is also required.

Personal Interest and Extraordinary Transactions. The Companies Law requires that an Office Holder or a controlling shareholder of a publicly traded company immediately disclose, and no later than the first board meeting at which the transaction is discussed, any Personal Interest, as defined below, that he or she may have, and all related material information known to him or her, in connection with any existing or proposed transaction of the company. A person with a Personal Interest in any such transaction that is brought for approval of the audit committee or board of directors may not be present at the meeting where the transaction is being deliberated or approved (unless the chair of the audit committee or the board, as the case may be, determines that such person's presence at the meeting is required for presentation of the relevant transaction) and, in case such person is a director, he or she may not vote on the matter, unless a majority of the members of the audit committee or of the board of directors (as the case may be) have a Personal Interest in the approval of the relevant transaction, in which case the directors having such Personal Interest may be present and may participate in the vote. If, however, the majority of the members of the board of directors have a "Personal Interest" in such transaction, the approval of the shareholders is also required.

In accordance with the Companies Law:

"Personal Interest" means a personal benefit, gain or other interest derived by a person from approving the respective act or transaction. Any benefit or interest arising solely from holding a company's shares is not considered such a personal benefit or other interest under the Companies Law. Such personal benefit and other interest includes any personal benefit or other interest of:

- (i) a person's Relative (as defined below);
- (ii) any entity in which a person or any of his or her Relatives either:
 - (a) holds 5% or more of such entity's issued share capital or voting rights;
 - (b) has the right to appoint a director to such entity's board of directors or the chief executive officer thereof;
or
 - (c) is a member of such entity's board of directors or serves as the chief executive officer thereof; or
- (iii) anyone voting by proxy or granting a proxy on behalf of such person with respect to the applicable transaction, whether the proxy holder has discretion to vote or not.

An "Extraordinary Transaction" is a transaction:

- (i) other than in the ordinary course of business;
- (ii) other than on market terms; or
- (iii) likely to have a material impact on the company's profitability, assets or liabilities.

"Relative" means any of the following:

- (i) a spouse, brother, sister, parent, grandparent or descendant;
- (ii) the descendant, brother, sister or parent of a spouse of a person mentioned in (i); or
- (iii) the spouse of any of the persons mentioned in (i) or (ii).

Approval of Transactions

In accordance with the Companies Law the transactions specified below require the following approvals, provided always that such transaction is for the benefit of the company:

- (1) approval of the board of directors - a transaction with an Office Holder, other than arrangements in connection with Employment Terms, or a transaction in which an Office Holder has a Personal Interest, where the audit committee has determined that such transaction is not an Extraordinary Transaction, unless the company's articles of association provide otherwise;
- (2) approval of both the audit committee and the board of directors:
 - (i) a transaction with an Office Holder, other than arrangements in connection with Employment Terms, or a transaction in which an Office Holder has a Personal Interest, where the audit committee has determined such transaction to be an Extraordinary Transaction;
 - (ii) a material action or arrangement (unrelated to employment terms) that may otherwise be considered a breach of fiduciary duty by an Office Holder; or
 - (iii) an Extraordinary Transaction of a public company with its controlling shareholder or with another person in which the controlling shareholder has a Personal Interest, including a private offering in which the controlling shareholder has a Personal Interest, as well as an agreement of a public company with its controlling shareholder or his or her Relatives, directly or indirectly, including through a company controlled by him or her, regarding the grant of services to the applicable company, as the case may be;
- (3) approval of both the compensation committee and the board of directors - an arrangement regarding Employment Terms of an Office Holder or of a controlling shareholder or his or her Relatives as Office Holders or employees of the company.

Except for certain exemptions specified under the Companies Law, the transactions and arrangements described above may also require shareholder approval, including, where applicable, by a Special Uninterested Majority. In addition, the Companies Law requires re-approval every three years with respect to some of the matters referred to above. Re-approval when applicable is required by the audit committee or the compensation committee, as the case may be, the board of directors and, except for certain specific exemptions, by the shareholders. See below "Exemption, Insurance and Indemnification of Directors and Officers - Insurance and Indemnification of Directors and Officers under the Articles of Association" and also "Provisions Relating to Major Shareholders".

Under the Companies Law, the audit committee of a publicly held company such as Elbit Systems is also required to determine whether to carry out competitive procedures or other procedures before any engagement in a transaction with a controlling shareholder or in which a controlling shareholder has a Personal Interest.

Approval of Employment Terms of Office Holders

In accordance with the Companies Law, approval by both the compensation committee and the board of directors is required for all arrangements regarding Employment Terms of an Office Holder. In addition, the Companies Law requires that we also obtain the approval of our shareholders for any Employment Terms arrangement with (i) our CEO; (ii) a director; (iii) any other Office Holder where the Employment Terms are not consistent with an approved compensation policy or (iv) an Office Holder that is also considered a controlling shareholder (or his or her Relative). Except with respect to Employment Terms of a director that are consistent with the company's compensation policy, such shareholder approval requires a Special Uninterested Majority. See Item 6. Directors, Senior Managers and Employees - Compensation of Directors and Executive Officers - Compensation Policy.

In accordance with the Companies Law, the compensation committee may determine that an arrangement in connection with Employment Terms of a candidate for the position of the CEO of a public company is exempt from the approval by the shareholders of the company, provided that: (i) the CEO candidate is “independent” based on criteria set forth in the Companies Law; (ii) the compensation committee determines, based on detailed reasons, that bringing the arrangement to the approval of the shareholders may compromise completing the arrangement; and (iii) the Employment Terms are consistent with the company’s approved compensation policy.

In addition, pursuant to the Companies Law, in special cases the compensation committee and the board of directors may approve Employment Terms of an Office Holder (other than a director or a controlling shareholder, but including the CEO) that requires the approval of the shareholders as specified above, even if the shareholders do not approve such Employment Terms, provided that:

- (1) both the compensation committee and the board of directors re-discussed the relevant Employment Terms and decided to approve them despite the shareholders’ objection, based on detailed reasons; and
- (2) the company is not a “Public Pyramid Held Company”. A “Public Pyramid Held Company” is a public company that is controlled by another public company (including by a company that only issued debentures to the public), which is also controlled by another public company (including a company that only issued debentures to the public) that has a controlling shareholder.

Changes of the terms of a current arrangement regarding Employment Terms of an Office Holder (other than a director or a controlling shareholder) require only the approval of the compensation committee, if the compensation committee has determined that such changes are not material.

For further information see above “General Provisions of Israeli Law and Related Provisions of Articles of Association - Office Holders” and Item 6. Directors, Senior Management and Employees - Compensation of Executive Officers and Directors - Compensation Policy.

Exemption, Insurance and Indemnification of Directors and Officers

Exemption, Insurance and Indemnification under the Companies Law

Under the Companies Law, an Israeli company may not exempt an Office Holder from liability with respect to a breach of his or her duty of loyalty, but may exempt in advance an Office Holder from his or her liability to the company, in whole or in part, with respect to a breach of his or her duty of care, provided that a relevant provision is included in the company’s articles of association. However, a company may not exempt in advance a director from his or her liability to the company with respect to a breach of duty of care in connection with a distribution made by the company.

To the extent specifically allowed by the company’s articles of association, the Companies Law permits a company to obtain an insurance policy covering liabilities of Office Holders resulting from their actions in fulfilling their roles as Office Holders, in any of the following instances:

- (i) breach of the Office Holder’s duty of care to the company or to another person;
- (ii) breach of the Office Holder’s duty of loyalty to the company, to the extent that the Office Holder acted in good faith and had reasonable basis to believe that the act would not prejudice the interests of the company;
or
- (iii) monetary liabilities imposed on the Office Holder for the benefit of another person.

The Israeli Securities Law – 1968 (Securities Law) also permits such an insurance policy to cover a payment which an Office Holder is obligated to make to an injured party as set forth in the relevant sections of the Securities Law as well as expenses incurred by an Office Holder in connection with certain proceedings that are specified in the Securities Law, including reasonable litigation expenses (including attorneys’ fees), provided that a relevant provision is included in the company’s articles of association.

Under the Companies Law, a company may indemnify an Office Holder against monetary liabilities and expenses imposed on or incurred by the Office Holder as a result of an act done by virtue of his or her role as an Office Holder for the following matters:

- (i) financial liability imposed on the Office Holder in favor of another person pursuant to a judgment, including a judgment in the course of settlement arrangements or an arbitrator's award approved by a court;
- (ii) reasonable litigation expenses, including attorneys' fees, incurred by the Office Holder in an investigation or proceeding that has concluded without an indictment being filed and without any monetary liabilities being imposed on the Office Holder in lieu of criminal proceedings or has concluded without the filing of any indictment but with the imposition of monetary liability in lieu of criminal proceedings in an offence that does not require proof of criminal intent or in connection with a monetary sanction; and
- (iii) reasonable litigation expenses, including attorneys' fees, incurred by the Office Holder or imposed by a court in a proceeding instituted against the Office Holder by the company, on its behalf or by any other person, or in connection with criminal proceedings in which the Office Holder was acquitted, or as a result of a conviction for an offense that does not require proof of criminal intent.

Under the Companies Law, a company may indemnify an Office Holder in respect of certain liabilities, either in advance of an event or following an event. If a company undertakes to indemnify an Office Holder in advance of an event, the indemnification, pursuant to (i) above, must be limited to foreseeable events in light of the company's actual activities at the time the company undertook such indemnification and also limited to amounts or criteria determined by the board of directors as reasonable under the circumstances, and the undertaking to indemnify will specify any such events, amounts or criteria.

In addition, a company may indemnify an Office Holder in respect of payments that the Office Holder is obligated to make to an injured party as set forth in the relevant sections of the Securities Law, including reasonable litigation expenses (including attorneys' fees). These indemnifications are subject to the inclusion of relevant provisions in the company's articles of association.

A company may not indemnify an Office Holder or enter into an insurance contract that would provide coverage for, or exempt an Office Holder from, liability to the company with respect to any of the following:

- (1) a breach of duty of loyalty, except indemnification or insurance that provides coverage for a breach of a duty of loyalty to the company while acting in good faith and having reasonable basis to believe that such act would not prejudice the interests of the company;
- (2) a willful or reckless breach of duty of care, other than mere negligence;
- (3) an act done with the intent to unlawfully realize a personal gain;
- (4) a fine, monetary penalty or forfeiture imposed upon such Office Holder; or
- (5) certain monetary liabilities that are set forth in the Securities Law.

Insurance and Indemnification of Directors and Officers under the Articles of Association

In accordance with and subject to the provisions of the Companies Law and the Securities Law, Elbit Systems' Articles of Association allow for directors and officers liability insurance, in respect of a liability or payment imposed on a director or officer as a result of an act carried out by such person in his or her capacity as a director or officer. This insurance may cover:

- (1) a breach of his or her duty of care to Elbit Systems or to another person;
- (2) a breach of his or her duty of loyalty to Elbit Systems, provided that the director or officer acted in good faith and had reasonable basis to assume that his or her act would not harm the interests of Elbit Systems;
- (3) a financial obligation imposed on him or her in favor of another person;
- (4) a payment that he or she is obligated to pay to an injured party as set forth in the relevant sections of the Securities Law;

- (5) expenses incurred by him or her in connection with certain administrative proceedings specified in the Securities Law, including reasonable litigation expenses (including attorneys' fees); or
- (6) any other event for which insurance of a director or officer is or may be permitted.

In addition, in accordance with and subject to the Companies Law and the Securities Law, Elbit Systems' Articles of Association permit indemnification, retroactively or in advance, of a director or officer against liability, payment or expense imposed on or incurred by him or her as a result of an act carried out in his or her capacity as a director or officer, that may include:

- (1) a monetary liability imposed on the director or officer or paid by him or her in favor of a third party under a judgment, including a judgment by way of compromise or a judgment of an arbitrator approved by a court; provided however, that in case such undertaking is granted in advance it will be limited to events which, in the Board's opinion, are foreseeable in light of the Elbit Systems' actual activities at the time of granting the obligation to indemnify, and to a sum or under criteria as the Board deems reasonable under the circumstances, and the undertaking to indemnify will specify the aforementioned events and sum or criteria;
- (2) a payment imposed on him or her in favor of an injured party in the circumstances specified in the Securities Law;
- (3) reasonable litigation expenses (including attorneys' fees), incurred by a director or officer as a result of an investigation or proceeding conducted against him or her by an authority authorized to conduct such investigation or procedure, provided that such investigation or procedure: (i) concludes without the filing of an indictment against the director or officer and without imposition of monetary payment in lieu of criminal proceedings; or (ii) concludes with imposing on the director or officer a monetary payment in lieu of criminal proceedings, provided that the alleged criminal offense in question does not require proof of criminal intent or was incurred by the director or officer in connection with a monetary sanction imposed by the Companies Law or the Securities Law;
- (4) expenses incurred by a director or an officer in connection with certain administrative proceedings set forth in the Securities Law, including reasonable litigation expenses (including attorneys' fees);
- (5) reasonable litigation expenses (including attorneys' fees), expended by the director or officer or imposed on him or her by the court for:
 - (i) proceedings issued against him or her by or on Elbit Systems' behalf or by a third party;
 - (ii) criminal proceedings from which the director or officer was acquitted; or
 - (iii) criminal proceedings in which he or she was convicted of an offense that does not require proof of criminal intent; or
- (6) any other liability or expense for which it is or may be permissible to indemnify a director or an officer.

The Articles of Association permit the grant of similar indemnification to any person acting on behalf or at the request of Elbit Systems as a director or officer of another company in which Elbit Systems is directly or indirectly a shareholder or has any other interest. However, any indemnification so granted by Elbit Systems may not exceed 25% of Elbit Systems' consolidated shareholders equity as reflected in our most recent consolidated financial statements published prior to the date of the indemnification payment.

In 2011, Elbit Systems' Audit Committee, Board and shareholders approved the grant to members of our Board, including to Michael Federmann and David Federmann (who may each be considered a direct or indirect controlling shareholder of the Company), of indemnification letters reflecting the above conditions and limitations. Similar letters were also approved by the Audit Committee and the Board for indemnification of Office Holders of Elbit Systems who are not directors.

According to the Companies Law, the granting by a public company, such as Elbit Systems, of an indemnification letter to an Office Holder who may be considered as a direct or indirect controlling shareholder of that company, requires re-approval every three years by the company's compensation committee, the board of directors and the company's shareholders. The indemnification letters originally granted to Michael Federmann and David Federmann in 2011 were last re-approved, following the approval of our Compensation Committee and Board, by our shareholders at the Annual General Meeting of Shareholders in 2017, for an additional period of three years commencing on December 1, 2017.

Elbit Systems' Compensation Policy allows Elbit Systems to purchase, from time to time during the term of the Compensation Policy, directors and officers (D&O) liability insurance. The insurance policy terms, as well as the premium paid, will reflect current market conditions with respect to the Company and the nature of its operations. Pursuant to an amendment to the Compensation Policy approved by our shareholders at the Shareholders' Extraordinary General Meeting held on February 26, 2020, the coverage limit under each insurance policy will not exceed \$200 million and the maximum annual premium will not exceed \$3 million. In accordance with the Israeli Companies Regulations (Relief from Related Parties' Transactions), 5760-2000, the inclusion of our Office Holders in any D&O liability insurance policy that is consistent with our Compensation Policy will require only the approval of our Compensation Committee if the D&O liability insurance policy applicable to each of them (i) is purchased on market terms and (ii) the purchase thereof will not have a material effect on the Company's profitability, assets or obligations.

In respective meetings held on February 5, 2020, our Compensation Committee and our Board approved the purchase of a D&O liability insurance policy which complies with the provisions of our Compensation Policy and further approved the inclusion therein, in addition to all other Office Holders, of Michael Federmann and David Federmann (who may be considered direct or indirect controlling shareholders of the Company) and of Bezahel Machlis, our President and CEO, in accordance with the requirements of the Israeli Companies Regulations (Relief from Related Parties' Transactions), 5760-2000. As of March 15, 2020, the D&O policy's limit of liability was \$100 million, and the annual premium was \$1.6 million.

Rights, Preferences and Restrictions of Shares

Elbit Systems currently has one type of share, this being ordinary shares. The share capital of Elbit Systems is NIS 80,000,000 divided into 80,000,000 ordinary shares of NIS 1 nominal (par) value each, of which 44,198,330 ordinary shares were issued and outstanding as of March 15, 2020. All issued and outstanding ordinary shares are fully paid and non-assessable. For information regarding voting rights, dividend rights and other rights generally applicable to our ordinary shares see the Description of Securities filed as Exhibit 2.1 to this annual report of Form 20-F (the Description of Securities) under "Rights Generally Applicable to Ordinary Shares".

General Meetings of Shareholders

See the Description of Securities under "General Meetings of Shareholders".

Change of Control

See the Description of Securities under "Change of Control".

Provisions Relating to Major Shareholders

See the Description of Securities under "Provisions Relating to Major Shareholders".

Borrowing Power

See the Description of Securities under "Borrowing Power".

Exchange Controls and Other Limitations Affecting Security Holders

See the Description of Securities under "Exchange Controls and Other Limitations Affecting Security Holders".

Taxation

General

The following is a summary of some aspects of the current tax law applicable to companies in Israel, with special reference to its effect on Elbit Systems and our Israeli subsidiaries, and government programs from which Elbit Systems and some of our Israeli subsidiaries benefit.

The following also contains a discussion of specified Israeli and U.S. tax consequences to our shareholders. It also contains a discussion of the Israeli tax consequences to holders of our Series A Notes. See Item 5. Operating and Financial Review and Prospects – Liquidity and Capital Resources – Israeli Debt Offering. The Series A Notes are not registered for trading in the U.S. and may not be sold in the U.S. without registration or compliance with Regulation “S” under the Securities Act. Therefore, we have not included a discussion of U.S. tax consequences to holders of the Series A Notes. To the extent that the discussion is based on tax legislation that has not been subject to judicial or administrative interpretation, there can be no assurance that the views expressed in the discussion will be accepted by the tax authorities in question. The discussion is not intended, and should not be construed, as legal or professional tax advice and is not exhaustive of all possible tax considerations.

Elbit Systems’ income tax liability in Israel is based on our unconsolidated earnings and such earnings of our Israeli-based subsidiaries. It is determined in NIS and not in U.S. dollars. Tax liability of non-Israeli subsidiaries is determined according to the laws of their respective countries of residence. As a result, the tax provision in Elbit Systems’ consolidated financial statements does not directly relate to income reported on these statements.

General Corporate Tax in Israel

Generally, Israeli companies were subject to corporate tax on taxable income and capital gains at the rate of 24% for the tax year 2017. The corporate tax rate effective as of January 1, 2018 is 23%.

Under the Israeli Tax Ordinance, 1961 (the Ordinance) transfer pricing rules require that cross-border transactions between related parties be carried out implementing an arm’s-length principle and reported and taxed accordingly.

A portion of our Israeli operations have been granted “Approved Enterprise”, “Privileged Enterprise” and “Preferred Enterprise” status, as described under “Investment Law” below. These operations are subject to taxation at reduced rates applicable to those types of enterprises. We cannot assure that Elbit Systems or our Israeli subsidiaries will continue to qualify for such benefits, or benefits under the Law for Encouragement of Industry, in the future. We also cannot assure that we will continue to qualify as an Approved Enterprise, Privileged Enterprise or Preferred Enterprise, or that the benefits described above will be available in the future. See further Item 18. Financial Statements - Note 18A(3).

Industry Encouragement. Under the Law for the Encouragement of Industry (Taxes), 1969, a company qualifies as an “Industrial Company” if it is resident in Israel and at least 90% of its income (determined in Israeli currency) in a given tax year, with some exceptions, comes from “Industrial Enterprises” owned by that company. An Industrial Enterprise is defined as an enterprise whose primary activity in a particular tax year is industrial manufacturing activity. We believe Elbit Systems qualifies as an Industrial Company. See further Item 18. Financial Statements - Note 18A(2).

Investment Law. The Israeli Law for the Encouragement of Capital Investments, 1959 (the Investment Law) provides tax benefits to companies that make capital investments in eligible fixed assets. Under the Investment Law, subject to applicable conditions, companies could apply to receive “Approved Enterprise”, “Privileged Enterprise” or “Preferred Enterprise” status, each of which provides various tax benefits. See Item 18. Financial Statements - Note 18A.

Tax on IP-based Income. On December 29, 2016, Israel enacted a tax law amendment introducing a new tax regime for intellectual property (IP)-based companies. The regime is tailored to a post-BEPS (base erosion profit shifting) world, encouraging multinationals to consolidate IP ownership and profits in Israel along with existing Israeli R&D functions. Tax benefits created to achieve this goal include a reduced corporate income tax rate of 6% on IP-based income and on capital gains from the future sale of IP. The 6% rate would apply to qualifying Israeli companies that are part of a group with global consolidated revenue of over NIS 10 billion (approximately \$2.7 billion). Other qualifying companies with global consolidated revenue below NIS 10 billion would be subject to a 12% tax rate. However, if the Israeli company is located in Jerusalem or in certain northern or southern parts of Israel, the tax rate is further reduced to 7.5%. Additionally, withholding tax on dividends would be subject to a reduced rate of 4% for all qualifying companies (unless further reduced by a treaty). See Item 18. Financial Statements - Note 18A(3).

Capital Gains to a Shareholder

Capital gains to Israeli residents. Starting in 2012, the tax rate on capital gains to a “non-principal” individual shareholder (those persons holding less than 10% of our ordinary shares) has been 25%, and 30% to an individual “principal” shareholder. In 2013, the capital gains tax rate increased by 2% in the event the individual’s taxable income in any tax year exceeds NIS 810,720 (approximately \$215,000) - linked to the CPI each year - including capital gains from marketable securities, dividends and interest income. As of January 1, 2017, the capital gain tax rate was increased by 3% (rather than the previous 2% increase) in the event the individual’s taxable income in 2017 and thereafter exceeds NIS 640,000 (approximately \$170,000) - linked to the CPI each year. Dealers in securities in Israel are taxed at regular tax rates applicable to business income. Companies resident in Israel are taxed on capital gains at the applicable corporate tax rate.

Capital gains to non-residents of Israel. Gains on the sale of ordinary shares traded on the TASE and on Nasdaq held by non-Israeli resident investors for tax purposes will generally be exempt from Israeli capital gains tax, subject to the provisions of the Israeli tax legislation. However, non-Israeli corporations will not be entitled to such exemption if an Israeli resident (i) has a controlling interest of 25% or more in such non-Israeli corporation, or (ii) is the beneficiary or is entitled to 25% or more of the revenues or profits of such non-Israeli corporation, whether directly or indirectly. In addition, the United States - Israel tax treaty exempts United States residents who hold less than 10% of our voting rights, and who held less than 10% of our voting rights during the twelve months prior to a sale of their shares, from Israeli capital gains tax in connection with such sales under certain circumstances.

Capital Gains to a Holder of Series A Notes

Capital gains to Israeli residents. A capital gain for an individual derived from the sale of a debenture that is not linked to an index, such as our Series A Notes, will be taxable at a rate not to exceed 15% in case of a “non-principal” individual note holder, or 20% in the case of a “principal” individual note holder. Tax payers claiming a deduction of real interest expenses and linkage differences on debentures such as the Series A Notes will be taxed at a rate of 30% on their real capital gains. Dealers in securities in Israel are taxed at regular tax rates applicable to business income. Companies resident in Israel are taxed at rates applicable to capital gains.

Capital gains to non-residents of Israel. Gains on the sale of securities traded on the TASE, such as our Series A Notes, held by non-Israeli resident investors for tax purposes will generally be exempt from Israeli capital gains tax, subject to the provisions of the Israeli tax legislation. However, non-Israeli corporations will not be entitled to such exemption if an Israeli resident: (i) has a controlling interest of 25% or more in such non-Israeli corporation; or (ii) is the beneficiary or is entitled to 25% or more of the revenues or profits of such non-Israeli corporation, whether directly or indirectly.

Taxation on Dividends Paid to a Shareholder

Income tax for individual Israeli residents. Residents of Israel are subject to income tax on distributions of dividends other than bonus shares (stock dividends). The tax rate on dividend income to a “non-principal” individual shareholder is 25% and 30% to an individual “principal” shareholder. The paying company withholds at source income tax at the rate of 25% or 30% in the case of a “principal shareholder”. A company whose stock is traded on a stock exchange withholds tax at the rate of 25% from dividends paid to a “principal” shareholder for shares registered and held by a registration company. Dividends distributed from “Preferred Income” under Preferred Enterprise status (see above “Investment Law”) are subject to a withholding tax rate of 20%. These rates are the final tax on dividends.

Income tax for non-residents of Israel. Non-residents of Israel are subject to income tax on distributions of dividends other than bonus shares (stock dividends). The tax rate on dividend income to a “non-principal” non-resident of Israel shareholder is 25% and 30% to a “principal” shareholder (including a foreign company as opposed to an Israeli company). The paying company withholds at source income tax at the rate of 25% for a “non-principal” shareholder, or 30% for a “principal” shareholder. A company whose stock is traded on a stock exchange will withhold tax at the rate of 25% from dividends paid to a “principal” shareholder for shares registered and held by a registration company, unless a lower rate is applicable under a double taxation treaty. Accordingly, Elbit Systems withholds income tax at the source. Generally, dividends distributed from taxable income accrued during the period of benefit of an Approved Enterprise, Privileged Enterprise or Preferred Enterprise are taxable at the rate of 15% if the dividend is distributed during the tax benefit period under the Investment Law or within 12 years after the period (this limitation does not apply if the company qualifies as a foreign investors’ company according to the Investment Law). Dividends distributed from “Preferred Income” under a Preferred Enterprise status are subject to a withholding tax rate of 20% (unless a lower treaty rate applies). These rates are the final taxes in Israel on dividends for individual and corporate non-residents of Israel. Foreign residents who have Israeli derived income for which tax was withheld at the source are generally exempt from the duty to file tax returns in Israel for such income. This includes income from Israeli derived interest, dividends and royalties.

Taxation of Interest Income of Holders of Series A Notes

Income tax for Israeli residents. Israeli resident individuals are tax exempt on the linkage differences derived from the debenture principal, under certain conditions. An individual is taxable at a rate of 15% on interest or discount fees originating from debentures which are not linked to the index, whether in whole or in part, such as the Series A Notes. The tax rate on interest income or discount fees originating from fully index-linked debentures, including debentures linked to a foreign currency, is 25% in case of a “non-principal” note holder. These tax rates will not apply if any of the following conditions are met: (1) the interest represents income from a “business” or is recorded in the individual’s books of account or is required to be so recorded; (2) the individual has claimed deduction of linkage differences and interest expenses on the debentures; (3) the individual is a “principal” individual note holder; or (4) the individual is employed by a corporation that paid the interest, is a supplier of goods or services to the corporation or has other special relations with the corporation, unless the tax assessing officer is satisfied that the interest rate has been established in good faith and regardless of the existence of any such relations between the individual and the corporation. In these cases, the individual will be taxed at the marginal tax rate. The paying company will deduct tax at a rate of 15% on interest in respect of unlinked debentures, such as the Series A Notes, and at a rate of 25% in the case of linked debentures. The maximum tax rate will apply in the case of an individual who is a “principal” individual note holder, an individual employed by the interest-paying-corporation or a supplier of goods or services to the corporation. The tax rate applicable to interest income (including linkage differences) or discount fees of an Israeli resident corporation is the corporate tax rate. The paying company will deduct tax at the corporate tax rate.

Income tax for foreign residents. Interest, discount fees or linkage differences paid to a foreign resident on debentures listed on the TASE and issued by an Israeli resident corporation, such as our Series A Notes, are typically exempt from Israeli tax, provided that the income is not produced by the foreign resident’s permanent establishment in Israel. The tax exemption will not apply in the following circumstances: (1) the foreign resident is a “principal” shareholder or note holder of the issuing company; (2) the foreign resident is a relative, as defined in the Ordinance, of the issuing company; (3) the foreign resident is an employee, a supplier of goods or services or has special relations with respect to the issuing company (unless it is demonstrated that the interest rate or discount fees have been determined in good faith and regardless of the existence of any special relations); or (4) the foreign resident company is held by Israeli residents. If the tax exemption does not apply as above, the tax rate applicable to interest income received by foreign residents (individuals and corporations) originating from securities will be established in accordance with the provisions of the Ordinance, or in accordance with the provisions of the relevant treaty for the avoidance of double taxation signed between the State of Israel and the foreign resident’s country of residence. In such case, the paying company will withhold tax according to the rates prescribed in the Ordinance as above, and this rate may be reduced subject to the relevant treaty for the avoidance of double taxation. As indicated above, the Series A Notes are not

registered under the Securities Act and may not be offered or sold in the United States or to U.S. Persons (as defined in Regulation “S” under the Securities Act) without registration under the Securities Act or an exception from the registration requirements of the Securities Act.

Israeli Tax on United States Shareholders

Dividends paid by Elbit Systems to an individual shareholder resident in the United States are generally subject to withholding tax deducted at source in Israel. Israel and the United States are parties to a tax treaty. Under the treaty, the withholding tax rate on a dividend is normally 25%, or 15% in connection with an Approved Enterprise, Privileged Enterprise or Preferred Enterprise. See above “Investment Law”.

A U.S. corporation would have a reduced withholding tax rate of 15% on dividends if it were to own 10% or more of Elbit Systems’ voting shares under specified conditions. The reduced withholding tax rate on the dividend would be 12.5%. The U.S. corporation must own at least 10% of the voting shares during a portion of Elbit Systems’ tax year in which the payment of the dividend occurs but prior to the payment date and during the entire prior tax year. The reduced rate is also subject to two other conditions. First, not more than 25% of Elbit Systems’ gross income for the prior tax year may consist of interest, other than interest received from banking, financing or similar businesses or from certain subsidiaries. Second, the dividend may not be derived from income during any period for which Elbit Systems is entitled to the reduced tax rate applicable to an Approved Enterprise / Privileged Enterprise.

Under the terms of the tax treaty, Israel may tax capital gains realized by shareholders resident in the United States on a sale of ordinary shares of Elbit Systems if certain conditions exist, however, such right is subject to the following exemption. Since Elbit Systems’ ordinary shares are traded on the TASE and on Nasdaq, gains on the sale of ordinary shares held by non-Israeli resident investors for tax purposes generally will be exempt from Israeli capital gains tax, subject to the provisions of the Israeli tax legislation.

Subject to certain conditions and limitations, any Israeli tax withheld or paid with respect to dividends on ordinary shares generally will be eligible for credit against a U.S. shareholder’s U.S. federal income tax liability at such U.S. shareholder’s election. The U.S. Internal Revenue Code of 1986, as amended, (the Code) provides limitations on the amount of foreign tax credits that a U.S. shareholder may claim, including extensive separate computation rules under which foreign tax credits allowable with respect to specific categories of income cannot exceed the U.S. federal income taxes otherwise payable with respect to each such category of income. U.S. shareholders that do not elect to claim a foreign tax credit may instead claim a deduction for Israeli income tax withheld or paid, but only for a year in which these U.S. shareholders elect to do so for all foreign income taxes. Dividends with respect to the ordinary shares will generally be classified as foreign source “passive income” for the purpose of computing a U.S. shareholder’s foreign tax credit limitations for U.S. foreign tax credit purposes. The rules relating to foreign tax credits are complex, and each U.S. holder of our ordinary shares should consult his or her tax advisor to determine whether and if he or she would be entitled to this credit.

This summary of Israeli taxation is based on existing treaties, laws, regulations and judicial and administrative interpretations thereof. There can be no assurance that any of these may not be amended or repealed, possibly with retroactive effect, or that a tax authority may take a contrary position. Also, this summary does not address the tax consequences that may be applicable to specific persons based on their individual circumstances. It also does not address any local or other foreign tax consequences. A shareholder or holder of Series A Notes should consult his or her own tax advisor as to the specific tax consequences of purchasing, holding or transferring shares or Series A Notes of Elbit Systems.

United States Federal Income Tax Considerations

General

The following is a summary of material U.S. federal income tax considerations regarding the acquisition, ownership and disposition of Elbit Systems’ ordinary shares by a “U.S. Shareholder”, which, for these purposes, means a beneficial owner of an ordinary share who is, for U.S. federal income tax purposes:

- (1) a citizen or individual resident of the United States;
- (2) a corporation (or an entity taxable as a corporation for U.S. federal income tax purposes) created or organized in or under the laws of the United States or any political subdivision thereof (including the District of Columbia);

- (3) an estate whose income is subject to U.S. federal income taxation regardless of its source; or
- (4) a trust if: (A) a U.S. court is able to exercise primary supervision over the trust's administration and (B) one or more U.S. persons have the authority to control all of the trust's substantial decisions or (C) if it has a valid election in place to be treated as a U.S. person.

This summary is based on provisions of the Code, existing and proposed U.S. Treasury regulations, administrative pronouncements, rulings and judicial decisions in effect as of the date of this annual report. These authorities and their interpretation are subject to change, possibly with retroactive effect. Notably, in December 2017, the U.S. President signed into law Public Law no. 115-97, informally titled the Tax Cuts and Jobs Act (the Tax Act), which alters significantly the U.S. federal income tax system. For risks relating to the Tax Act, see Item 3. Risk Factors - General Risks Related to Our Business and Market - Tax legislation in the United States may impact our business. Although this discussion takes into account provisions enacted under the Tax Act, given the complexity of this new law, investors should consult their own tax advisors regarding its potential impact on the U.S. Federal income tax consequences to them in light of their particular circumstances.

This summary applies to U.S. shareholders only if they hold ordinary shares as capital assets for tax purposes. In addition, this summary does not discuss all aspects of U.S. federal income taxation that may be applicable to investors in light of their particular circumstances or to investors who are subject to special treatment under U.S. federal income tax law, including, but not limited to, U.S. expatriates, insurance companies, banks, regulated investment companies and real estate investment trusts, securities broker-dealers, financial institutions, tax-exempt organizations, persons holding ordinary shares as part of a straddle, hedging or conversion transaction, traders in securities that elect to apply a mark-to-market method of accounting, persons subject to the alternative minimum tax, persons who acquired their Elbit Systems' ordinary shares pursuant to the exercise of employee stock options or otherwise as compensation, persons subject to special tax accounting rules as a result of any item of gross income with respect to our ordinary shares being taken into account in an applicable financial statement, persons whose functional currency is not the U.S. dollar, and persons owning (directly, indirectly or by attribution) 10% or more of our outstanding voting shares. If a partnership or other entity treated as a partnership for U.S. federal income tax purposes holds ordinary shares of Elbit Systems, the tax treatment of a partner generally will depend upon the status of the partner and the activities of the partnership. A partner in a partnership that holds our ordinary shares is urged to consult its own tax advisor regarding the specific tax consequences of owning and disposing of our ordinary shares.

THE SUMMARY OF U.S. FEDERAL INCOME TAX CONSEQUENCES SET OUT BELOW IS FOR GENERAL INFORMATION ONLY. ALL SHAREHOLDERS AND PROSPECTIVE INVESTORS SHOULD CONSULT THEIR TAX ADVISERS AS TO THE PARTICULAR TAX CONSEQUENCES TO THEM OF OWNING OUR ORDINARY SHARES, INCLUDING THE APPLICABILITY AND EFFECT OF STATE, LOCAL AND NON-U.S. TAX LAWS AND POSSIBLE CHANGES IN TAX LAW.

Dividends

Subject to the discussion below under "Passive Foreign Investment Company Rules", a U.S. Shareholder generally will be required to include in gross income, as ordinary income, the amount of any distributions paid on ordinary shares of Elbit Systems to the extent of Elbit Systems' current or accumulated earnings and profits (calculated before the reduction of any corresponding Israeli withholding taxes). If a U.S. Shareholder is an individual, trust or estate, dividends received from Elbit Systems generally will be treated as "qualified dividend income", which is taxable to such U.S. Shareholder at preferential tax rates, provided the U.S. Shareholder has held the stock for more than 60 days during the 121-day period beginning 60 days before the ex-dividend date and certain other conditions are satisfied. There is no assurance that dividends received by U.S. Shareholders from Elbit Systems will be eligible for such preferential tax rates. Each individual U.S. Shareholder of ordinary shares is urged to consult his or her own tax advisor regarding the availability to him of the reduced dividend tax rate in light of his or her own particular situation and regarding the computations of his or her foreign tax credit limitation with respect to any qualified dividend income paid by us, as applicable. Dividends paid by Elbit Systems do not qualify for the dividends-received deduction applicable in certain cases to U.S. corporations. Elbit Systems does not intend to compute earnings and profits under U.S. tax principles; therefore, it is likely that all distributions will be treated as paid out of Elbit Systems' current and accumulated earnings and profits.

The amount of any distribution paid in NIS, including the amount of any Israeli withholding tax thereon, will be included in the gross income of a U.S. Shareholder in an amount equal to the U.S. dollar value of the NIS calculated by reference to the spot rate of exchange in effect on the date the distribution is received by the U.S. Shareholder. If a U.S. Shareholder converts dividends paid in NIS into U.S. dollars on the day Elbit Systems distributes the dividends, the U.S. Shareholder generally should not be required to recognize foreign currency gain or loss with respect to such conversion. If the NIS received in the distribution are not converted into U.S. dollars on the date of receipt, any foreign currency gain or loss recognized upon a subsequent conversion or other disposition of the NIS will be treated as U.S. source ordinary income or loss. Special rules govern and special elections are available to accrual method taxpayers to determine the U.S. dollar amount that should be included in income in the case of taxes withheld in a foreign currency. Accrual basis taxpayers are urged to consult their own tax advisors regarding the requirements and the elections applicable in this regard.

Dividends paid by us to a U.S. Shareholder on our ordinary shares will be treated as foreign source income and will generally be categorized as “passive category income” for U.S. foreign tax credit purposes. Subject to the limitations in the Code, as modified by the applicable tax treaty, a U.S. Shareholder may elect to claim a foreign tax credit against its U.S. federal income tax liability for Israeli income tax withheld from dividends received in respect of ordinary shares. Dividends paid with respect to ordinary shares may be subject to special rules if a U.S. Shareholder owns more than 50 percent (by vote or value) of Elbit Systems, which could adversely affect a U.S. Shareholder’s ability to use U.S. foreign tax credits. U.S. Shareholders who do not elect to claim the foreign tax credit may instead claim a deduction for Israeli income tax withheld, but only for a year in which the U.S. Shareholder elects to do so with respect to all foreign income taxes. A deduction does not reduce U.S. tax on a dollar-for-dollar basis as it does for a tax credit. The deduction, however, is not subject to the limitations applicable to foreign tax credits. The rules relating to the determination of the foreign tax credit are complex. Accordingly, a U.S. Shareholder should consult its own tax advisor to determine whether and to what extent it would be entitled to the credit.

Sale, exchange or other disposition

Subject to the discussion below under “Passive Foreign Investment Company Rules”, upon the sale, exchange or other disposition of ordinary shares, a U.S. Shareholder generally will recognize capital gain or loss equal to the difference between the U.S. dollar value of the amount realized on the sale, exchange or other disposition and the U.S. Shareholder’s adjusted tax basis, determined in U.S. dollars, of the ordinary shares. Any gain or loss recognized upon the sale, exchange or other disposition of the ordinary shares will be treated as long-term capital gain or loss if, at the time of the sale, exchange or other disposition, the holding period of the ordinary shares exceeds one year. In the case of individual U.S. Shareholders, long-term capital gains generally are subject to U.S. federal income tax at preferential rates. The deductibility of capital losses by a U.S. Shareholder is subject to significant limitations. U.S. Shareholders should consult their own tax advisors in this regard.

In general, gain or loss recognized by a U.S. Shareholder on the sale, exchange or other disposition of ordinary shares will be U.S. source income or loss for U.S. foreign tax credit purposes. U.S. Shareholders who hold ordinary shares through an Israeli stockbroker or other Israeli intermediary may be subject to Israeli withholding tax on any capital gains recognized if the U.S. Shareholder does not obtain approval of an exemption from the Israeli Tax Authorities. Israeli taxes paid under circumstances in which an exemption from such tax was available generally will not give rise to a deduction or credit for foreign taxes paid for U.S. federal income tax purposes. U.S. Shareholders should consult their Israeli stockbroker or other intermediary regarding the procedures for obtaining an exemption.

If a U.S. Shareholder receives NIS upon the sale of ordinary shares, that U.S. Shareholder may recognize ordinary income or loss as a result of currency fluctuations between the date of the sale of the ordinary shares and the date the sales proceeds are converted into U.S. dollars.

Medicare Tax

Non-corporate U.S. Shareholders may be subject to an additional 3.8% Medicare tax on all or a portion of “net investment income”, which generally may include dividends on, or capital gains recognized from the disposition of, our ordinary shares. U.S. Shareholders should consult their own tax advisors regarding the applicability of the Medicare tax to their investment in our shares.

Passive Foreign Investment Company rules

A non-U.S. corporation will be classified as a Passive Foreign Investment Company (a PFIC) for any taxable year if at least 75% of its gross income consists of passive income (which is generally subject to certain exceptions for active businesses, dividends, interest, rents and royalties and gains from the sales of property generating such income), or at least 50% of the average value of its assets consists of assets that produce, or are held for the production of, passive income. We currently believe that we were not a PFIC for the year ended December 31, 2019. However, this conclusion is a factual determination that must be made at the close of each year and is based on, among other things, a valuation of our ordinary shares and assets, which will likely change from time to time. If we were characterized as a PFIC for any taxable year, a U.S. Shareholder could suffer adverse tax consequences under certain circumstances. These consequences may include having gains realized on the disposition of ordinary shares treated as ordinary income rather than capital gains and being subject to punitive interest charges on certain dividends and on the proceeds of the sale or other disposition of the ordinary shares. Furthermore, dividends paid by a PFIC are not eligible to be treated as “qualified dividend income” (as discussed above).

The PFIC rules are complex. U.S. Shareholders should consult their own tax advisors regarding the potential application of the PFIC rules to the ownership of our ordinary shares.

Informational reporting and backup withholding

Dividend payments with respect to ordinary shares and proceeds from the sale, exchange or other disposition of ordinary shares may be subject to informational reporting to the Internal Revenue Service (the IRS) and possible U.S. backup withholding at a current rate of 24%. Backup withholding will not apply, however, to a holder who timely furnishes a correct taxpayer identification number or certificate of foreign status and makes any other required certification or who is otherwise exempt from backup withholding. U.S. persons who are required to establish their exempt status generally must provide IRS Form W-9 (Request for Taxpayer Identification Number and Certification). Non-U.S. Shareholders generally will not be subject to U.S. informational reporting or backup withholding. However, such holders may be required to provide certification of non-U.S. status (generally on IRS Form W-8BEN or W-BEN-E) in connection with payments received in the United States or through certain U.S.-related financial intermediaries.

Backup withholding is not an additional tax. Amounts withheld as backup withholding may be credited against a holder’s U.S. federal income tax liability, and a holder may obtain a refund of any excess amounts withheld by timely filing the appropriate claim for refund with the IRS and furnishing any required information.

Holders of our ordinary shares should consult their own tax advisors concerning the specific U.S. federal, state and local tax consequences of the ownership and disposition of the ordinary shares in light of their particular situations as well as any consequences arising under the laws of any other taxing jurisdiction. In particular, U.S. Shareholders are urged to consult their own tax advisors concerning whether they will be eligible for benefits under the Unites States-Israel tax treaty.

Documents on Display

We are subject to the informational requirements of the Securities Exchange Act of 1934, as amended. In accordance with these requirements, we file reports and other information with the SEC. The SEC maintains an internet website at <http://www.sec.gov> that contains reports, proxy statements, information statements and other material that are filed through the SEC’s Electronic Data Gathering, Analysis and Retrieval (EDGAR) system. We also file periodic and immediate reports and other information with the Israeli Securities Authority through its electronic filing system at www.magna.isa.gov.il or on the Tel Aviv Stock Exchange website at www.tase.co.il.

Item 11. Quantitative and Qualitative Disclosures About Market Risk.

General

Market risks relating to our operations result primarily from changes in exchange rates and interest rates. We take various measures to compensate for the effects and fluctuation in both exchange rates and interest rates. We use financial instruments and derivatives in order to limit the exposure to risks deriving from changes in exchange rates and interest rates. No derivatives instruments are entered into for trading purposes.

Exchange Rate Risk Management

General

While our functional currency is the U.S. dollar, we also have some non-U.S. dollar or non-U.S. dollar linked currency exposures. These exposures are mainly derived from our revenues and expenses denominated in foreign currencies and non-U.S. dollar accounts receivable, payments to suppliers and subcontractors, obligations in other currencies and payroll related expenses incurred, mainly in NIS. Some subcontractors are paid in local currency under prime contracts where we are paid in U.S. dollars.

We take various measures to compensate for the effects of fluctuations in exchange rates. These measures include currency hedging transactions in which we purchase foreign exchange contracts to reduce the volatility of cash flows associated with project related revenues and expenses denominated in certain foreign currencies (mainly Euro and GBP) and attempts to maintain a balance between monetary assets and liabilities in our functional currencies. We also attempt to share currency risks with subcontractors on a “back-to-back” basis, by having the subcontractor assume a proportional amount of the exchange risk.

We use currency hedging contracts and other derivatives instruments to limit our exposure to exchange rate fluctuations related to payroll expenses incurred in NIS. The objective of the foreign exchange contracts is to better ensure that the U.S. dollar-equivalent cash flows are not adversely affected by changes in U.S. dollar/foreign currency exchange rates. In accordance with ASC 815, “Derivatives and Hedging”, these contracts are designated as cash flow hedges. The gain on the effective portion of a cash flow hedge is initially reported as a component of accumulated other comprehensive income and subsequently reclassified into revenues and to contract expenses when the hedged exposure affects revenues or contract expenses, or as financial expenses, if the hedged transaction becomes probable of not occurring. Any gain or loss after a hedge is de-designated, because the hedged transaction is no longer probable of occurring or related to an ineffective portion of a hedge, is recognized in “financial expenses, net” in our consolidated statements of income.

As of December 31, 2018 and December 31, 2019, the notional amount of our outstanding forward contracts was \$1243.9 million and \$558.3 million, respectively. Most of these contracts met the requirements of hedge accounting.

The table below provides information regarding our derivatives instruments held in order to limit the exposure to exchange rate fluctuation as of December 31, 2019. The table does not include information regarding the cross currency interest rate swap transactions in order to effectively hedge the effect of interest and exchange rate differences resulting from the NIS Series A Notes.

Maturity Date - Notional Amount							
(US dollars in millions)							
	2019	2020	2021	2022	2023 onwards	Total	Fair Value at December 31, 2018
Buy US\$ and sell:							
EUR	192.0	70.6	36.0	19.4	12.4	330.4	18.9
GBP	20.1	10.5	4.8	3.2	0.1	38.7	(1.0)
Other currencies	52.8	10.2	—	—	—	63.0	1.9
Total	264.9	91.3	40.8	22.6	12.5	432.1	19.8

Maturity Date - Notional Amount							
(US dollars in millions)							
	2019	2020	2021	2022	2023 onwards	Total	Fair Value at December 31, 2018
Sell US\$ and buy:							
EUR	63.6	4.7	12.9	—	—	81.2	(3.7)
GBP	9.2	0.1	—	—	—	9.3	0.2
Other currencies	31.6	4.1	—	—	—	35.7	(0.7)
Total	104.4	8.9	12.9	—	—	126.2	(4.2)

At December 31, 2019, a 5% and 10% strengthening of the U.S. dollar relative to the currencies in which our derivative instruments were denominated would have resulted in unrealized losses of \$14.2 and \$28.6 million, respectively, and a 5% and 10% weakening in the value of the U.S. dollar relative to the currencies in which our derivative instruments were denominated would have resulted in unrealized gains of \$14.1 and \$28.2 million, respectively. This calculation assumes that each exchange rate would have changed in the same direction relative to the U.S. dollar. Consistent with the use of these contracts to neutralize the effect of exchange rate fluctuations, most of such unrealized losses or gains would be offset by corresponding gains or losses, respectively, in the remeasurement of the underlying transactions being hedged. When taken together, these forward currency contracts and the offsetting underlying commitments did not create material market risk.

Interest Rate Risk Management

On December 31, 2019, our liquid assets and obligations were comprised of cash and cash equivalents, bank deposits, short and long-term loans and Series A Notes. Our deposits are mainly in U.S. dollars.

In 2010, we issued NIS 1.1 billion (approximately \$283 million) of Senior A Notes in a public offering on the TASE. These Senior A Notes are payable in ten equal annual installments on June 30 of each of the years 2011 through 2020 and bear a fixed interest rate of 4.84% per annum, payable semi-annually on June 30 and December 30 of each of the years 2010 through 2020. In 2012, we issued through a public offering on the TASE additional Series A Notes in the aggregate principal amount of NIS 807 million (approximately \$217 million), and we issued additional Series A Notes in an aggregate principal amount of NIS 92 million (approximately \$24 million) through a private placement to Israeli institutional investors. As of December 31, 2018 and December 31, 2019, the total principal amount of the Series A Notes was \$60.8 million and \$112.1, respectively.

We also entered into ten-year cross currency interest rate swap transactions in order to effectively hedge the effect of interest and exchange rate differences resulting from the NIS Series A Notes (including the additional Series A Notes that were issued in 2012). Under the cross currency interest rate swaps, the Company received fixed NIS at a rate of 4.84% on NIS 2 billion and pays floating six-month USD LIBOR + an average spread of 1.84% on \$524 million, which reflects the U.S. dollar value of the Series A Notes on the specific dates the transactions were entered. See above Item 5. Operating and Financial Review and Prospects – Israeli Debt Offering.

The remaining debt is mainly in short and long-term loans in U.S. dollars at floating interest rates. The majority of our borrowings (net of the effect of the cross currency interest rate swap transaction) are usually linked to the relevant LIBOR plus a spread of 0.75% - 1.75%, and therefore are exposed to changes in interest rates. Most of our loans will mature within 2020 and 2021.

Should interest rates either increase or decrease, such change may affect our results of operations due to changes in the cost of the liabilities and the return on the assets that are based on variable rates. At December 31, 2019, a hypothetical 1% (100 basis points) increase in the current interest rates would result in an additional expense of \$8 million.

Item 12. Description of Securities Other than Equity Securities.

Not applicable.

Item 13. Defaults, Dividend Arrearages and Delinquencies.

Not applicable.

Item 14. Material Modifications to the Rights of Security Holders and Use of Proceeds.

Not applicable.

Item 15. Controls and Procedures.

Disclosure Controls and Procedures. We maintain disclosure controls and procedures designed to cause that information required to be disclosed in our periodic filings with the SEC is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms. These controls and procedures also provide that such information is accumulated and communicated to our management, including our Chief Executive Officer (CEO) and Chief Financial Officer (CFO), as appropriate, to allow timely decisions regarding required disclosure. In designing and evaluating the disclosure controls and procedures, management recognized that any controls and procedures, no matter how well designed

and operated, can provide only reasonable assurance of achieving the desired control objectives. Also, management necessarily was required to use its judgment in evaluating the cost to benefit relationship of possible disclosure controls and procedures. As of December 31, 2019, we performed an evaluation of the effectiveness of the design and operation of our disclosure controls and procedures. The evaluation was performed with the participation of senior management of major business areas and key corporate functions, and under the supervision of the CEO and CFO. Based on the evaluation, our management, including the CEO and CFO, concluded that our disclosure controls and procedures were effective. There have been no significant changes in our internal controls or in other factors that could significantly affect internal controls after the date we completed the evaluation.

Management's Annual Report on Internal Control Over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting. Internal control over financial reporting is defined in Rules 13a-15(f) under the Securities Exchange Act of 1934, as amended, as a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles and includes those policies and procedures that:

- (1) pertain to the maintenance of records that in reasonable detail accurately and fairly reflect our transactions and dispositions of assets;
- (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that our receipts and expenditures are being made in accordance with authorizations of our management and directors; and
- (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of our assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements including the possibility of human error and the circumvention or overriding of sound control procedures. Projections of any evaluation of effectiveness to future periods are subject to the risks that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Our management, including our CEO and CFO, assessed the effectiveness of our internal control over financial reporting as of December 31, 2019. In making this assessment, management used the criteria set forth by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) in "Internal Control – Integrated Framework (2013 Framework)". Based on this assessment, management believes that, as of December 31, 2019, our internal control over financial reporting is effective. Our assessment of the effectiveness of our internal control over financial reporting as of December 31, 2019 did not include an assessment of a subsidiary established as a result of the acquisition of the Night Vision Business in September 2019.

The effectiveness of our internal control over financial reporting as of December 31, 2019 has been audited by Kost Forer Gabbay & Kasierer (Kost), an independent registered public accounting firm in Israel and a member of Ernst & Young Global (EY), as stated in their report included in Item 18. Financial Statements. The audit of internal control over financial reporting of the Company did not include an evaluation of the internal control over financial reporting of the subsidiary established as a result of the acquisition of the Night Vision Business in September 2019, which is included in the 2019 consolidated financial statements of the Company and constituted 6% and 1% of total and net assets, respectively, as of December 31, 2019, and 1% of revenues and net income, for the year then ended.

Changes in Internal Control over Financial Reporting. During the period covered by this annual report, there have not been any changes in our internal control over financial reporting (as such term is defined in Rules 13a-15(f) and 15d-15(f) under the Securities Exchange Act of 1934, as amended) that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

Item 16A. Audit Committee Financial Expert.

Dr. Gleitman, Prof. Nisan and Mr. Kaplinsky, members of our Audit Committee, each meets the criteria of an "Audit Committee Financial Expert" under the applicable rules and regulations of the SEC, and each of their designations as an Audit Committee Financial Expert has been determined by the Board. They are each "independent", as that term is defined in the Nasdaq listing standards.

Item 16B. Code of Ethics.

We have adopted a code of business conduct and ethics that is applicable to all our directors, officers and employees including our principal executive, financial and accounting officers and persons performing similar functions. The code of ethics was approved by our Board and covers areas of professional and business conduct. It is intended to promote honest and ethical behavior, including fair dealing and the ethical handling of conflicts of interest. The code of ethics is supplemented by our anti-bribery and corruption compliance policy and other related policies and procedures, including those relating to our whistleblower and investigations process, due diligence and business gifts and entertainment. We also have a supplier code of conduct that is applicable to ethics and compliance requirements for our supply chain. We provide training on our code of ethics to all of our employees. Our code of ethics, anti-bribery and corruption compliance policy and supplier code of conduct, as well as certain other compliance related policies, are each posted on our website: www.elbitsystems.com.

Item 16C. Principal Accountant Fees and Services.

At the annual general shareholders meeting held in November 2019, our shareholders reappointed Kost to serve as our independent auditors. Kost and other EY affiliates billed the Company the following fees for professional services in each of the last two fiscal years:

	Year Ended December 31	
	2019	2018
	(U.S. dollars in thousands)	
Audit Fees	\$ 3,575	\$ 3,217
Tax Fees	252	304
Other Fees	112	221
Total	<u>\$ 3,939</u>	<u>\$ 3,742</u>

“Audit Fees” are the aggregate fees for the audit of our consolidated annual financial statements. This category also includes services generally provided by the independent auditor, such as consents and assistance with and review of documents filed with the SEC. It also includes fees billed for accounting consultations regarding the accounting treatment of matters that occur in the regular course of business, implications of new accounting pronouncements and implementation of ASC 606, ASC 842 and other accounting issues that occur from time to time.

“Tax Fees” are the aggregate fees billed for professional services rendered for tax compliance and tax advice, other than in connection with the audit. Tax compliance involves preparation of original and amended tax returns, tax planning and tax advice.

“Other Fees” are fees billed for services related to assessment of finance software.

Kost and other EY affiliates did not bill the Company for services other than the Audit Fees, Tax Fees and Other Fees described above for fiscal year 2019 or fiscal year 2018.

Our Audit Committee has adopted a pre-approval policy for the engagement of our independent accountant to perform permitted audit and non-audit services. Under this policy, which is designed to assure that such engagements do not impair the independence of our auditors, the Audit Committee pre-approves annually a range of specific audit and non-audit services in the categories of Audit Services, Audit-Related Services, Tax Services and other services that may be performed by our independent accountants, and the maximum pre-approved fees that may be paid as compensation for each pre-approved service in those categories. The Audit Committee is notified periodically and before commencement of any work in these categories. Any proposed services exceeding the pre-approved fees or which includes other scope of work requires specific pre-approval by the Audit Committee. Accordingly, all of the above-mentioned independent auditor fees were pre-approved by our Audit Committee.

Item 16D. Exemptions from the Listing Standards for Audit Committees.

Not applicable.

Item 16E. Purchases of Equity Securities by the Issuer and Affiliated Purchasers.

Reference is made to the disclosure relating to changes in shareholdings of major shareholders in Item 7 of this annual report on Form 20-F.

No shares were repurchased by Elbit Systems during 2019.

Item 16F. Changes in Registrant's Certifying Accountant.

Not Applicable.

Item 16G. Corporate Governance.

Generally, we follow corporate governance standards applicable to us under Israeli and U.S. laws and regulations and Nasdaq listing standards.

As a foreign private issuer, Nasdaq Marketplace Rule 5615(a)(3) allows us to follow Israeli corporate governance practices instead of certain Nasdaq Stock Market requirements. That rule requires that we provide Nasdaq with a letter from outside Israeli counsel stating that our corporate governance practices are not prohibited by Israeli law and disclose in our annual reports the Nasdaq requirements we do not follow and the equivalent Israeli requirement.

In March 2018, we notified Nasdaq of our intent to follow Israeli home country practice in connection with our 2018 Equity Incentive Plan for Executive Officers, which was approved by our Board as permitted by Israeli law without approval by our shareholders. See also Item 6. Directors, Senior Management and Employees - Share Ownership - Elbit Systems' Stock Option Plans - 2018 - Equity Incentive Plan for Executive Officers.

Item 16H. Mine Safety Disclosure.

Not applicable.

Item 17. Financial Statements.

Not applicable.

Item 18. Financial Statements.

See Consolidated Financial Statements attached to this annual report on Form 20-F.

Item 19. Exhibits.

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(b) Exhibits

1.1	Elbit Systems' Memorandum of Association
1.2	Elbit Systems' Restated Articles of Association
2.1	Description of Securities
4.1	Description of the Terms of Office and Employment of the Company's President and Chief Executive Officer ⁽¹⁾
4.2	Elbit Systems Ltd. 2018 Equity Incentive Plan for Executive Officers ⁽²⁾
4.3	Elbit Systems Ltd. 2018 Compensation Policy for Executive Officers and Directors ⁽³⁾
4.4	Summary of IMI Acquisition Agreements ⁽⁴⁾
8	Major Operating Subsidiaries of Elbit Systems
12.1	Certification of Chief Executive Officer of the Registrant pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
12.2	Certification of Chief Financial Officer of the Registrant pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
13.1	Certification of Chief Executive Officer of the Registrant pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
13.2	Certification of Chief Financial Officer of the Registrant pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
15.1	Consent of Kost Forer Gabbay & Kasierer
15.2	Consent of Kesselman & Kesselman
15.3	Consent of Somekh Chaikin

(1) Filed as Exhibit 4.2 to Elbit Systems' annual report on Form 20-F, filed with the SEC on March 22, 2016, and incorporated herein by reference.

(2) Filed as Exhibit 99.1 to Elbit Systems' Registration Statement on Form S-8 (No. 333-223785), for the registration of the underlying shares that may be issued upon exercise of options thereunder, filed with the SEC on March 20, 2018, and incorporated herein by reference.

- (3) Filed as Exhibit “A” to Elbit Systems’ proxy statement dated March 1, 2018, filed as Exhibit 1 to Elbit Systems’ Report of Foreign Private Issuer on Form 6-K, filed with the SEC on March 1, 2018, and incorporated herein by reference.
- (4) Filed as Exhibit 4.4 to Elbit Systems’ annual report on Form 20-F, filed with the SEC on March 19, 2019.

SIGNATURES

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant certifies that it meets all of the requirements for filing on Form 20-F and has duly caused this annual report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: March 25, 2020

ELBIT SYSTEMS LTD.

By: /s/ BEZHALEL MACHLIS

Name: **Bezhael Machlis**

Title: **President and Chief Executive Officer
(Principal Executive Officer)**

**ELBIT SYSTEMS LTD. AND
SUBSIDIARIES**

CONSOLIDATED FINANCIAL STATEMENTS
As of December 31, 2019

**ELBIT SYSTEMS LTD. AND
SUBSIDIARIES**

**CONSOLIDATED FINANCIAL STATEMENTS
As of December 31, 2019
in thousands of U.S. dollars**

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Shareholders and Board of Directors of Elbit Systems Ltd.

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of Elbit Systems Ltd. ("Elbit Systems") and subsidiaries as of December 31, 2019 and 2018, the related consolidated statements of income, comprehensive income, changes in equity and cash flows for each of the three years in the period ended December 31, 2019, and the related notes (collectively referred to as the "consolidated financial statements") and the financial statements schedule listed in the index at Item 19. In our opinion, based on our audits and the reports of the other auditors, the consolidated financial statements present fairly, in all material respects, the consolidated financial position of Elbit Systems and subsidiaries as of December 31, 2019 and 2018, and the consolidated results of their operations and their cash flows for each of the three years in the period ended December 31, 2019, in conformity with U.S. generally accepted accounting principles.

We did not audit the financial statements of two Israeli subsidiaries, which reflect total assets constituting 22% as of December 31, 2018, and total revenues constituting 1% for the period from November 25, 2018, through December 31, 2018 of the related consolidated totals. Those statements were audited by other auditors whose reports have been furnished to us, and our opinion, insofar as it relates to the amounts included for the two Israeli subsidiaries, is based solely on the reports of the other auditors.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) ("PCAOB"), Elbit Systems and subsidiaries' internal control over financial reporting as of December 31, 2019, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework), and our report dated March 25, 2020, expressed an unqualified opinion thereon.

Adoption of Accounting Standards Update (ASU) No. 2014-09

As discussed in Note 2 to the consolidated financial statements, the Company changed its method for recognizing revenue from contracts with customers in the consolidated financial statements for the year ended December 31, 2018, due to the adoption of ASU No. 2014-09, Revenue from Contracts with Customers (Topic 606), as amended, using the modified retrospective adoption method.

Basis for Opinion

These consolidated financial statements are the responsibility of Elbit Systems' management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to Elbit Systems in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence supporting the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audits and the reports of the other auditors provide a reasonable basis for our opinion.

Critical Audit Matters

The critical audit matters communicated below are matters arising from the current period audit of the consolidated financial statements that were communicated or required to be communicated to the audit committee and that: (1) relate to accounts or disclosures that are material to the consolidated financial statements and (2) involved our especially challenging, subjective or complex judgments. The communication of critical audit matters does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matters below, providing separate opinions on the critical audit matters or on the accounts or disclosures to which they relate.

Title

Revenue Recognition

Description of the Matter

As described in note 2 to the consolidated financial statements, the Company generated the majority of its revenues from long-term contracts with its customers for which the related performance obligations are primarily satisfied over time. The Company recognizes revenues on such contracts using the percentage-of-completion cost-to-cost measure of progress ("input method"). Under this method, the Company measures progress towards completion based on the ratio of costs incurred to date to the estimated total costs to complete the performance obligation (s) (referred to as the estimate-at-completion, or "EAC").

The determination of contract EACs requires management to make significant estimates and assumptions to estimate contract revenues, costs and profit associated with its contracts with customers. At the outset of a long-term contract, the Company identifies risks to the achievement of the technical, schedule and cost aspects of the contract, estimates the consideration to be received, and monitors and assesses the effects of those risks on its estimates throughout the contract's life cycle. Significant changes in EAC estimates could have a material effect on the Company's estimated revenue and gross profit recorded during the period under audit.

Auditing revenue recognition based on the percentage-of-completion cost-to-cost measure of progress method was complex due to the judgment involved in evaluating management's significant estimates and assumptions about project economics, schedule and technical feasibility, both at contract inception and throughout the contract's life cycle.

*How We
Addressed the Matter in Our
Audit*

We obtained an understanding, evaluated the design and tested the operating effectiveness of relevant internal controls over the Company's revenue recognition process. For example, we tested internal controls over management's preparation and periodic reviews of the EAC analyses and the significant assumptions underlying a contract's estimated value and estimated total EAC. We also tested internal controls that management executes to validate the accuracy and completeness of the underlying data used in management's EAC analyses.

To test the Company's EAC analyses, our audit procedures included, among others, obtaining an understanding of the contract and the contractual terms, evaluating, for a sample of contracts, the Company's historical ability to accurately estimate expected costs by comparing management's estimates of labor hours, subcontractor costs and materials required to complete the contract to actual results. We also verified costs incurred by comparing them to supporting documents and agreed key terms to contract documentation, including estimated contract value. In addition, we verified that the variances in costs incurred from projected costs are properly reflected in the EAC analyses.

Title

Valuation of assets acquired and liabilities assumed in the acquisition of Harris Night Vision Business

Description of the Matter

As described in note 1 to the consolidated financial statements, during the year ended December 31, 2019, the Company completed the acquisitions of the Night Vision business of L3Harris Technologies, for net consideration of \$351.5 million. The transaction was accounted for as a business combination. The Company's accounting for the acquisition included determining the fair values of the identifiable assets acquired and liabilities assumed, which included a customer-relationship intangible asset.

Auditing the Company's determination of the customer-relationship intangible asset was complex due to the significant estimation required by management. The estimated fair value of the customer-relationship intangible asset at the acquisition date was \$67 million. The complexity was primarily due to the sensitivity of the fair value to certain of the significant underlying assumptions. The Company primarily used a discounted cash flow model to measure the customer-relationship intangible asset. The significant assumptions used to estimate the value of the customer-relationship intangible asset included the discount rates and certain assumptions that form the basis of the projected financial information (e.g., revenue growth rates and operating profit margin). These significant assumptions are forward looking and could be affected by future economic and market conditions.

How We Addressed the Matter in Our Audit We obtained an understanding, evaluated the design and tested the operating effectiveness of controls over the Company's process for determining the fair value of the customer-relationship intangible asset. For example, we tested controls over management's estimation process supporting the recognition and measurement of the intangible asset, including the review of the valuation model and significant assumptions used in the valuation model.

To test the estimated fair value of the customer-relationship intangible asset, we performed audit procedures that included, among others, evaluating the Company's selection of the appropriate valuation methodology, evaluating the significant assumptions used by management and testing the completeness and accuracy of the underlying data. We involved our valuation specialists to assist with our evaluation of the methodology used by the Company and significant assumptions included in the fair value estimates. For example, we compared the significant assumptions to current industry, market and economic trends, historical results of the acquired business and to other relevant third-party industry outlooks. We also performed sensitivity analyses of the significant assumptions to evaluate the effects on the estimated fair value.

Title **Defined Benefit Pension Plan Obligations**

Description of the Matter As described in Note 17, as of December 31, 2019, the Company's aggregate defined benefit pension obligation was \$843.3 million and exceeded the fair value of pension plan assets of \$289.5 million, resulting in an unfunded defined benefit pension obligation of \$553.8 million. The Company updates the estimates used to measure the defined benefit pension obligation and plan assets at year-end or upon a remeasurement event to reflect updated participant data, actuarial assumptions and actual return on plan assets, among others.

Auditing the defined benefit pension obligation was complex and required the involvement of specialists as a result of the judgmental nature of the significant actuarial assumptions such as discount rates, expected long-term rate of return on plan assets, future salaries increase and assumed mortality rates, used in the measurement process. These assumptions have a significant effect on the projected benefit obligation, with the discount rate being the most sensitive of those assumptions.

How We Addressed the Matter in Our Audit We obtained an understanding, evaluated the design and tested the operating effectiveness of relevant internal controls over management's measurement and valuation of the defined benefit pension obligation. For example, we tested the internal controls over management's review of the defined benefit pension obligation calculations, the significant actuarial assumptions and the data inputs provided to the actuaries.

To test the defined benefit pension obligation, our audit procedures included, among others, evaluating the methodology used, the significant actuarial assumptions described above and the underlying data used by the Company. For example, we confirmed the consistency of the actuarial assumptions used by management and evaluated that the change in the defined benefit pension obligation from the prior year was due to the effects of service cost, interest cost, actuarial gains and losses, benefit payments, contributions and new mortality assumptions. In addition, we involved our actuarial specialists to assist in evaluating management's methodology for determining the discount rates and that the discount rates reflect the duration of the related benefit payments. To evaluate the reasonableness of future salary increases and the mortality assumptions, we assessed whether the information is consistent with publicly available information. We also tested the completeness and accuracy of the underlying data, including the participant data used in the actuarial calculations. To evaluate the expected return on plan assets, we assessed whether management's assumption was consistent with a range of returns for a portfolio of comparative investments.

/s/ Kost Forer Gabbay & Kasierer
A member of Ernst & Young Global

We have served as Elbit Systems' auditor since 2003.

Tel Aviv, Israel
March 25, 2020



REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Shareholders and Board of Directors of Elbit Systems Ltd.

Opinion on Internal Control over Financial Reporting

We have audited Elbit Systems Ltd. ("Elbit Systems") and subsidiaries' internal control over financial reporting as of December 31, 2019, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) (the COSO criteria). In our opinion, Elbit Systems and subsidiaries maintained, in all material respects, effective internal control over financial reporting as of December 31, 2019, based on the COSO criteria.

As indicated in the accompanying Management's Annual Report on Internal Control over Financial Reporting, management's assessment of and conclusion on the effectiveness of internal control over financial reporting did not include the internal controls of a U.S. subsidiary acquired during 2019, which are included in the 2019 consolidated financial statements of the Company and constituted 6% and 1% of total and net assets, as of December 31, 2019 and 1% of revenues, for the year then ended. Our audit of internal control over financial reporting of the Company also did not include an evaluation of the internal control over financial reporting of the subsidiary acquired during 2019.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated balance sheets of Elbit Systems and subsidiaries as of December 31, 2019 and 2018, the related consolidated statements of income, comprehensive income, changes in equity and cash flows for each of the three years in the period ended December 31, 2019, and the related notes and financial statement schedule and our report dated March 25, 2020 expressed an unqualified opinion thereon, based on our audit and the reports of the other auditors.

Basis for Opinion

Elbit Systems' management is responsible for maintaining effective internal control over financial reporting, and for its assessment of the effectiveness of internal control over financial reporting included in the accompanying Management's Annual Report on Internal Control over Financial Reporting. Our responsibility is to express an opinion on Elbit Systems and subsidiaries' internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects.

Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.



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ey.com

Definition and Limitations of Internal Control Over Financial Reporting

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ Kost Forer Gabbay & Kasierer
A member of Ernst & Young Global

Tel Aviv, Israel
March 25, 2020

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

CONSOLIDATED BALANCE SHEETS

U.S. dollars (In thousands, except share data)

		December 31,	
	Note	2019	2018
CURRENT ASSETS:			
Cash and cash equivalents		\$ 221,060	\$ 208,479
Short-term bank deposits and restricted deposits		2,213	16,447
Trade and unbilled receivables and contract assets, net	3	2,067,846	1,712,915
Other receivables and prepaid expenses	4	160,728	199,148
Inventories, net	5	1,219,920	1,141,996
Total current assets		3,671,767	3,278,985
LONG-TERM INVESTMENTS AND RECEIVABLES:			
Investments in affiliated companies, partnerships and other companies	6	201,574	196,180
Long-term trade and unbilled receivables and contract assets	7	259,150	297,145
Premises evacuation receivable	1C(5)	—	365,436
Long-term bank deposits and other receivables	8	58,076	42,962
Deferred income taxes, net	18F	89,452	42,804
Severance pay fund	2R	287,104	278,732
		895,356	1,223,259
OPERATING LEASE RIGHT OF USE ASSETS	9	365,763	—
PROPERTY, PLANT AND EQUIPMENT, NET	10	766,532	686,620
GOODWILL	11	1,340,617	1,022,624
OTHER INTANGIBLE ASSETS, NET	11	295,323	239,297
TOTAL ASSETS		\$ 7,335,358	\$ 6,450,785

The accompanying notes are an integral part of the consolidated financial statements.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

CONSOLIDATED BALANCE SHEETS

U.S. dollars (In thousands, except share data)

	Note	December 31,	
		2019	2018
CURRENT LIABILITIES:			
Short-term bank credit and loans	12	\$ 208,399	\$ 208,821
Current maturities of long-term loans and Series A Notes	15,16	199,882	62,546
Operating lease liabilities	9	62,565	—
Trade payables		926,338	776,100
Other payables and accrued expenses	13	1,052,080	1,081,992
Contract liabilities (customer advances)	14	723,581	780,994
Total current liabilities		<u>3,172,845</u>	<u>2,910,453</u>
LONG-TERM LIABILITIES:			
Long-term loans, net of current maturities	15	440,124	467,649
Series A Notes, net of current maturities	16	—	56,303
Employee benefit liabilities	2R	836,535	736,798
Deferred income taxes and tax liabilities, net	18F	114,419	78,677
Contract liabilities (customer advances)	14	62,830	175,890
Operating lease liabilities	9	323,287	—
Other long-term liabilities	20	225,478	170,607
Total long-term liabilities		<u>2,002,673</u>	<u>1,685,924</u>
COMMITMENTS AND CONTINGENT LIABILITIES			
	21		
EQUITY:			
	22		
Elbit Systems Ltd. equity:			
Share capital:			
Ordinary shares of 1 New Israeli Shekels (“NIS”) par value each; Authorized – 80,000,000 shares as of December 31, 2019 and 2018; Issued 44,198,330 shares as of December 31, 2019 and 2018, respectively; Outstanding 44,198,330 and 42,789,409 shares as of December 31, 2019 and 2018, respectively		12,742	12,348
Additional paid-in capital		411,568	263,556
Treasury shares – 1,408,921 as of December 31, 2018		—	(40,428)
Accumulated other comprehensive loss		(144,963)	(94,944)
Retained earnings		1,862,059	1,691,921
Total Elbit Systems Ltd. equity		<u>2,141,406</u>	<u>1,832,453</u>
Non-controlling interests		18,434	21,955
Total equity		<u>2,159,840</u>	<u>1,854,408</u>
TOTAL LIABILITIES AND EQUITY		<u>\$ 7,335,358</u>	<u>\$ 6,450,785</u>

The accompanying notes are an integral part of the consolidated financial statements.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF INCOME

U.S. dollars (In thousands, except per share data)

	Note	Year ended December 31,		
		2019	2018	2017
Revenues	2T, 23	\$ 4,508,400	\$ 3,683,684	\$ 3,377,825
Cost of revenues		3,371,933	2,707,505	2,374,775
Gross profit		1,136,467	976,179	1,003,050
Operating expenses:				
Research and development, net	24	331,757	287,352	265,060
Marketing and selling, net		301,400	281,014	280,246
General and administrative, net		214,749	160,348	133,314
Other operating income, net	6C, 9D	(33,049)	(45,367)	—
Total operating expenses		814,857	683,347	678,620
Operating income		321,610	292,832	324,430
Financial expenses, net	25	(69,072)	(44,061)	(34,502)
Other expense, net	26	(6,243)	(11,449)	(5,082)
Income before income taxes		246,295	237,322	284,846
Income taxes	18D	(19,414)	(26,445)	(55,585)
		226,881	210,877	229,261
Equity in net earnings (losses) of affiliated companies and partnerships	6B	1,774	(2,222)	11,361
Net income		\$ 228,655	\$ 208,655	\$ 240,622
Less: net income attributable to non-controlling interests		(798)	(1,917)	(1,513)
Net income attributable to Elbit Systems Ltd.'s shareholders		\$ 227,857	\$ 206,738	\$ 239,109
Basic net earnings per share attributable to Elbit Systems Ltd.'s shareholders	22	\$ 5.20	\$ 4.83	\$ 5.59
Diluted net earnings per share attributable to Elbit Systems Ltd.'s shareholders		\$ 5.20	\$ 4.83	\$ 5.59
Weighted average number of shares used in computation of basic net earnings per share		43,787	42,789	42,786
Weighted average number of shares used in computation of diluted net earnings per share		43,848	42,789	42,789

The accompanying notes are an integral part of the consolidated financial statements.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

U.S. dollars (In thousands)

	Year ended December 31,		
	2019	2018	2017
Net income	\$ 228,655	\$ 208,655	\$ 240,622
Other comprehensive income (loss), net of tax:^(*)			
Foreign currency translation differences	7,362	(19,705)	8,169
Unrealized gains (losses) on derivative instruments, net of tax	9,965	3,805	(22,224)
Pension and other post-retirement benefit plans, net of tax	(66,806)	7,970	(662)
Unrealized losses on available-for-sale marketable securities, net of tax	—	(11)	(6)
	<u>(49,479)</u>	<u>(7,941)</u>	<u>(14,723)</u>
Total comprehensive income	179,176	200,714	225,899
Less: comprehensive income attributable to non-controlling interest	(1,338)	(1,268)	(2,261)
Comprehensive income attributable to Elbit Systems Ltd.'s shareholders	<u>\$ 177,838</u>	<u>\$ 199,446</u>	<u>\$ 223,638</u>

^(*) Other comprehensive income (loss), net of tax expenses in the amounts of \$924, \$2,175 and \$5,199 for the years 2019, 2018 and 2017, respectively.

The accompanying notes are an integral part of the consolidated financial statements.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

STATEMENTS OF CHANGES IN EQUITY

U.S. dollars (In thousands, except share data)

	Number of outstanding shares	Share capital	Additional paid-in capital	Accumulated other comprehensive income (loss)	Retained earnings	Treasury shares	Non- controlling interest	Total equity
Balance as of January 1, 2017	42,782,043	\$ 12,345	\$ 261,992	\$ (72,181)	\$ 1,398,112	\$ (40,428)	\$ 7,401	\$ 1,567,241
Exercise of options	5,214	2	117	—	—	—	—	119
Stock-based compensation	—	—	13	—	—	—	—	13
Dividends paid	—	—	—	—	(75,300)	—	—	(75,300)
Other comprehensive income, net of tax expense of \$5,199	—	—	—	(15,471)	—	—	748	(14,723)
Net income attributable to non- controlling interests	—	—	—	—	—	—	1,513	1,513
Net income attributable to Elbit Systems Ltd.'s shareholders	—	—	—	—	239,109	—	—	239,109
Balance as of December 31, 2017	42,787,257	\$ 12,347	\$ 262,122	\$ (87,652)	\$ 1,561,921	\$ (40,428)	\$ 9,662	\$ 1,717,972

The accompanying notes are an integral part of the consolidated financial statements.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

STATEMENTS OF CHANGES IN EQUITY

U.S. dollars (In thousands, except share data)

	Number of outstanding shares	Share capital	Additional paid-in capital	Accumulated other comprehensive income (loss)	Retained earnings	Treasury shares	Non- controlling interest	Total equity
Balance as of January 1, 2018	42,787,257	\$ 12,347	\$ 262,122	\$ (87,652)	\$ 1,561,921	\$ (40,428)	\$ 9,662	\$ 1,717,972
Cumulative effect of adoption of ACS Topic 606	—	—	—	—	(1,433)	—	—	(1,433)
Exercise of options	2,152	1	47	—	—	—	—	48
Stock-based compensation	—	—	1,387	—	—	—	—	1,387
Dividends paid	—	—	—	—	(75,305)	—	—	(75,305)
Minority interest related to IMI's acquisition	—	—	—	—	—	—	11,025	11,025
Other comprehensive loss, net of tax expense of \$2,175	—	—	—	(7,292)	—	—	(649)	(7,941)
Net income attributable to non-controlling interests	—	—	—	—	—	—	1,917	1,917
Net income attributable to Elbit Systems Ltd.'s shareholders	—	—	—	—	206,738	—	—	206,738
Balance as of December 31, 2018	42,789,409	\$ 12,348	\$ 263,556	\$ (94,944)	\$ 1,691,921	\$ (40,428)	\$ 21,955	\$ 1,854,408

The accompanying notes are an integral part of the consolidated financial statements.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

STATEMENTS OF CHANGES IN EQUITY

U.S. dollars (In thousands, except share data)

	Number of outstanding shares	Share capital	Additional paid-in capital	Accumulated other comprehensive income (loss)	Retained earnings	Treasury shares	Non- controlling interest	Total equity
Balance as of January 1, 2019	42,789,409	\$ 12,348	\$ 263,556	\$ (94,944)	\$ 1,691,921	\$ (40,428)	\$ 21,955	\$ 1,854,408
Stock-based compensation	—	—	3,994	—	—	—	—	3,994
Issuance of treasury shares	1,408,921	394	144,018	—	—	40,428	—	184,840
Dividends paid	—	—	—	—	(57,719)	—	(4,859)	(62,578)
Other comprehensive loss, net of tax expense of \$924	—	—	—	(50,019)	—	—	540	(49,479)
Net income attributable to non- controlling interests	—	—	—	—	—	—	798	798
Net income attributable to Elbit Systems Ltd.'s shareholders	—	—	—	—	227,857	—	—	227,857
Balance as of December 31, 2019	44,198,330	\$ 12,742	\$ 411,568	\$ (144,963)	\$ 1,862,059	\$ —	\$ 18,434	\$ 2,159,840

The accompanying notes are an integral part of the consolidated financial statements.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS

U.S. dollars (In thousands)

	Year ended December 31,		
	2019	2018	2017
CASH FLOWS FROM OPERATING ACTIVITIES			
Net income	\$ 228,655	\$ 208,655	\$ 240,622
Adjustments to reconcile net income to net cash provided by operating activities:			
Depreciation and amortization	137,146	118,205	114,017
Write-off impairment	3,692	13,334	—
Stock-based compensation	3,994	1,387	13
Amortization of Series A Notes discount (premium) and related issuance costs, net	(93)	(92)	(92)
Deferred income taxes and reserve, net	(15,059)	13,724	28,774
Loss (gain) on sale of property, plant and equipment	(34,154)	2,080	(2,440)
Loss (gain) on sale of investments, remeasurement of investments held under fair value method and deconsolidation of subsidiary	(7,928)	(41,822)	1,358
Equity in net (earnings) losses of affiliated companies and partnerships, net of dividend received ^(*)	8,526	17,929	(1,987)
Changes in operating assets and liabilities, net of amounts acquired:			
Increase in short and long-term trade and unbilled receivables and contract assets, net and prepaid expenses	(267,924)	(89,099)	(315,236)
Increase in inventories, net	(55,841)	(117,221)	(59,699)
Increase (decrease) in trade payables, other payables and accrued expenses	115,621	(89,956)	63,273
Severance, pension and termination indemnities, net	4,629	(31,363)	2,003
Increase (decrease) in contract liabilities (customer advances)	(174,582)	185,898	30,287
Net cash provided by operating activities	<u>(53,318)</u>	<u>191,659</u>	<u>100,893</u>
CASH FLOWS FROM INVESTING ACTIVITIES			
Purchase of property, plant and equipment and other assets	(137,604)	(102,301)	(107,880)
Acquisitions of subsidiaries and business operations (Schedule A)	(357,144)	(504,447)	(25,440)
Investments in affiliated companies and other companies	(8,567)	(7,538)	(4,964)
Proceeds from premises evacuation grants receivable	344,913	—	—
Deconsolidation of subsidiary (Schedule B)	—	(2,873)	—
Proceeds from sale of property, plant and equipment	36,671	4,388	6,270
Proceeds from sale of investments	—	—	12,067
Investment in long-term deposits	(289)	(183)	(1,396)
Proceeds from sale of long-term deposits	251	82	176
Investment in short-term deposits and available-for-sale marketable securities	(2,314)	(10,361)	(40,893)
Proceeds from sale of short-term deposits and available-for-sale marketable securities	17,294	30,363	46,491
Net cash used in investing activities	<u>(106,789)</u>	<u>(592,870)</u>	<u>(115,569)</u>
CASH FLOWS FROM FINANCING ACTIVITIES			
Proceeds from exercise of options	—	48	119
Issuance of treasury shares, net	184,840	—	—
Repayment of long-term loans	(243,324)	(775)	(167,425)
Proceeds from long-term loans	350,000	342,528	118,623
Repayment of Series A Notes	(55,532)	(55,532)	(55,532)
Dividends paid	(62,578)	(75,305)	(75,300)
Change in short-term bank credit and loans, net	(718)	242,652	127,455
Net cash used in financing activities	<u>172,688</u>	<u>453,616</u>	<u>(52,060)</u>
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS	12,581	52,405	(66,736)
CASH AND CASH EQUIVALENTS AT THE BEGINNING OF THE YEAR	<u>\$ 208,479</u>	<u>\$ 156,074</u>	<u>\$ 222,810</u>
CASH AND CASH EQUIVALENTS AT THE END OF THE YEAR	<u>\$ 221,060</u>	<u>\$ 208,479</u>	<u>\$ 156,074</u>
(*) Dividends received from affiliated companies and partnerships	<u>\$ 10,300</u>	<u>\$ 15,707</u>	<u>\$ 9,374</u>

The accompanying notes are an integral part of the consolidated financial statements.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS

U.S. dollars (In thousands)

SUPPLEMENTAL CASH FLOW ACTIVITIES:

	Year ended December 31,		
	2019	2018	2017
<u>Cash paid during the year for:</u>			
Income taxes, net	\$ 12,850	\$ 26,463	\$ 47,707
Interest	\$ 35,301	\$ 30,304	\$ 16,139

Schedule A: Acquisitions of subsidiaries and business operations

	Year ended December 31,		
	2019	2018	2017
Estimated net fair value of assets acquired and liabilities assumed at the date of acquisition was as follows:			
Working capital (deficit), net (excluding cash and cash equivalents)	\$ 15,056	\$ (105,392)	\$ (10,454)
Property, plant and equipment	32,770	200,115	672
Other long-term assets	(2,537)	386,101	—
Goodwill and other intangible assets	334,126	550,115	50,185
Deferred income taxes	1,204	(5,633)	(3,543)
Employee benefit liabilities, net	(19,930)	(382,871)	—
Long-term liabilities	(3,545)	(126,963)	(11,420)
Non-controlling interest	—	(11,025)	—
	<u>\$ 357,144</u>	<u>\$ 504,447</u>	<u>\$ 25,440</u>

Schedule B: Deconsolidation of subsidiary

	Year ended December 31,		
	2019	2018	2017
Estimated net fair value of assets and liabilities that exited consolidation scope was as follows:			
Working capital, net (excluding cash and cash equivalents)	\$ —	\$ 2,514	\$ —
Other long term liabilities	—	838	—
Property, plant and equipment	—	(1,938)	—
Fair value of investment / interest retained	—	43,350	—
Gain from deconsolidation	—	(41,891)	—
Deconsolidation of subsidiary's cash, net	<u>\$ —</u>	<u>\$ 2,873</u>	<u>\$ —</u>

The accompanying notes are an integral part of the consolidated financial statements.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 1 - GENERAL**A. GENERAL**

Elbit Systems Ltd. ("Elbit Systems" or the "Company") is an Israeli corporation that is 44.30% owned by the Federmann Group. Elbit Systems' shares are traded on the Nasdaq National Market in the United States ("Nasdaq") and on the Tel-Aviv Stock Exchange ("TASE"). Elbit Systems and its subsidiaries (collectively the "Company") are engaged mainly in the fields of defense, homeland security and commercial aviation. Elbit Systems' major wholly-owned subsidiaries are the Elbit Systems of America, LLC ("ESA") companies, Elbit Systems Electro-Optics Elop Ltd. ("Elop"), Elbit Systems C4I and Cyber Ltd. ("C4I and Cyber"), Elbit Systems EW and SIGINT - Elisra Ltd. ("Elisra") and Elbit Systems Land Ltd. ("ELS").

B. SALES TO GOVERNMENTAL AGENCIES

The Company derives a majority of its revenues from direct or indirect sales to governments or governmental agencies. As a result, these sales are subject to the special risks associated with sales to governments or governmental agencies. These risks include, among others, dependence on the resources allocated by governments to defense programs, changes in governmental priorities, anti-corruption regulations, changes in governmental regulations, cyber security and information assurance requirements and changes in governmental approvals regarding export licenses required for the Company's products and for its suppliers. As for major customers, refer to Note 23C.

C. ACQUISITIONS AND INVESTMENTS

- In September 2019, ESA completed the acquisition of the night vision business of L3Harris Technologies (the "Night Vision Business") for a purchase price of approximately \$351,500 subject to working capital adjustments. Located in Roanoke, Virginia, the Night Vision Business is engaged in the development, production and supply of night vision technology for the U.S. and allied military and security forces and for the U.S. federal homeland security market. Following the acquisition, the Night Vision Business operates as Elbit Night Vision ("ENV").

The results of operations of ENV were consolidated in the Company's financial statements commencing on the date of acquisition and were immaterial to the Company's results of operations for the year ended December 31, 2019.

Based on a preliminary Purchase Price Allocation ("PPA") performed by independent adviser, the purchase price was attributed to the fair value of assets acquired and liabilities assumed from the seller as follows:

	Fair value	Expected useful lives
Net tangible assets and liabilities assumed (current and non-current), excluding cash and cash equivalents	\$ 29,287	
Technology	37,000	8 years
Customer relationships	67,000	20 years
Customer backlog	6,500	3 years
Goodwill	211,727	
	<u>\$351,514</u>	

The Company is in the process of completing the valuation of the net tangible and intangible assets acquired and liabilities assumed, and its estimate of these values was still preliminary on December 31, 2019. Therefore, these provisional amounts are subject to change as the Company completes the valuation throughout the measurement period, which will be completed within 12 months of the acquisition date.

Goodwill represents the purchase price paid in excess of the fair value of net tangible and intangible assets acquired, and is attributable primarily to expected synergies, economies of scale and the assembled workforce of ENV.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 1 - GENERAL (Cont.)

C. ACQUISITIONS AND INVESTMENTS (Cont.)

- Expenses related to the Night Vision Business acquisition and other non-recurring expenses:

During the fourth quarter of 2019, following the acquisition of the Night Vision Business, the Company initiated a reorganization plan, which includes charges related to the integration of ENV, primarily associated with write-off of pre-contract costs and impairment of property, plant and equipment. Total expenses related to the the Night Vision Business acquisition and other non-recurring expenses amounted to approximately \$55,030, as follows:

<u>Expense type</u>	<u>2019</u>
Inventory write-off	\$ 54,713
Long-lived assets write-off	317
	<u>\$ 55,030</u>

<u>Expense category</u>	
Cost of revenue	<u>\$ 55,030</u>

The results of operations of ENV were consolidated from the date of acquisition. Pro forma information has not been provided because the impact of ENV's financial results was not material to the revenue and net income of the Company.

- In January 2019, the Company completed the acquisition of a 100% of an Israeli affiliated company, previously held by the Company at 19%, for a purchase price of approximately \$11,800, of which approximately \$4,050 is contingent consideration, which may become payable on the occurrence of certain future events. Based on a PPA performed by an independent adviser, the purchase price was attributed mainly to goodwill (approximately \$9,200) and to other intangible assets (approximately \$2,700). The results of operation of the acquired company were consolidated in the Company's financial statements commencing on the date of acquisition. The effects of this acquisition on consolidated revenues and net income were immaterial. Pro-forma information was not provided due to immateriality. As of December 31, 2019, the contingent consideration was \$3,545.
- In April 2018, the Company completed the acquisition of the assets and operations of the privately-owned U.S. company Universal Avionics Systems Corporation ("Universal"), for a total consideration of approximately \$123,581. Universal is a developer and manufacturer of commercial avionics systems for the retrofit and forward-fit market for a wide range of fixed and rotary aircraft types.

Based on a PPA performed by an independent adviser, the purchase price was attributed to the fair value of assets acquired and liabilities assumed as follows:

	<u>Fair value</u>	<u>Expected useful lives</u>
Net tangible assets and liabilities assumed (current and non-current), excluding cash and cash equivalents	\$ 52,509	
Technology	21,128	15 years
Customer relationships	13,924	15 years
Trademark	4,960	20 years
Goodwill	31,060	
	<u>\$123,581</u>	

The results of operations of Universal were consolidated from the date of acquisition. Pro forma information has not been provided because the impact of Universal's financial results was not material to the revenue and net income of the Company.

Goodwill represents the purchase price paid in excess of the fair value of net tangible and intangible assets acquired.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 1 - GENERAL (Cont.)

C. ACQUISITIONS AND INVESTMENTS (Cont.)

4. In the second quarter of 2018, an Israeli subsidiary operating in the filed of commercial cybersecurity was deconsolidated following an investment by a third party, which holds certain substantial participation rights, resulting in loss of control over the subsidiary. As a result, the Company recognized in other operating income a net gain related to the revaluation of the shares held by the Company of approximately \$42,000 (see Note 6C(1)). In addition, in the second quarter of 2018, a third party invested in a newly established Israeli subsidiary acting in the area of surgeon-centered visualization technologies, resulting in loss of control of the subsidiary because the third party investor holds certain substantial participation rights. As a result, the Company recognized in other operating income a net gain of approximately \$3,500 related to revaluation of the shares held by the Company (see Note 6C(2)).
5. On November 25, 2018, the Company completed the acquisition of 100% of the interests in an Israeli company, IMI Systems Ltd. and its subsidiaries (collectively: "IMI"), for a total nominal consideration of approximately \$520,000 (approximately NIS 1,900 million). The consideration is comprised of the following: approximately \$380,000 (approximately NIS 1,400 million) paid in cash, approximately \$24,000 (approximately NIS 90 million) is contingent consideration recorded at fair value, subject to IMI achieving agreed performance goals, which may become payable on the occurrence of certain future events, and approximately \$94,000 (approximately NIS 350 million) at present value are deferred payments to be paid in 2020 and 2022. As of December 31, 2019, the contingent consideration was approximately \$26,400.

The results of operations of the acquired company were consolidated in the Company's financial statements commencing on the date of acquisition.

IMI is engaged primarily in the development and manufacture of precision munitions and armored vehicle survivability and protection systems.

The preliminary PPA was based on information available at the time of closing the IMI acquisition. The Company finalized the PPA for IMI as of December 31, 2019. The following table summarizes the preliminary PPA and adjustments since the preliminary PPA was disclosed as of December 31, 2018:

	Preliminary estimated fair value	Adjustments	Fair value ^(*)	Average expected useful lives
Net tangible assets and liabilities assumed (current and non-current)	\$ 39,405	\$ (12,846)	\$ 26,559	
Employees benefit liabilities, net	(386,101)	(5,143)	\$ (391,244)	
Premises evacuation receivable	370,089	(14,927)	\$ 355,162	
Backlog	18,600	—	\$ 18,600	mainly 10
Technology	52,905	(34,114)	\$ 18,791	mainly 8
Customer relationships	52,131	—	\$ 52,131	mainly 10
Goodwill	351,426	67,030	\$ 418,456	
	<u>\$ 498,455</u>	<u>\$ —</u>	<u>\$ 498,455</u>	

(*) During 2019, the Company adjusted the PPA as a result of receiving certain information which existed as of the date of acquisition.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 1 - GENERAL (Cont.)

C. ACQUISITIONS AND INVESTMENTS (Cont.)

5. Goodwill represents the purchase price paid in excess of the fair value of net tangible and intangible assets acquired, and is attributable primarily to expected synergies, economies of scale and the assembled workforce of IMI.

Further to the acquisition agreement, the Company was entitled to premises evacuation compensation in the amount of approximately \$365,000 (approximately NIS 1,365 million), upon the relocation of certain of IMI's facilities. During 2019, the Company sold the premises evacuation receivable for the amount of approximately \$345,000 to an Israeli bank and accounted of the transaction as true sale under ASC 860. The Company is still entitled to receive building inputs index adjustments on the base premises evacuation receivable, which is recorded as a financial asset measured at fair value in the amount of approximately \$31,000. (See Note 8).

Following are the supplemental consolidated financial results of the Company on an unaudited pro forma basis, as if the IMI acquisition had been consummated on January 1, 2017 (unaudited):

	December 31,	
	2018	2017
Proforma revenue	<u>\$ 4,028,656</u>	<u>\$ 3,941,825</u>
Proforma net income (loss)	<u>\$ (18,758)</u>	<u>\$ 216,109</u>
<u>Proforma earnings (loss) per share:</u>		
Basic	<u>\$ (0.44)</u>	<u>\$ 5.06</u>
Diluted	<u>\$ (0.44)</u>	<u>\$ 5.05</u>

These proforma results were based on estimates and assumptions, which the Company believes are reasonable. They are not necessarily the results that would have been realized had the Company and IMI been a combined company during the periods presented and are not necessarily indicative of the Company's consolidated results of operations in future periods. The pro forma results include adjustments related to purchase accounting, primarily amortization of intangible assets, depreciation related to the excess of cost over equity attributable to purchased real estate, property, plant and equipment and elimination of inter-company transactions.

Expenses related to the IMI acquisition and other non-recurring expenses:

During the fourth quarter of 2018, following the acquisition of IMI, the Company initiated a reorganization plan, which includes charges related to the integration of IMI, primarily associated with plans to abandon duplicate facilities, manufacturing and supply chain infrastructure, write-off of pre-contract costs and impairment of property, plant and equipment and intangible assets. Total expenses related to the IMI acquisition and other non-recurring expenses amounted to approximately \$69,464, as follows:

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 1 - GENERAL (Cont.)

C. ACQUISITIONS AND INVESTMENTS (Cont.)

5.

<u>Expense type</u>	2018
Inventory write-off	\$ 43,487
Employees related costs ^(*)	12,709
Long-lived assets write-off	2,700
Intangibles write-off	5,520
Other	5,048
	<u>\$ 69,464</u>

<u>Expense category</u>	2018
Cost of revenue	\$ 66,636
Marketing and selling	128
Other income	2,700
	<u>\$ 69,464</u>

(*) Employees related costs represent non-recurring expenses related to certain reorganizational activities, primarily related to one-time payments to certain Israeli subsidiaries' employees under collective bargaining agreements. In addition, other income includes impairment charges on one of the Company's affiliates that was assessed to be impaired given the more advanced IMI technology.

- In June 2017, the Company completed the acquisition of a 100% interest in a Canadian company for a purchase price of approximately \$20,200, of which \$10,500 is contingent consideration, which may become payable on the occurrence of certain future events. Based on a PPA performed by an independent adviser, the purchase price was attributed mainly to goodwill (approximately \$9,500) and to other intangible assets (approximately \$9,500). The results of operation of the acquired company were consolidated in the Company's financial statements commencing on the date of acquisition. The effects on consolidated revenues and net income were immaterial. Pro-forma information was not provided due to immateriality. During 2019, the Company reevaluated its contingent consideration and as of December 31, 2019 the contingent consideration was \$6,622.
- In June 2017, the Company completed the acquisition of a 100% interest in a Brazilian company for a purchase price of approximately \$23,000, of which approximately \$9,700 is contingent consideration, which may become payable on the occurrence of certain future events. Based on a PPA performed by an independent adviser, the purchase price was attributed mainly to goodwill (approximately \$15,600) and to other intangible assets (approximately \$12,300). The results of operation of the acquired company were consolidated in the Company's financial statements commencing on the date of acquisition. The effects on consolidated revenues and net income were immaterial. Pro-forma information was not provided due to immateriality. As of December 31, 2019, the contingent consideration was \$7,960.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 2 - SIGNIFICANT ACCOUNTING POLICIES

The consolidated financial statements have been prepared in accordance with U.S. generally accepted accounting principles (“U.S. GAAP”).

A. USE OF ESTIMATES

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. The most significant assumptions are employed in estimates used in determining values of intangible assets, warranty and contract loss accruals, legal contingencies, tax assets and tax liabilities, stock-based compensation costs, retirement and post-retirement benefits (including the actuarial assumptions), financial instruments with no observable market quotes, as well as in estimates used in applying the Company's revenue recognition policies. Actual results may differ from estimated results.

B. FUNCTIONAL CURRENCY

The Company's revenues are generated mainly in U.S. dollars. In addition, most of the Company's costs are incurred in U.S. dollars. The Company's management believes that the U.S. dollar is the primary currency of the economic environment in which the Company operates. Thus, the functional and reporting currency of the Company is the U.S. dollar.

Transactions and balances of the Company and certain subsidiaries that are denominated in other currencies have been remeasured into U.S. dollars in accordance with principles set forth in ASC 830, “Foreign Currency Matters”. All exchange gains and losses from the remeasurement mentioned above are reflected in the statement of income as financial expenses or income, as appropriate.

For those Israeli and non-Israeli subsidiaries and investees whose functional currency has been determined to be other than the U.S. dollar, assets and liabilities are translated at year-end exchange rates, and statement of income items are translated at average exchange rates prevailing during the year. Resulting translation differences are recorded as a separate component of accumulated other comprehensive income (loss) in equity.

C. PRINCIPLES OF CONSOLIDATION

The consolidated financial statements include the accounts of Elbit Systems and its wholly and majority-owned subsidiaries and variable interests entities that are required to be consolidated.

Intercompany transactions and balances, including profit from intercompany sales not yet realized outside the Company, have been eliminated upon consolidation.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)

D. COMPREHENSIVE INCOME

The Company accounts for comprehensive income in accordance with ASC 220, "Comprehensive Income". This statement establishes standards for the reporting and display of comprehensive income and its components. Comprehensive income generally represents all changes in shareholders' equity during the period except those resulting from investments by, or distributions to, shareholders. Accordingly, the Company presents a separate statement of consolidated comprehensive income.

The following table displays the changes in accumulated other comprehensive income (loss), net of taxes, in the amount of \$50,019 and \$7,292, for the years ended December 31, 2019 and 2018, respectively, by components:

	Unrealized gains (losses) on derivative instruments	Unrealized gains (losses) on available-for-sale marketable securities	Unrealized gains (losses) with respect to pension and post-retirement benefit plans	Foreign currency translation differences	Total
Balance as of January 1, 2019	\$ (3,158)	\$ —	\$ (39,499)	\$ (52,287)	\$ (94,944)
Other comprehensive income (loss) before reclassifications	19,838	—	(60,161)	6,822	(33,501)
Amount reclassified from accumulated other comprehensive income (loss)	(9,873)	—	(6,645)	—	(16,518)
Net current-period other comprehensive income (loss)	9,965	—	(66,806)	6,822	(50,019)
Balance as of December 31, 2019	\$ 6,807	\$ —	\$ (106,305)	\$ (45,465)	\$ (144,963)

	Unrealized gains (losses) on derivative instruments	Unrealized gains (losses) on available-for-sale marketable securities	Unrealized gains (losses) with respect to pension and post-retirement benefit plans	Foreign currency translation differences	Total
Balance as of January 1, 2018	\$ (6,963)	\$ 11	\$ (47,469)	\$ (33,231)	\$ (87,652)
Other comprehensive income (loss) before reclassifications	(5,357)	—	3,321	(19,056)	(21,092)
Amount reclassified from accumulated other comprehensive income (loss)	9,162	(11)	4,649	—	13,800
Net current-period other comprehensive income (loss)	3,805	(11)	7,970	(19,056)	(7,292)
Balance as of December 31, 2018	\$ (3,158)	\$ —	\$ (39,499)	\$ (52,287)	\$ (94,944)

E. BUSINESS COMBINATIONS

The Company applies ASC 805, "Business Combinations". ASC 805 requires recognition of assets acquired, liabilities assumed and non-controlling interest in the acquired entity at the acquisition date, measured at their fair values as of that date. This ASC also requires the fair value of acquired in-process research and development ("IPR&D") to be recorded as intangibles with indefinite lives, contingent consideration to be recorded on the acquisition date and restructuring and acquisition-related deal costs to be expensed as incurred. Any excess of the fair value of net assets acquired over purchase price and any subsequent changes in estimated contingencies are to be recorded in earnings. In addition, changes in valuation allowance related to acquired deferred tax assets and in acquired income tax position are to be recognized in earnings.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)**F. CASH AND CASH EQUIVALENTS**

Cash equivalents are short-term highly liquid investments that are readily convertible to cash with original maturities of three months or less, when purchased.

G. SHORT-TERM BANK DEPOSITS AND RESTRICTED DEPOSITS

Short-term bank deposits are deposits with original maturities of more than three months but less than one year. The short-term bank deposits are presented at their cost, which approximates fair value. As of December 31, 2018, The Company was required to maintain \$15,420 of restricted deposits related to certain collateral requirements for obligations.

H. AVAILABLE-FOR-SALE MARKETABLE SECURITIES

The Company accounts for its investments in debt securities, and marketable equity securities of entities in which it does not have significant influence, in accordance with ASC 320, "Investments - Debt and Equity Securities". The Company classifies all debt securities and marketable equity securities as "available-for-sale". All of the Company's investments in available-for-sale securities are reported at fair value. Unrealized gains and losses are comprised of the difference between fair value and the cost of such securities and are recognized, net of tax, in accumulated other comprehensive income ("OCI").

The amortized cost of debt securities reflects amortization of premiums and accretion of discounts to maturity. Such amortization and accretion together with interest and dividends on securities are included in "financial expenses, net".

The Company recognizes an impairment charge when a decline in the fair value of its investments in debt securities below the amortized cost basis of such securities is judged to be other-than-temporary impairment ("OTTI"). Factors considered in making such a determination include the duration and severity of the impairment, the reason for the decline in value, the potential recovery period, if the entity has the intent to sell the debt security or if it is more likely than not that it will be required to sell the debt security before recovery of its amortized cost basis. However, if an entity does not expect to sell a debt security, it will still need to evaluate expected cash flows to be received and determine if a credit loss exists. In the event of a credit loss, only the amount of impairment associated with the credit loss is recognized in earnings. Amounts relating to factors other than credit losses are recorded in OCI.

I. INVENTORIES

Inventories are stated at the lower of cost or net realizable value. Inventory write-offs are provided to cover risks arising from slow-moving items or technological obsolescence for which recoverability is not probable.

Cost is determined as follows:

- Raw materials using the average or FIFO cost method.
- Work in progress:
 - Costs incurred on certain long-term contracts in progress, but for which control has not transferred to the customer, include direct labor, material, subcontractors, other direct costs and an allocation of overheads, which represent recoverable costs incurred for production, allocable operating overhead cost and, where appropriate, research and development costs (See Note 2(V)).
 - Labor overhead is generally included on the basis of updated hourly rates and is allocated to each project according to the amount of hours expended. Material overhead is generally allocated to each project based on the value of direct material that is charged to the project.

Pre-contract costs are generally expensed, but can be deferred and included in inventory only when such costs can be directly associated with a specific anticipated contract and if their recoverability from the specific anticipated contract is probable according to the guidelines of ASC 606.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)**Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)****J. INVESTMENT IN AFFILIATED COMPANIES, PARTNERSHIPS AND OTHER COMPANIES**

Investments in affiliated companies and partnerships that are not controlled but over which the Company can exercise significant influence (generally, entities in which the Company holds approximately between 20% to 50% of the voting rights of the investee) are presented using the equity method of accounting. Profits on inter-company sales, not realized outside the Company, are eliminated. The Company discontinues applying the equity method when its investment (including advances and loans) is reduced to zero and the Company has not guaranteed obligations of the affiliate or otherwise committed to provide further financial support to the affiliate.

For certain investments, the Company elected to measure the investments at fair value. Such elections are irrevocable. Under the fair value method, investments are recorded at fair value and any changes in fair value are reported in the consolidated statements of operations. All costs (other than purchase price) directly associated with the acquisition of an investment to be accounted for using the fair value method are expensed as incurred.

Investments in preferred shares, which do not result in significant influence and without readily determinable fair value, are measured at cost, less impairments, plus or minus observable price changes. Equity investments without readily determinable fair value are assessed for impairment periodically.

A change in the Company's proportionate share of an investee's equity, resulting from issuance of common or in-substance common stock by the investee to third parties, is recorded as a gain or loss in the consolidated income statements in accordance with ASC 323-10-40-1.

J. INVESTMENT IN AFFILIATED COMPANIES, PARTNERSHIPS AND OTHER COMPANIES (Cont.)

For investments in non-marketable equity securities without readily determinable fair values where the Company does not have control or the ability to exercise significant influence over the operation and financial policies of the issuer of the securities, the Company has elected to measure these investments at cost minus impairment, if any, plus or minus changes resulting from observable price changes in orderly transactions for the identical or similar investment in the same issuer. This election is made for each investment separately and is reassessed at each reporting period as to whether the investment continues to qualify for this election. Additionally, at each reporting period, the Company makes a qualitative assessment considering impairment indicators to evaluate whether the investment is impaired.

Management evaluates investments in affiliated companies, partnerships and other non-marketable equity securities for evidence of other-than-temporary declines in value. Such evaluation is dependent on the specific facts and circumstances. Accordingly, in determining whether other-than-temporary declines exist, management evaluates various indicators for other-than-temporary declines and evaluates financial information (e.g, budgets, business plans, financial statements, etc.). During 2019 the Company recorded impairment of approximately \$3,700 for one of its affiliated companies, during 2018 the Company recorded impairment of approximately \$17,500 for three of its affiliated companies and during 2017 no material impairment was recognized.

K. VARIABLE INTEREST ENTITIES

ASC 810-10, "Consolidation", provides a framework for identifying variable interest entities ("VIEs") and determining when a company should include the assets, liabilities, non-controlling interests and results of activities of a VIE in its consolidated financial statements. According to ASC 810-10, the Company consolidates a VIE when it has both (1) the power to direct the economically significant activities of the entity and (2) the obligation to absorb losses of, or the right to receive benefits from, the entity that could potentially be significant to the VIE. The determination of whether the Company should consolidate a VIE is evaluated continuously as existing relationships change or future transactions occur.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)**K. VARIABLE INTEREST ENTITIES (Cont.)**

The Company's assessment of whether an entity is a VIE and the determination of the primary beneficiary is judgmental in nature and involves the use of significant estimates and assumptions. Those include, among others, forecasted cash flows, their respective probabilities and the economic value of certain preference rights. In addition, such assessment also involves estimates of whether an entity can finance its current activities, until it reaches profitability, without additional subordinated financial support.

Also according to ASC 810, a non-controlling interest in a subsidiary is an ownership interest in the consolidated entity that should be reported as a separate component of equity in the consolidated financial statements. As such, changes in the parent's ownership interest with no change of control are treated as equity transactions, rather than acquisitions achieved in stages or dilution gains or losses. Losses of partially-owned consolidated subsidiaries will continue to be allocated to the non-controlling interests even when the investment in the subsidiary was already reduced to zero.

A 51%-held subsidiary in the U.K. (the "UK Subsidiary") is considered to be a VIE. As Elbit Systems is the primary beneficiary and has both the power to direct its activities and absorb the majority of its losses or the right to the majority of its earnings based upon holding the 51% economic interest, the UK Subsidiary is consolidated in the Company's financial statements.

The Company holds 50% of the contractual rights in, and is the primary beneficiary of, an Israeli limited partnership, which is considered to be a VIE and is consolidated in the Company's financial statements.

L. LONG-TERM RECEIVABLES

Long-term trade, unbilled (contract assets) and other receivables, with payment terms in excess of one year that are considered collectible, are recorded at their estimated present values (determined based on the market interest rates at the date of initial recognition).

M. LONG-TERM BANK DEPOSITS

Long-term bank deposits are deposits with maturities of more than one year. These deposits are presented at cost and earn interest at market rates. Accumulated interest to be received over the next year is recorded as a current asset. The deposits and accumulated interest approximate fair value.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)**N. PROPERTY, PLANT AND EQUIPMENT**

Property, plant and equipment are stated at cost, net of accumulated depreciation and investment grants. For equipment produced for the Company's own use, cost includes materials, labor and overhead (including interest costs, when applicable) but not in excess of the fair value of the equipment.

Depreciation is calculated by the straight-line method over the estimated useful life of the assets at the following annual rates:

	%
Buildings and leasehold improvements (*)	2-25
Instruments, machinery and equipment	5-33
Office furniture and other	7-33
Motor vehicles	6-20 (Mainly 15%)

(*) Leasehold improvements are amortized generally over the term of the lease or the useful life of the assets, whichever is shorter.

The Company capitalizes direct costs (internal and external) of materials and services used in the development and purchase of internal-use software. Amounts capitalized are amortized on a straight-line basis over a period of 3 to 12 years and are reported as a component of property and equipment.

The Company is in the process of developing and implementing a new Enterprise Resource Planning ("ERP") system. Certain costs incurred during the application development stage have been capitalized in accordance with authoritative accounting guidance related to accounting for the cost of computer software developed or obtained for internal use. The net book value of capitalized costs for this new ERP system was approximately \$47,957 and \$32,453 as of December 31, 2019 and 2018, respectively. These costs will be amortized over the system's estimated useful life as the ERP system is placed in service.

O. OTHER INTANGIBLE ASSETS

Other identifiable intangible assets mainly consist of purchased technology, customer relations and trademarks. These intangible assets are stated at cost, net of accumulated amortization and impairments, and are amortized over their useful life using the straight-line method or the accelerated method, whichever better reflects the applicable expected utilization pattern.

P. IMPAIRMENT OF LONG-LIVED ASSETS

The Company's long-lived assets and finite-lived intangible assets are reviewed for impairment in accordance with ASC 360-10-35 "Property, Plant and Equipment – Subsequent Measurement", whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable.

Recoverability of assets (or assets group) to be held and used is determined by a comparison of the carrying amount of an asset to the future undiscounted cash flows expected to be generated by the asset. If the carrying amount is higher, an asset is deemed to be impaired and the impairment to be recognized is measured by the amount by which the carrying amount of the asset exceeds its fair value. For the year ended December 31, 2019, no impairment was recognized. For the year ended December 31, 2018, the Company recognized an impairment of approximately \$5,520 (see Note 1C(4)) and for the year ended December 31, 2017, no impairment was identified.

As required by ASC 820, "Fair Value Measurements", the Company applies assumptions that marketplace participants would consider in determining the fair value of long-lived assets (or asset groups).

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)**Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)****Q. GOODWILL IMPAIRMENT**

Goodwill is subject to an impairment test at the reporting unit level on an annual basis (or more frequently if impairment indicators arise).

The Company identified several reporting units based on the guidance of ASC 350, “Intangibles – Goodwill and Other”.

ASC 350 prescribes a two-phase process for impairment testing of goodwill. The first phase screens for impairment, while the second phase (if necessary) measures impairment.

Goodwill impairment is deemed to exist if the net book value of a reporting unit exceeds its estimated fair value. In such case, the second phase is then performed, and the Company measures impairment by comparing the carrying amount of the reporting unit’s goodwill to the implied fair value of that goodwill. An impairment loss is recognized in an amount equal to the excess. For each of the three years in the period ended December 31, 2019, no impairment was identified.

As required by ASC 820, “Fair Value Measurement”, the Company applies assumptions that market place participants would consider in determining the fair value of each reporting unit.

R. SEVERANCE PAY

Elbit Systems’ and its Israeli subsidiaries’ obligations for severance pay are calculated pursuant to Israel’s Severance Pay Law, based on the most recent salary of the employees multiplied by the number of years of employment as of the balance sheet date and are presented on an undiscounted basis (the “Shut Down Method”). Subject to certain conditions, employees are entitled to one month’s salary for each year of employment or a portion thereof. The obligation is funded by monthly deposits through insurance policies and by an accrual. The value of these policies is recorded as an asset on the Company’s balance sheet. The deposited funds may be withdrawn only upon the fulfillment of the obligation, pursuant to the Severance Pay Law or labor agreements. The value of the deposited funds is based on the cash surrender value of these policies and includes profits (or losses) accumulated to the balance sheet date.

Elbit Systems and its Israeli subsidiaries have entered into an agreement with some of its employees implementing Section 14 of the Severance Pay Law and the General Approval of the Labor Minister dated June 30, 1998, issued in accordance with such Section 14. The agreement mandates that upon termination of such employees’ employment, all the amounts accrued in their insurance policies will be released to them. The severance pay liabilities and deposits covered by these plans are not reflected in the balance sheet, as the severance pay risks have been irrevocably transferred to the severance funds.

Severance pay expenses for the years ended December 31, 2019, 2018 and 2017, amounted to approximately \$59,943, \$56,515 and \$62,777, respectively.

S. PENSION AND OTHER POSTRETIREMENT BENEFITS

The Company accounts for its obligations for pension and other post-retirement benefits in accordance with ASC 715, “Compensation – Retirement Benefits”. The Company reports the service cost component of net retirement benefit cost separately from the other components of net retirement benefit cost in the Consolidated Statement of Income (see Note 17).

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)**Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)****T. REVENUE RECOGNITION**

The Company generates revenues primarily from fixed-price long-term contracts involving the design, development, manufacture and integration of defense systems and products. To a lesser extent, the Company generates revenues from short-term contracts or support and services which could be either fixed-price or cost-reimbursement contracts.

Revenues from our contracts are recognized using the five-step model in ASC 606, "Revenue from Contracts with Customers". At first, the Company determines if an agreement with a customer is considered a contract to the extent it has a commercial substance, it is approved in writing by both parties, all rights and obligations including payment terms are identifiable, the agreement between the parties creates enforceable rights and obligations, and collectability in exchange for goods and services that will be transferred to the customer is considered probable. The Company then assesses the transaction price for a contract in order to determine the consideration the Company expects to receive for satisfying the performance obligations called for in the contract. The Company assesses the timing of transfer of goods and services to the customer as compared to the timing of payments, to determine whether a significant financing component exists. As a practical expedient, the Company does not assess the existence of a significant financing component when the difference between payment and transfer of control is less than one year. To the extent the transaction price includes variable consideration (e.g., contract penalties, economic price adjustments, unpriced change orders or like measures), the Company usually estimates the most likely amount that should be included in the transaction price subject to constraints based on the specific facts and circumstances.

At the inception of a contract, the Company also evaluates the products and services promised by it in order to determine if the contract should be separated into more than one performance obligation. The products and services in the Company's contracts are often not distinct from one another due to a customer defined interrelated operational performance requirement, a highly complex interrelated and integrated system or solutions design and significant contract management requirements. To a lesser extent, such performance obligations could be for performance of services, or other distinct performance obligations such as indirect buy-back transactions (see Note 21B), which may be distinct and separated into a performance obligation. Following the determination of the performance obligations in the contract, the Company allocates the total transaction price to each performance obligation in an amount based on the estimated relative standalone selling prices of the promised goods or services underlying each performance obligation.

Standalone selling price is the price at which the Company would sell a promised good or service separately to a customer. Standalone selling prices for the Company's products and services are generally not observable, and consequently the Company would use the "Expected Cost plus a Margin" approach to determine a standalone selling price. Expected costs are typically derived from our performance cost forecast information.

The Company recognizes revenues for each of the identified performance obligations when its customer obtains control of the products or services. The assessment of when the customer obtains control involves significant judgments, which consider, among other things, whether there is an alternative use for a product, the contract terms, assessment of the enforceable rights for payments and technical or contractual constraints. As a practical expedient we may occasionally account for a group of performance obligations or contracts collectively, as opposed to individually by using the "portfolio approach". Under the "portfolio approach" practical expedient, the Company may combine individual performance obligations, if the goods or services of the individual performance obligations have similar characteristics and the Company reasonably expects that the effect on the financial statements of applying this practical expedient would not differ materially from applying the expedient to the individual contracts or performance obligations within that portfolio.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)**Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)****T. REVENUE RECOGNITION (Cont.)**

For most of the Company's long-term contracts, where the Company's performance does not create an asset with an alternative use, the Company recognizes revenue over time as it performs because of continuous transfer of control to the customer. For Israeli, U.S. and some other government contracts, this continuous transfer of control to the customer is supported by clauses in the contract that allow the customer to unilaterally terminate the contract for convenience, pay the Company for costs incurred plus a reasonable profit and take control of any work-in-process. Similarly, for other government contracts, the customer typically controls the work-in-process as evidenced either by contractual termination for convenience clauses or by the Company's rights to payment for work performed to date plus a reasonable profit for products or services that do not have an alternative use to the Company.

For these performance obligations that are satisfied over time, the Company generally recognizes revenue using an input method with revenue amounts being recognized proportionately as costs are incurred relative to the total expected costs to satisfy the performance obligation. The Company believes that costs incurred as a portion of total estimated costs is an appropriate measure of progress towards satisfaction of the performance obligation since this measure reasonably depicts the progress of the work effort. Revenue for performance obligations that are not recognized over time are recognized at the point in time when control transfers to the customer (which is generally upon delivery and acceptance). For performance obligations that are satisfied at a point in time, the Company evaluates the point in time when the customer can direct the use of, and obtain the benefits from, the products and services. Shipping and handling costs are not considered performance obligations and are included in cost of sales as incurred.

Service revenues include contracts primarily for the provision of supplies and services other than those associated with design, development or manufacturing or delivery of products. It may be a standalone service contract or a service performance obligation, which is distinct from a contract or performance obligation for the design, development or delivery of products. Our service contracts include contracts in which the customer simultaneously receives and consumes the benefits provided as the performance obligations are satisfied. Our service contracts primarily include operation-type contracts, outsourcing-type arrangements, maintenance contracts, training and similar activities. Revenue from service contracts or performance obligations were less than 10% of total revenues in each of the years ended December 31, 2019, 2018 and 2017.

Accounting for long-term contracts involves the use of various techniques to estimate total contract revenue and performance costs. For long-term contracts, the Company estimates the profit on a contract as the difference between the total estimated transaction price and the total expected performance costs of the contract and recognizes revenue and costs over the life of the contract. Changes to performance cost estimates under a contract may occur in a situation where: (a) identified contract risks cannot be resolved within the cost estimates included in a contract's estimated costs at completion ("EAC"); or (b) new or unforeseen risks or changes in the performance cost estimates must be incorporated into the contract's EAC. The nature of the Company's numerous contracts is such that refinements of the estimated performance costs or revenues for a project may occur for various reasons, including: contract change orders, option exercise, changes in labor costs, change in subcontractors and other procurement costs, efficiency variances, customer specifications and testing requirement, economic price adjustments, significant technical and development matters encountered during performance and provision for loss. Changes to performance cost or revenues estimates on contracts are considered in estimating sales and profit margins and are recorded when they are probable and reasonably determinable by management. Changes in estimated revenues and/or estimated project costs which are related to an existing performance obligation, and that are not distinct from those goods and services already provided, and therefore form part of single performance obligation, are recorded in the period the change is reasonably determinable, with the full amount of the inception-to-date effect of such changes recorded in such period on a "cumulative catch-up" basis. For contracts that are deemed to be loss contracts, the Company establishes forward loss reserves for total estimated costs that are in excess of total estimated consideration under a contract in the period in which they become probable. If any of the above factors were to change, or if different assumptions were used in estimating progress cost and measuring progress towards completion, it is possible that materially different amounts would be reported in the Company's consolidated financial statements.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)

T. REVENUE RECOGNITION (Cont.)

Management periodically reviews the estimates of progress towards completion and contract costs. These estimates are determined, based on engineering estimates and past experience, by personnel having the appropriate authority and expertise to make reasonable estimates of the related costs. Such engineering estimates are reviewed for each specific contract by professional personnel from various disciplines within the organization. These estimates take into consideration the probability of achievement of certain milestones, as well as other factors that might impact the contract's completion and projected cost.

The aggregate cumulative catch-up adjustment in EAC estimates on significant contracts had the following favorable/ (unfavorable) impact on the Company's operating results:

	Year ended December 31,		
	2019	2018	2017
Cost of revenue, net	\$ 4,600	\$ 32,200	\$ 42,700
Percentage of cost of revenue ^(*)	0.14%	1.19%	1.79%
Net income	\$ 4,200	\$ 28,600	\$ 34,400
Diluted earning per share	\$ 0.10	\$ 0.67	\$ 0.80

(*) Percentage of cost of revenue during 2019 and 2018 is excluding non-recurring acquisition related expenses recorded in cost of revenues. (See Note 1C(1) and 1C(5)).

In addition, the net impacts of these EAC adjustments on revenue recognized from the Company's performance obligations were approximately \$27,040 and \$ 47,520 for the years ended December 31, 2019 and 2018, respectively.

Disaggregation of revenue:

Revenue by products and services was as follows:

	Year ended December 31,	
	2019	2018
Revenue from sale of products	\$ 4,146,618	\$ 3,352,602
Service revenue	361,782	331,082
	<u>\$ 4,508,400</u>	<u>\$ 3,683,684</u>

Revenue by transfer type was as follows:

	Year ended December 31,	
	2019	2018
Over time	\$ 3,432,511	\$ 3,037,223
Point in time	1,075,889	646,461
	<u>\$ 4,508,400</u>	<u>\$ 3,683,684</u>

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)

T. REVENUE RECOGNITION (Cont.)

Revenue by customers was as follows:

	Year ended December 31,	
	2019	2018
Israel Government Authorities ^(1,2)	\$ 1,134,703	\$ 685,680
US Government ⁽²⁾	800,345	635,150
Other Governments	2,121,164	2,004,947
Commercial sales and other	452,188	357,907
	<u>\$ 4,508,400</u>	<u>\$ 3,683,684</u>

(1) Including U.S. Foreign Military Financing sales

(2) Including indirect sales

See Note 23 for disaggregation of revenue by areas of operations and geographic areas.

Remaining performance obligations ("Backlog"):

Backlog represents the future revenues expected to be recognized on firm orders received by the Company and is equivalent to the Company's remaining performance obligations at the end of each period for a remaining period of more than a year. Unexercised contract options and indefinite delivery indefinite quantity ("IDIQ") contracts are not included in backlog until the time an option or specific task order is authorized, exercised or awarded.

Company backlog as of December 31, 2019 was \$10,029,300. We expect to recognize approximately 65% as revenue in 2020 and 2021, with the remainder to be recognized thereafter.

U. WARRANTY

The Company estimates the costs that may be incurred under its basic warranty. Such costs are estimated as part of the total contract's cost and are recorded as a liability at the time revenue is recognized. The specific terms and conditions of those warranties vary depending upon the product sold and the country in which the Company does business. Factors that affect the Company's warranty cost include the number of delivered products, engineering estimates and anticipated rates of warranty claims. The Company periodically assesses the adequacy of its recorded warranty cost and adjusts the amount as necessary.

Changes in the Company's provision for warranty, which is included mainly in other payables and accrued expenses in the balance sheet, are as follows:

	2019	2018
Balance, at January 1	\$ 219,695	\$ 198,226
Cumulative effect from adopting ASC 606	—	337
Warranties issued during the year	58,298	64,723
Reduction due to expired warranties or claims during the year	(98,224)	(84,593)
Deconsolidation of subsidiary	—	(369)
Additions resulting from acquisitions	1,554	41,371
Balance, at December 31	<u>\$ 181,323</u>	<u>\$ 219,695</u>

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)**V. RESEARCH AND DEVELOPMENT COSTS**

Research and development costs, net of participation grants, include costs incurred for independent research and development and bid and proposal efforts and are expensed as incurred unless the costs are related to certain contractual arrangements, which are recorded as part of cost of revenues over the period that revenue is recognized, consistent with the Company's revenue recognition accounting policy. The Company does not perform significant stand-alone research and development for others.

The Company has certain research and development contractual arrangements that meet the requirements for best efforts research and development accounting. Accordingly, the amounts funded by the customer are recognized as an offset to its research and development expenses rather than as contract revenues.

Elbit Systems and certain Israeli subsidiaries receive grants (mainly royalty-bearing) from the Israeli Innovation Authority of the Ministry of Economy (formerly the Office of Chief Scientist's) and from other sources for the purpose of partially funding approved research and development projects. The grants are not to be repaid, but instead Elbit Systems and certain Israeli subsidiaries are required to pay royalties as a percentage of future sales if and when sales from the funded projects are generated. These grants are recognized as a deduction from research and development costs at the time the applicable entity is entitled to such grants on the basis of the research and development costs incurred. Since the payment of royalties is not probable when the grants are received, the Company records a liability in the amount of the estimated royalties for each individual contract, when the related revenues are recognized, as part of COR. For more information regarding such royalty commitments see Note 21A. For more information regarding grants and participation received see Note 24.

W. INCOME TAXES

The Company accounts for income taxes and uncertain tax positions in accordance with ASC 740, "Income Taxes". This guidance prescribes the use of the liability method whereby deferred tax asset and liability account balances are determined based on differences between financial reporting and tax bases of assets and liabilities and are measured using the enacted tax rates and laws that will be in effect when the differences are expected to reverse. The Company provides a valuation allowance, if necessary, to reduce deferred tax assets to amounts that are more likely than not to be realized.

The Company establishes reserves for uncertain tax positions based on an evaluation of whether the tax position is "more likely than not" to be sustained upon examination. The Company records interest and penalties pertaining to its uncertain tax positions in the financial statements as income tax expense.

X. CONCENTRATION OF CREDIT RISKS

Financial instruments that potentially subject the Company to concentrations of credit risk consist principally of cash and cash equivalents, short and long-term deposits, marketable securities and trade receivables.

The majority of the Company's cash and cash equivalents and short and long-term deposits are invested with major banks, mainly in Israel and the United States. Deposits in the U.S. may be in excess of insured limits and are not insured in other jurisdictions. Management believes that the financial institutions that hold the Company's investments have a high credit rating.

The Company's marketable securities included investments in corporate debentures and Israeli Treasury Bills. The Company's investment policy limits the amount that the Company may invest in any one type of investment or issuer, thereby reducing credit risk concentrations.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)**Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)****X. CONCENTRATION OF CREDIT RISKS (Cont.)**

The Company's trade receivables are derived primarily from sales to large and stable customers and governments located mainly in Israel, the United States, Europe and Asia-Pacific. The Company performs ongoing credit evaluations of its customers and has not experienced in recent years any unexpected material losses. An allowance for doubtful accounts is recognized with respect to those amounts that the Company has determined to be doubtful of collection.

The Company entered into foreign exchange forward contracts and cross currency interest rate swaps (together "derivative instruments") intended to protect against the increase in the dollar equivalent value of forecasted non-dollar currency cash flows and interest as applicable. These derivative instruments are designed to effectively hedge the Company's non-dollar currency and interest rates exposures (see Note 2Y).

Y. DERIVATIVE FINANCIAL INSTRUMENTS

The Company accounts for derivatives and hedging based on ASC 815, "Derivatives and Hedging", which requires the Company to recognize all derivatives on the balance sheet at fair value. For derivative instruments that are designated and qualify as a cash flow hedge (i.e., hedging the exposure to variability in expected future cash flows that is attributable to a particular risk), the gain or loss on the derivative instrument is reported as a component of other comprehensive income (loss) and reclassified into earnings in the same period or periods during which the hedged transaction affects earnings. Changes in the fair values of hedge components excluded from the assessment of effectiveness are recognized immediately in net earnings under the mark-to-market approach. The classifications of gains or losses recognized on cash flow hedging instruments and excluded components within the Consolidated Statements of Income are the same as the underlying exposures.

For derivative instruments that do not meet the definition of a hedge, the changes in fair value are included immediately in earnings in "Financial expenses, net" in each reporting period (see Note 25).

As part of its hedging strategy, the Company enters into forward exchange contracts in order to protect the Company from the risk that the eventual dollar cash flows from the sale to international customers and purchase of products from international vendors will be adversely affected by changes in exchange rates.

The Company also may enter into forward exchange contracts and options strategies in order to limit the exposure to exchange rate fluctuation associated with payroll expenses mainly incurred in NIS.

In connection with the issuance of Series A Notes in 2010 and in 2012 on the Tel Aviv Stock Exchange (see Note 16), the Company entered into cross-currency interest rate swap transactions with a notional principal of the NIS 1.1 billion and NIS 0.9 billion, respectively, to effectively hedge the effect of interest and exchange rate difference from the NIS Series A Notes. The cross-currency interest rate swap instruments effectively convert the fixed interest rate of the debt to a floating interest rate. The terms of the swap agreements substantially match the terms of the debt. Under the terms of the swap agreements, the Company receives interest payments semi-annually in NIS at an annual rate of 4.84% on the notional principal and pays interest semi-annually in U.S. dollars at an annual weighted rate of six-month LIBOR plus 1.84% on the notional principal.

The swap agreements are designated as a fair value hedge. The gains and losses related to changes in the fair value of the cross-currency interest rate swap transactions are included in interest expense and substantially offset changes in the fair value of the hedged portion of the underlying hedged Series A Notes.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)**Z. STOCK-BASED COMPENSATION**

The Company accounts for share-based arrangements under ASC 718, "Compensation – Stock Compensation", which requires all share-based payments, including grants of employee stock options and grants under the Company's Phantom Bonus Retention Plan, to be recognized in the income statement based on their fair values.

The fair value based cost of employee stock options is estimated at the grant date using a lattice-based option valuation model with the following weighted average assumptions:

	2018
Dividend yield	2.2%
Expected volatility	20.9%
Risk-free interest rate	2.7%
Expected life (in years)	5.25
Forfeiture rate	0.6%
Suboptimal factor	1.75

AA. FAIR VALUE OF FINANCIAL INSTRUMENTS

The carrying amounts of cash and cash equivalents, short-term bank deposits, trade receivables, short-term bank credit and loans and trade payables approximate their fair values due to the short-term maturities of such instruments.

The fair value of long-term loans is estimated by discounting the future cash flows using current interest rates for loans of similar terms and maturities. The carrying amount of the long-term loans approximates their fair value.

As of December 31, 2019, the fair value of the Series A Notes, based on the quoted market price on the Tel-Aviv Stock Exchange, was approximately \$62,155.

The Company accounts for certain assets and liabilities at fair value under ASC 820, "Fair Value Measurement". Fair value is an exit price, representing the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants. As such, fair value is a market-based measurement that should be determined based on assumptions that market participants would use in pricing an asset or a liability.

The hierarchy below lists three levels of fair value based on the extent to which inputs used in measuring fair value are observable in the market. The Company categorizes each of its fair value measurements in one of these three levels based on the lowest level input that is significant to the fair value measurement in its entirety.

The three levels of inputs that may be used to measure fair value are as follows:

Level 1 - Observable inputs that reflect quoted prices (unadjusted) for identical assets or liabilities in active markets;

Level 2 - Includes other inputs that are directly or indirectly observable in the marketplace, other than quoted prices included in Level 1, such as quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets with insufficient volume or infrequent transactions or other inputs that are observable (model-derived valuations in which significant inputs are observable), or can be derived principally from or corroborated by observable market data; and

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)

AA. FAIR VALUE OF FINANCIAL INSTRUMENTS (Cont.)

Level 3 - Unobservable inputs that are supported by little or no market activity.

The availability of observable inputs can vary from instrument to instrument and is affected by a wide variety of factors, including, for example, the type of instrument, the liquidity of markets and other characteristics particular to the transaction. To the extent that valuation is based on models or inputs that are less observable or unobservable in the market, the determination of fair value requires more judgment and the instruments are categorized as Level 3.

Under FASB ASC 825-10, the Company may elect to report certain other items at fair value on an instrument-by-instrument basis with changes in fair value reported in net income. After the initial adoption, the election is made at the time an eligible financial asset or financial liability or firm commitment is acquired or incurred, as applicable, or when certain specified reconsideration events occur. The fair value election, with respect to an item, may not be revoked once an election is made.

The Company has elected to account for certain investments that would otherwise be accounted for under the equity method using the fair value method (see Note 6). For these investments the Company will also measure any guarantee at fair value, with changes in fair value reported through earnings. Such investments are categorized as level 3.

The Company's cross-currency interest rate swaps are valued under an income approach using industry-standard models that consider various assumptions, including time value, volatility factors, current market and contractual prices for the underlying and counterparty non-performance risk. Substantially all of these assumptions are observable in the marketplace throughout the full term of the instruments, and can be derived from observable data or are supported by observable levels at which transactions are executed in the marketplace. Accordingly, such instruments are categorized as Level 2.

The Company measures its marketable equity securities, debt securities and foreign currency derivative instruments at fair value. Government debt securities are classified as Level 1. The Company's corporate debt marketable securities trade in markets that are not considered to be active, but are valued based on quoted market prices, broker or dealer quotations or alternative pricing sources with reasonable levels of price transparency and accordingly are categorized as Level 2.

The Company's foreign currency derivative instruments are classified as Level 2 because valuation inputs are based on quoted prices and market observable data of similar instruments.

Investments elected to be accounted for using the fair value method classified under Level 3, evaluated by applying relevant methods as the market approach with the use of an option pricing method or the earning approach using discounted future cash flows.

Contingent purchase obligation accounted under Level 3 are accounted for under the discounted cash flows method.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)

AA. FAIR VALUE OF FINANCIAL INSTRUMENTS (Cont.)

Assets and liabilities measured at fair value on a recurring basis are summarized below:

	Fair value measurement at December 31, 2019 using		
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Description of Assets			
Foreign currency derivatives and option contracts	\$ —	\$ 23,886	\$ —
Cross-currency interest rate swap	—	6,183	—
Premises evacuation	—	—	30,867
Investments elected to be accounted for using the fair value method	—	—	51,415
Liabilities			
Contingent purchase obligation	—	—	(147,086)
Foreign currency derivative and option contracts	—	(8,326)	—
Total	\$ —	\$ 21,743	\$ (64,804)
	Fair value measurement at December 31, 2018 using		
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Description of Assets			
Foreign currency derivatives and option contracts	\$ —	\$ 22,549	\$ —
Cross-currency interest rate swap	—	4,378	—
Investments elected to be accounted for using the fair value method	—	—	46,858
Liabilities			
Contingent purchase obligation	—	—	(136,984)
Foreign currency derivative and option contracts	—	(23,936)	—
Total	\$ —	\$ 2,991	\$ (90,126)

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)**AB. TRANSFERS OF FINANCIAL ASSETS**

ASC 860, "Transfers and Servicing", establishes a standard for determining when a transfer of financial assets should be accounted for as a sale. The Company's arrangements are such that the underlying conditions are met for transfers of financial assets to qualify for accounting as a true sale. Transfers of financial assets typically consist of the factoring of receivables to Israeli and European financial institutions. The Company sold rights to receive payments from customers in a total amount of \$63,259 and \$185,727 during the years 2019 and 2018, respectively. Financial expenses related to the sold rights were \$2,200 and \$3,400 for the years ended December 31, 2019 and 2018, respectively. Also, during 2019, the Company sold the premises evacuation receivable in the amount of \$362,381 (see Note 1C(5)). Control and risk of these rights were fully transferred in accordance with ASC 860.

The Company's agreement pursuant to which the Company sells its trade receivables is structured such that the Company (i) transfers the proprietary rights in the receivable from the Company to the financial institution, (ii) legally isolates the receivable from the Company's other assets, and presumptively puts the receivable beyond the lawful reach of the Company and its creditors, even in bankruptcy or other receivership, (iii) confers on the financial institution the right to further pledge or exchange the receivable and (iv) eliminates the Company's effective control over the receivable, in the sense that the Company is not entitled and will not be obligated to repurchase the receivable other than in case of failure by the Company to fulfill its commercial obligation under the contract giving rise to the receivable.

AC. BASIC AND DILUTED NET EARNINGS PER SHARE

Basic earnings per share are computed based on the weighted average number of outstanding ordinary shares during each year. Diluted earnings per share are computed based on the weighted average number of outstanding ordinary shares during each year, plus dilutive potential ordinary shares outstanding during the year. Outstanding stock options are excluded from the calculation of the diluted earnings per share when their effect is anti-dilutive.

The weighted average number of shares related to outstanding anti-dilutive stock options excluded from the calculations of diluted net earnings per share was not material in each of the three years ended December 31, 2019.

AD. TREASURY SHARES

Elbit Systems' shares held by the Company are recognized at cost and presented as a reduction of shareholders' equity.

AE. RECENTLY ADOPTED ACCOUNTING PRONOUNCEMENTS

- (1) In August 2017, the Financial Accounting Standards Board ("FASB") issued ASU 2017-12, "Derivatives and Hedging (Topic 815): Targeted Improvements to Accounting for Hedging Activities", amending the eligibility criteria for hedged items and transactions to expand an entity's ability to hedge non-financial and financial risk components. The new guidance eliminates the requirement to separately measure and present hedge ineffectiveness and aligns the presentation of hedge gains and losses with the underlying hedge item. The new guidance also simplifies the hedge documentation and hedge effectiveness assessment requirements. The amended presentation and disclosure requirements must be adopted on a prospective basis, while any amendments to cash flow and net investment hedge relationships that exist on the date of adoption must be applied on a "modified retrospective" basis, meaning a cumulative effect adjustment to the opening balance of retained earnings as of the beginning of the year of adoption. The new guidance was effective for the Company on January 1, 2019, and the adoption did not have a material impact on the Company's consolidated financial statements.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)**Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)**

AE. RECENTLY ADOPTED ACCOUNTING PRONOUNCEMENTS (Cont.)

- (2) In February 2016, the FASB issued ASU No. 2016-02, "Leases" (Topic 842), which requires lessees to recognize assets and liabilities for leases with lease terms of more than 12 months. Consistent with current GAAP, the recognition, measurement, and presentation of expenses and cash flows arising from a lease by a lessee primarily depends on its classification as a finance or operating lease. However, unlike previous GAAP, which required only capital leases to be recognized on the balance sheet, the new guidance required both types of leases to be recognized on the balance sheet. The ASU is effective for interim and annual periods beginning after December 15, 2018, with early adoption permitted. A modified retrospective transition approach is required in applying the new standard to all leases existing at the date of initial application. An entity may choose to use either (1) its effective date or (2) the beginning of the earliest comparative period presented in the financial statements as its date of initial application. If an entity chooses the second option, the entity must recast its comparative period financial statements and provide disclosures required by the new standard for the comparative periods.

The Company adopted the new standard on January 1, 2019, using the effective date as its date of initial application. Consequently, financial information will not be updated and disclosures required under the new standard will not be provided for dates and periods before January 1, 2019 (see Note 9).

- (3) In June 2018, the FASB issued ASU No. 2018-07, "Compensation - Stock Compensation (Topic 718) - Improvements to Nonemployee Share-Based Payment Accounting", to simplify the accounting for non-employee share-based payment transactions by expanding the scope of ASC Topic 718, Compensation - Stock Compensation, to include share-based payment transactions for acquiring goods and services from non-employees. Under the new standard, most of the guidance on stock compensation payments to non-employees would be aligned with the requirements for share-based payments granted to employees. This standard is effective for annual reporting periods beginning after December 15, 2018, including interim reporting periods within those annual reporting periods, with early adoption permitted. The adoption of this standard did not have a material impact on the Company's consolidated financial statements.
- (4) In February 2018, the FASB issued ASU 2018-02, "Income Statement - Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income", which allows for the elimination of the stranded income tax effects resulting from the enactment of the Tax Cuts and Jobs Act through a reclassification from accumulated other comprehensive income to retained earnings. The standard is effective for fiscal years beginning after December 15, 2018. Early adoption is permitted. The adoption of this guidance did not have a significant impact on the Company's financial statements.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)**Note 2 - SIGNIFICANT ACCOUNTING POLICIES (Cont.)**

AF. RECENT ACCOUNTING PRONOUNCEMENTS

- (1) In January 2017, the FASB issued ASU 2017-04, "Intangibles-Goodwill and Other (Topic 350): Simplifying the Test for Goodwill Impairment". ASU 2017-04 eliminates step two of the goodwill impairment test and specifies that goodwill impairment should be measured by comparing the fair value of a reporting unit with its carrying amount. Additionally, the amount of goodwill allocated to each reporting unit with a zero or negative carrying amount of net assets should be disclosed. ASU 2017-04 is effective for annual or interim goodwill impairment tests performed in fiscal years beginning after December 15, 2019, and early adoption is permitted. The Company does not expect this ASU to have a material effect on its consolidated financial statements.
- (2) In June 2016, the FASB issued ASU 2016-13, "Financial Instruments-Credit Losses (Topic 326) - Measurement of Credit Losses on Financial Instruments". This guidance replaces the current incurred loss impairment methodology. Under the new guidance, on initial recognition and at each reporting period, an entity is required to recognize an allowance that reflects its current estimate of credit losses expected to be incurred over the life of the financial instrument based on historical experience, current conditions and reasonable and supportable forecasts. In November 2018, the FASB issued ASU 2018-19, "Codification Improvements to Topic 326, Financial Instruments - Credit Losses". The guidance will be effective beginning on January 1, 2020, including interim periods within that year and requires a modified retrospective transition approach through a cumulative-effect adjustment to retained earnings as of the beginning of the period of adoption. Under the modified retrospective method of adoption, prior year reported results are not restated. The Company has analyzed the impact of its financial instruments that are within the scope of this guidance, primarily trade and unbilled receivables and contract assets, net and expects that the cumulative adjustment to retained earnings will be immaterial on its consolidated financial statements.

AG. RECLASSIFICATIONS

Certain financial statement data for prior years has been reclassified to conform to current year financial statement presentation.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 3 - TRADE AND UNBILLED RECEIVABLES AND CONTRACT ASSETS, NET

The following table presents the components of trade receivables and contract assets, net as of December 31, 2019 and 2018:

	December 31,	
	2019	2018
Trade and unbilled receivables ⁽¹⁾	\$ 1,030,372	\$ 968,064
Contract assets ⁽²⁾	1,048,031	756,159
Less – allowance for doubtful accounts	(10,557)	(11,308)
	<u>\$ 2,067,846</u>	<u>\$ 1,712,915</u>

(1) Trade and unbilled receivables balances represents amounts for which the Company's right for consideration is unconditional. The balance also includes receivables from affiliated companies in the amounts of \$78,115 and \$97,588, as of December 31, 2019 and 2018, respectively.

(2) Contract assets (unbilled receivables) include unbilled amounts typically resulting from sales under contracts for which over-time method of revenue recognition is utilized, and revenue recognized exceeds the amount billed to the customer. Contract liabilities include advance payments and billings in excess of revenue recognized.

Short and long-term trade receivables and contract assets include amounts related to contracts with the Israeli Ministry of Defense ("IMOD") in the aggregate amounts of \$710,708 and \$576,756, as of December 31, 2019 and 2018, respectively.

Trade receivables and contract assets are expected to be billed and collected during 2020. As for long-term trade and unbilled receivables – see Note 7.

There were no significant impairment losses related to our contract assets during the year ended December 31, 2019.

Note 4 - OTHER RECEIVABLES AND PREPAID EXPENSES

The following table presents the components of other receivables and prepaid expenses as of December 31, 2019 and 2018.

	December 31,	
	2019	2018
Prepaid expenses	\$ 45,545	\$ 66,137
Government institutions	62,398	80,928
Derivative instruments	23,886	22,549
Cross-currency interest rate swap	6,183	1,543
Right to use land and buildings	5,602	6,183
Other	17,114	21,808
	<u>\$ 160,728</u>	<u>\$ 199,148</u>

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 5 - INVENTORIES

The following table presents the components of other inventories, net of customer advances as of December 31, 2019 and 2018.

	December 31,	
	2019	2018
Cost incurred on long-term contracts in progress ^(*)	\$ 631,513	\$ 620,350
Raw materials	516,385	455,517
Advances to suppliers and subcontractors	106,142	87,788
	<u>1,254,040</u>	<u>1,163,655</u>
Less -		
Provision for losses on long-term contracts	34,120	21,659
	<u>\$ 1,219,920</u>	<u>\$ 1,141,996</u>

- (*) Costs incurred to fulfill a contract in advance of the contract being awarded are included in inventories as work-in-process if the Company determines that those costs relate directly to a contract or to an anticipated contract that can be specifically identified and contract award is probable, the costs generate or enhance resources that will be used in satisfying performance obligations, and the costs are recoverable (referred to as pre-contract costs). Pre-contract costs that are initially capitalized in inventory are generally recognized as cost of revenues consistent with the transfer of control of the products and services to the customer. All other pre-contract costs, including start-up costs, are expensed as incurred. As of December 31, 2019 and 2018, \$221,592 and \$108,627 of pre-contract costs were included in inventory, respectively.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 6 - INVESTMENTS IN AFFILIATED COMPANIES, PARTNERSHIPS AND OTHER COMPANIES

A. INVESTMENTS IN AFFILIATED COMPANIES:

	December 31,	
	2019	2018
Companies accounted for under the equity method ⁽¹⁾	\$ 141,594	\$ 144,435
Companies accounted for under the fair value method ⁽²⁾	51,415	46,858
Companies accounted for at cost ⁽³⁾	8,565	4,887
	<u>\$ 201,574</u>	<u>\$ 196,180</u>

(1) See Note 6B.

(2) See Note 6C.

(3) Companies accounted at cost presented less impairments. During 2019, the Company invested \$5,000 in a company in Israel.

B. INVESTMENTS IN COMPANIES ACCOUNTED FOR UNDER THE EQUITY METHOD:

	December 31,	
	2019	2018
Company A ⁽¹⁾	\$ 77,298	\$ 73,001
Company B ⁽²⁾	19,314	19,631
Company C ⁽³⁾	23,940	25,259
Company D ⁽⁴⁾	5,028	8,724
Company E ⁽⁵⁾	4,800	8,266
Other	11,214	9,554
	<u>\$ 141,594</u>	<u>\$ 144,435</u>

(1) Company A is an Israeli partnership, held 50% by the Company and 50% by Rafael Advanced Defense Systems Ltd. (“Rafael”). Company A is engaged in the development and production of various thermal detectors and laser diodes. Company A is jointly controlled and therefore is not consolidated in the Company’s financial statements. During 2019 and 2018, the Company received dividends in the amount of \$4,200 and \$4,138, respectively, from Company A.

(2) Company B is an Israeli company owned 50.00001% by the Company and 49.99999% by Rafael. Company B focuses mainly on commercial applications of thermal imaging and electro-optic technologies. The Company jointly controls Company B with Rafael, and therefore Company B is not consolidated in the Company’s financial statements.

(3) Company C is a U.K. joint venture held 50% by a wholly-owned U.K. subsidiary of the Company and 50% by Kellogg Brown & Root Limited. Company C is engaged in the area of flight training systems. During 2019, the Company received a dividend in the amount of \$6,100 from Company C.

(4) Company D is a European company held 33% by the Company. Company D is engaged in the area of composite aerospace parts manufacturing for commercial aircraft.

(5) Company E is an Israeli company held 77% by the Company, and is engaged in developing energy solutions for civilian transportation applications. During 2017, an investor invested €2,500 (approximately \$2,800) in exchange for an additional 3% ownership in Company E. During 2018, due to a revaluation prepared by an independent advisor, the Company recorded an impairment of its investment in Company E in the amount of \$9,737.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 6 - INVESTMENTS IN AFFILIATED COMPANIES, PARTNERSHIPS AND OTHER COMPANIES (Cont.)

B. INVESTMENTS IN COMPANIES ACCOUNTED FOR UNDER THE EQUITY METHOD (Cont.):

Equity in net earnings (losses) of affiliated companies and partnerships is as follows:

	Year ended December 31,		
	2019	2018	2017
Company A	\$ 8,497	\$ 11,340	\$ 9,579
Company B	(317)	(2,077)	1,734
Company C	3,840	10,102	6,427
Company D	(3,696)	(6,275)	(4,129)
Company E	(3,466)	(9,737)	—
Other	(3,084)	(5,575)	(2,250)
	<u>\$ 1,774</u>	<u>\$ (2,222)</u>	<u>\$ 11,361</u>

The summarized aggregate financial information of companies accounted for under the equity method is as follows:

Balance Sheet Information:

	December 31,	
	2019	2018
Current assets	\$ 505,502	\$ 392,144
Non-current assets	146,975	131,636
Total assets	<u>\$ 652,477</u>	<u>\$ 523,780</u>
Current liabilities	\$ 151,353	\$ 139,183
Non-current liabilities	259,404	145,501
Shareholders' equity	241,720	239,096
Total liabilities and equity	<u>\$ 652,477</u>	<u>\$ 523,780</u>

Income Statement Information:

	Year ended December 31,		
	2019	2018	2017
Revenues	\$ 366,178	\$ 362,711	\$ 466,349
Gross profit	\$ 158,382	\$ 94,463	\$ 101,242
Net income	\$ 1,890	\$ 727	\$ 10,338

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 6 - INVESTMENTS IN AFFILIATED COMPANIES, PARTNERSHIPS AND OTHER COMPANIES (Cont.)

C. INVESTMENTS ACCOUNTED FOR UNDER THE FAIR VALUE METHOD:

Investments accounted for under the fair value method are evaluated by applying relevant methods as the market approach with the use of an option pricing method or the earning approach using discounted future cash flows, as follows:

	December 31,	
	2019	2018
Company F ⁽¹⁾	\$ 39,658	\$ 43,350
Company G ⁽²⁾	7,162	3,476
Company H ⁽³⁾	4,595	32
	\$ 51,415	\$ 46,858

- (1) In May 2018, Company F, the Company's then wholly-owned subsidiary, which is engaged in the field of commercial cybersecurity, issued preferred shares to third party investors in return for an investment of \$30,000, which reflected approximately 17% of the total outstanding share capital of the subsidiary. Although the Company holds more than 50% of the subsidiary's shares, it concluded that the rights of the preferred shareholders, as required by the investors, represent substantive participating rights because, in the aggregate, the rights entitle the investors to effectively participate in decisions that occur as part of the subsidiary's ordinary course of business and are significant factors in directing and carrying out the activities of the business. Based on the above mentioned factors, the Company concluded that it no longer controls the subsidiary as it does not have the unilateral power to make decisions on the subsidiary's day-to-day operations, and therefore deconsolidated the subsidiary.

During 2018, the Company's management determined the equity fair value of the formerly consolidated subsidiary and of its retained non-controlling investment in this subsidiary, by performing an equity fair value analysis, which included various factors and measures including, among others, the assistance of third-party valuation specialists, by applying the market approach with the use of an option-pricing method to evaluate the fair value of the Company retained equity class investment in the formerly consolidated subsidiary, and used this equity fair value analysis as the basis to determine the recognition of gain of approximately \$42,000 upon deconsolidation, included in "Other operating income, net".

During 2019, the Company re-evaluated its investment in Company F and decreased its value in the amount of approximately \$3,700 (see Note 26).

- (2) During 2018, the Company established Company G, based on its in-house developed visualization technology. This company is engaged in developing surgeon-centered visualization technologies. In June 2018, an international strategic investor invested \$11,500 in preferred shares in exchange for 41% of Company G's ownership interest. Although the Company holds more than 50% of the subsidiary's shares, it concluded that the rights of the preferred shareholder, as required by the investor, represent substantive participating rights because, in the aggregate, the rights entitle the investor to effectively participate in decisions that occur as part of the subsidiary's ordinary course of business and are significant factors in directing and carrying out the activities of the business. Based on the above mentioned factors, the Company concluded that it no longer controls the subsidiary as it does not have the unilateral power to make decisions on the subsidiary's day-to-day operations, and therefore deconsolidated the subsidiary.

The Company's management determined the equity fair value of the formerly consolidated subsidiary and of its retained non-controlling investment in this subsidiary, by performing an equity fair value analysis, which included various factors and measures including, among others, the assistance of third-party valuation specialists, by applying the market approach with the use of an option-pricing method to evaluate the fair value of the Company retained equity class investment in the formerly consolidated subsidiary, and used this equity fair value analysis as the basis to determine the recognition of gain of approximately \$3,500 upon deconsolidation, included in "Other operating income, net".

During 2019, the Company re-evaluated its investment in Company G and increased its value in the amount of approximately \$ 3,700 (see Note 26).

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 6 - INVESTMENTS IN AFFILIATED COMPANIES, PARTNERSHIPS AND OTHER COMPANIES (Cont.)

C. INVESTMENTS ACCOUNTED FOR UNDER THE FAIR VALUE METHOD (Cont.):

- (3) Company H is an Israeli company held 35% by the Company. During 2019, due to external investment in Company H, the Company recorded a gain of approximately \$4,600 in its fair value. During 2018, the Company estimated the fair value of its holdings in Company H and recorded an impairment of approximately \$5,100 in its fair value. (see Note 26).

Note 7 - LONG-TERM TRADE AND UNBILLED RECEIVABLES AND CONTRACT ASSETS

The following table presents the components of long-term trade and unbilled receivables and contract assets as of December 31, 2019 and 2018.

	December 31,	
	2019	2018
Trade and unbilled receivables	\$ 136,540	\$ 112,955
Contract assets ^(*)	122,610	184,190
	<u>\$ 259,150</u>	<u>\$ 297,145</u>

The majority of the long-term contract assets are expected to be billed and collected during the years 2021 - 2026. Long-term trade receivables and contract assets are mainly related to contracts with the IMOD.

(*) See Note 3.

Note 8 - LONG-TERM BANK DEPOSITS AND OTHER RECEIVABLES

The following table presents the components of long-term bank deposits and other receivables as of December 31, 2019 and 2018.

	December 31,	
	2019	2018
Prepaid expenses for land rights	\$ 15,473	\$ 19,429
Premises evacuation building input index receivable ⁽¹⁾	30,867	—
Cross-currency interest rate swap	—	2,835
Long-term receivables ⁽²⁾	1,247	11,696
Deposits with banks and other long-term receivables ⁽³⁾	10,489	9,002
	<u>\$ 58,076</u>	<u>\$ 42,962</u>

- (1) During 2019, the Company sold the premises evacuation receivable to an Israeli bank and is still entitled to receive building inputs index adjustments on the base premises evacuation receivable, which is recorded as a financial asset measured at fair value (see Note 1C(5)).
- (2) As of December 31, 2018, included related legal expenses in the amount of \$9,956 received during 2019 (see Note 21C).
- (3) Includes long-term balances of a non-qualified deferred compensation plan structured under Section 409A of the U.S. Internal Revenue Code in the amount of \$9,064 and \$7,531 as of December 31, 2019 and 2018, respectively (see Note 17).

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 9 - LEASES

On January 1, 2019, the Company adopted ASC 842 and elected the available practical expedient to recognize the cumulative effect of initially adopting ASC 842 as an adjustment to the opening balance sheet of the period of adoption (i.e., January 1, 2019). The Company also elected the other available practical expedients, and will not separate lease components from non-lease components, and will not reassess whether contracts are or contain leases, lease classification, or initial direct costs for existing leases as of January 1, 2019. Only the minimum lease payments in accordance with ASC 842 were included in the calculation of the right-of-use ("ROU") and liability for existing leases as of January 1, 2019. The consolidated balance sheets and results from operations for reporting periods beginning after January 1, 2019 are presented under ASC 842, while prior period amounts are not adjusted and continue to be reported in accordance with the historic accounting under ASC 840.

The adoption of this new standard as of January 1, 2019 materially affected the Company's consolidated balance sheets by recognizing new ROU assets and lease liabilities for operating leases in the amount of approximately \$385,332.

The Company's leases mainly include buildings for its facilities worldwide and vehicles leases, which are all classified as operating leases. Certain lease agreements include rental payments that are adjusted periodically for the consumer price index ("CPI"). The ROU and lease liability were calculated using the initial CPI and will not be subsequently adjusted. Certain leases include renewal options that are exercisable in the Company's sole discretion. The renewal options were included in the ROU and include renewal options that are under the Company's sole discretion.

A. Supplemental Consolidated Statement of Financial Position information related to leases was as follows:

	December 31, 2019
Operating lease right of use assets	\$ 365,763
Current portion of operating lease liabilities	62,565
Non-current portion of operating lease liabilities	323,287
Total operating lease liabilities	\$ 385,852
Weighted average remaining lease term (years)	5.6
Weighted average discount rate	2.19%

B. For the year ended December 31, 2019, cash payments against operating lease liabilities totaled \$76,500 and non-cash transactions totaled \$92,500 to recognize operating assets and liabilities for new leases.

Maturities of operating lease liabilities for the next five years are as follows:

	December 31, 2019
2020	\$ 71,771
2021	51,625
2022	40,830
2023	36,245
2024	33,779
2025 and thereafter	\$ 260,925
Total	\$ 495,175
Less - Imputed interest	109,323
Total operating lease liabilities	\$ 385,852

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 9 - LEASES (Cont.)

B. Payments due under operating leases net of sublease amounts and non-cancellable future rentals under ASC 840 as of December 31, 2018, were as follows:

	December 31,
	2018
2019	\$ 65,540
2020	49,142
2021	28,311
2022	21,001
2023	11,373
2024 and thereafter	87,287
Total lease payments	\$ 262,654

C. Expenses for the years ended December 31, 2019, 2018 and 2017 amounted to \$77,880, \$60,782 and \$47,479, respectively.

D. During 2019, the Company has recognized a net gain of approximately \$31,815 related to sale and lease back of buildings by one of the Company Israeli subsidiary. This gain was recorded under "Other operating income, net".

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 10 - PROPERTY, PLANT AND EQUIPMENT, NET

The following table presents the components of property, plant and equipment, net as of December 31, 2019 and 2018:

	December 31,	
	2019	2018
<u>Cost</u> ⁽¹⁾ :		
Land, buildings and leasehold improvements ⁽²⁾	\$ 796,676	\$ 756,767
Instruments, machinery and equipment ⁽³⁾	1,362,488	1,270,259
Office furniture and other	101,612	112,297
Motor vehicles and airplanes	51,890	55,947
	<u>2,312,666</u>	<u>2,195,270</u>
Accumulated depreciation	(1,546,134)	(1,508,650)
Depreciated cost	<u>\$ 766,532</u>	<u>\$ 686,620</u>

Depreciation expenses for the years ended December 31, 2019, 2018 and 2017 amounted to \$101,087, \$91,731 and \$85,449, respectively.

(1) Net of investment grants received (mainly for instruments, machinery and equipment) in the amounts of \$12,461 and \$15,492 as of December 31, 2019 and 2018, respectively.

(2) Set forth below is additional information regarding the real estate owned or leased by the Company:

	Israel ^(a)	U.S. ^(b)	Other Countries ^(c)
Owned	2,771,000 square feet	1,050,000 square feet	1,078,000 square feet
Leased	6,559,000 square feet	784,000 square feet	568,000 square feet

(a) Includes offices, development and engineering facilities, manufacturing facilities, maintenance facilities, hangar facilities and landing strips in various locations in Israel.

(b) Includes offices, development and engineering facilities, manufacturing facilities and maintenance facilities of ESA primary in Texas, New Hampshire, Florida, Alabama and Virginia.

(c) Includes offices, design and engineering facilities and manufacturing facilities, mainly in Europe, Latin America and Asia-Pacific.

(3) Includes equipment produced by the Company for its own use in the aggregate amount of \$118,371 and \$120,093 as of December 31, 2019 and 2018, respectively, and capitalized costs related to the new ERP system (see Note 2N).

As for liens on assets – see Notes 21G and 21H.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 11 - GOODWILL AND OTHER INTANGIBLE ASSETS, NET

A. COMPOSITION OF IDENTIFIABLE INTANGIBLE ASSETS:

	Weighted average useful lives	December 31,	
		2019	2018
Original cost:			
Technology	10	\$ 323,348	\$ 314,511
Customer relations	14	250,145	177,878
Trademarks and other	14	200,160	188,507
		<u>773,653</u>	<u>680,896</u>
Accumulated amortization:			
Technology		221,855	206,567
Customer relations		104,343	93,519
Trademarks and other		152,132	141,513
		<u>478,330</u>	<u>441,599</u>
Amortized cost		<u><u>\$ 295,323</u></u>	<u><u>\$ 239,297</u></u>

B. AMORTIZATION EXPENSES

Amortization expenses amounted to \$36,059, \$26,474 and \$28,568 for the years ended December 31, 2019, 2018 and 2017, respectively.

During 2018, the Company wrote-off impairment of \$5,520 related to the IMI acquisition. See Note 1C(5).

C. AMORTIZATION EXPENSES FOR FIVE SUCCEEDING YEARS

The estimated aggregate amortization expenses for each of the five succeeding fiscal years and thereafter are as follows:

2020	\$ 38,693
2021	35,521
2022	28,689
2023	25,013
2024	21,724
2025 and thereafter	145,682
	<u><u>\$ 295,323</u></u>

D. CHANGES IN GOODWILL

Changes in goodwill during 2019 were as follows:

	2019
Balance, at January 1	\$ 1,022,624
Additions ⁽¹⁾	288,029
Net translation differences ⁽²⁾	29,964
Balance, at December 31	<u><u>\$ 1,340,617</u></u>

(1) Additions related mainly to the ENV acquisition. See Notes 1C(1) and 1C(5).

(2) Foreign currency translation differences resulting from goodwill allocated to reporting units, whose functional currency has been determined to be other than the U.S. dollar.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 12 - SHORT-TERM BANK CREDIT AND LOANS

	<u>Interest %</u>	<u>December 31,</u>	
		<u>2019</u>	<u>2018</u>
Short-term loans	L + 0.75% , P - 0.7%	\$ 193,744	\$ 208,606
Short-term bank credit	P + 0.1%	14,655	215
		<u>\$ 208,399</u>	<u>\$ 208,821</u>

Note 13 - OTHER PAYABLES AND ACCRUED EXPENSES

	<u>December 31,</u>	
	<u>2019</u>	<u>2018</u>
Payroll and related expenses	\$ 239,406	\$ 250,765
Provision for warranty and cost	186,109	228,236
Provision for vendors on accrued expenses	76,299	59,064
Provision for vacation pay ⁽¹⁾	69,811	68,273
Provision for losses on long-term contracts	96,591	97,013
Provision for income tax, net of advances	27,498	14,537
Provision for royalties	36,296	35,623
Other income tax liabilities	1,318	4,149
Value added tax ("VAT") payable	22,910	11,460
Derivative instruments	8,326	23,936
Purchase obligations	23,984	43,137
Other ⁽²⁾	263,532	245,799
	<u>\$ 1,052,080</u>	<u>\$ 1,081,992</u>

(1) Long-term provision for vacation pay - see Note 20.

(2) Includes provisions for estimated future costs in respect of (1) unbilled services of certain third parties, (2) probable loss from claims (legal or unasserted) in the ordinary course of business and (3) damages caused by the items sold and claims as to the specific products ordered.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 14 - CONTRACT LIABILITIES (CUSTOMER ADVANCES)

	December 31,	
	2019	2018
Contract liabilities	\$ 786,411	\$ 956,884
Less -		
Contract liabilities presented under long-term liabilities	62,830	175,890
	<u>\$ 723,581</u>	<u>\$ 780,994</u>

Contract liabilities decreased by approximately \$170,473 compared to the beginning balance as of January 1, 2019.

During the year ended December 31, 2019, the Company recognized approximately \$613,557 of its contract liabilities at January 1, 2019 as revenue.

As for guarantees and liens, see Notes 21D, 21G and 21H.

Note 15 - LONG-TERM LOANS, NET OF CURRENT MATURITIES

	Currency	Interest %	Years of maturity	December 31,	
				2019	2018
Long-term loans (*)	USD	L + 1.25% - 1.75%	2020-2024	\$ 568,550	\$ 458,550
	NIS (**)	L + 0.8%	2021	8,256	10,636
	Other			1,223	1,272
				578,029	470,458
Less: current maturities				137,905	2,809
				<u>\$ 440,124</u>	<u>\$ 467,649</u>

(*) For covenants see Note 21E.

(**) Includes derivative instrument defined as hedge accounting. See Note 2Y and Note 2AA.

As of December 31, 2019, the LIBOR semi-annual rate for long-term loans denominated in U.S. dollars was 1.91%.

The maturities of these loans for periods after December 31, 2019, are as follows:

2020 - current maturities	\$ 137,905
2021	164,711
2022	37,905
2023 and after	237,508
	<u>\$ 578,029</u>

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 16 - SERIES A NOTES, NET OF CURRENT MATURITIES

	December 31,	
	2019	2018
Series A Notes	\$ 60,764	\$ 112,060
Less – Current maturities	(61,977)	(59,737)
Carrying amount adjustments on Series A Notes (*)	1,167	3,842
Premium on Series A Notes, net	46	138
	\$ —	\$ 56,303

(*) As a result of fair value hedge accounting, described below and in Notes 2Y and 2AA, the carrying amount of the Series A Notes is adjusted for changes in the interest rates.

In June 2010, the Company issued Series A Notes in the aggregate principal amount of NIS 1.1 billion (approximately \$283,000), payable in 10 equal annual installments on June 30 of each of the years 2011 through 2020. The Series A Notes bear a fixed interest rate of 4.84% per annum, payable on June 30 and December 30 of each of the years 2010 through 2020 (the first interest payment was made on December 30, 2010, and the last interest payment will be made on June 30, 2020). Debt issuance costs were approximately \$2,530, of which \$2,164 were allocated to the Series A Notes discount, and \$366 were allocated to deferred issuance costs and are amortized as financial expenses over the term of the Series A Notes due in 2020.

In March 2012, the Company issued additional Series A Notes in the aggregate principal amount of NIS 807 million (approximately \$217,420). The immediate gross proceeds received by the Company for the issuance of the March 2012 Series A Notes were approximately NIS 831 million (approximately \$224,000). Debt issuance costs were approximately \$2,010, of which \$1,795 was allocated to the Series A Notes discount, and \$215 was allocated to deferred issuance costs and are amortized as financial expenses over the term of the Series A Notes due in 2020. The premium was approximately \$3,675 and is amortized as financial income over the term of the Series A Notes due in December 2020.

In May 2012, the Company issued additional Series A Notes in an aggregate principal amount of NIS 92 million (approximately \$24,407) through a private placement to Israeli institutional investors. The immediate gross proceeds received by the Company for the issuance of the May 2012 Series A Notes were approximately NIS 95 million (approximately \$24,900). Debt issuance costs were approximately \$94. These costs were allocated to deferred issuance costs and are amortized as financial expenses over the term of the Series A Notes due in 2020. The premium was approximately \$260 and is amortized as financial income over the term of the Series A Notes due in December 2020.

The 2010 Series A Notes together with the 2012 Series A Notes form one single series with the same terms and conditions.

The Series A Notes (principal and interest) are not linked to any currency or index. The Series A Notes are unsecured, non-convertible and do not restrict the Company's ability to issue additional notes of any class or distribute dividends in the future. There are no covenants on the Series A Notes. The Series A Notes are listed for trading on the Tel-Aviv Stock Exchange.

During the years ended December 31, 2019, 2018 and 2017, the Company recorded \$3,740, \$5,480 and \$6,112, respectively, as interest expenses and \$92 as amortization of debt issuance costs and premium, net, in each of the three years ended December 31, 2019 on the Series A Notes.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 16 - SERIES A NOTES, NET OF CURRENT MATURITIES (Cont.)

The Company also entered into 10-year cross currency interest rate swap transactions in order to effectively hedge the effect of interest and exchange rate differences resulting from the 2010 NIS Series A Notes. Under the cross currency interest rate swaps, the Company receives fixed NIS at a rate of 4.84% on NIS 1.1 billion and pays floating six-month USD LIBOR + an average spread of 1.65% on \$287,000, which reflects the U.S. dollar value of the Series A Notes on the specific dates the transactions were consummated. Both the debt and the swap instruments pay semi-annual interest on June 30 and December 31. The purpose of these transactions was to convert the NIS fixed rate Series A Notes into USD LIBOR (six-month) floating rate obligations. As a result of these agreements, the Company is currently paying an effective interest rate of six-month LIBOR (1.92% at December 31, 2019) plus an average of 1.65% on the principal amount, as compared to the original 4.84% fixed rate. The above transactions qualify for fair value hedge accounting.

In April 2012 and May 2012, the Company entered into cross currency interest rate swap transactions in order to effectively hedge the effect of interest and exchange rate differences resulting from the 2012 issuance of Series A Notes. Under these cross currency interest rate swaps, the Company receives fixed NIS at a rate of 4.84% on NIS 807 million and NIS 92 million and pays floating six-month USD LIBOR + an average spread of 2.02% on \$217,300 and 2.285% on \$24,100, respectively, which reflects the U.S. dollar value of the 2012 issued Series A Notes on the specific dates the transactions were consummated. Both the debt and the swap instruments pay semi-annual interest on June 30 and December 31. The purpose of these transactions was to convert the NIS fixed rate Series A Notes into USD LIBOR (six-month) floating rate obligations. As a result of these agreements, the Company is currently paying an effective interest rate of six-month LIBOR (1.92% at December 31, 2019) plus an average of 2.05% on the 2012 principal amounts, as compared to the original 4.84% fixed rate. The above transactions qualify for fair value hedge accounting.

Future principal payments for the Series A Notes, including the effect of the cross-currency interest rate swap transactions, are as follows:

	December 31, 2019
2020 current maturities	\$ 55,533

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)**Note 17 - BENEFIT PLANS AND OBLIGATIONS FOR TERMINATION INDEMNITY**

The Company's subsidiaries ESA, IMI and its subsidiaries in Israel, a German subsidiary (the "German Subsidiary") and a Belgian subsidiary (the "Belgian Subsidiary") sponsor benefit plans for their employees in the U.S., Israel, Germany and Belgium, respectively, as follows:

1. Defined Benefit Retirement Plan based on Employer's Contributions

- a) ESA has four defined benefit pension plans (the "Plans") which cover the employees of ESA's three largest subsidiaries. During September, 2019, following the acquisition of the Night Vision Business, ESA accepted the transfer of sponsorship of the Pension Plan for Employees in the Night Vision Bargaining Unit which covers represented employees of ENV. Monthly benefits are based on years of service and annual compensation. Annual contributions to the Plans are determined using the unit credit actuarial cost method and are equal to or exceed the minimum required by law. Pension fund assets of the Plans are invested primarily in stocks, bonds and cash by a financial institution, as the investment manager of the Plans' assets. The service cost component of net periodic pension and other post-retirement benefit plan expense is recorded in operating profit and is allocated between cost of sales and general and administrative expenses, depending on the responsibilities of the employees. The non-service cost components of net periodic pension and other post-retirement benefit plan expense (i.e., interest cost, expected return on plan assets, net actuarial gains or losses, and amortization of prior service cost or credits) are included in the line item Other (income) expense, net in the income statement. The measurement date for ESA subsidiaries' benefit obligation is December 31.

Participation in ESA's qualified defined benefit plans was frozen as of January 1, 2010, for non-represented employees. Participation in ESA's qualified defined benefit plans was frozen as of May 15, 2017 for represented employees. Benefit accruals ceased for non-represented employees effective December 31, 2018.

- b) IMI and subsidiaries have several post-employment benefit arrangements, which are based on collective agreements concluded with certain groups of employees before the privatization of IMI. According to these agreements, some groups of employees possess special retirement conditions and preferable rights for post-employment benefits that apply to employees who will terminate their employment in the event of relocation of plants as part of the post privatization restructuring of IMI and subsidiaries. The arrangements are determined according to the various existing formats of employment, seniority and other factors. The liabilities recognized in respect of these arrangements are calculated on an actuarial basis.
- c) The German Subsidiary, which is wholly-owned by the Company, has mainly one defined benefit pension plan (the "P3-plan") which covers all employees. The P3-plan provides for yearly cash balance credits equal to a percentage of a participant's compensation, which accumulate together with the respective interest credits on the employee's cash balance accounts. In case of an insured event (retirement, death or disability) the benefits can be paid as a lump sum, in installments or as a life-long annuity. The P3-plan is an unfunded plan.
- d) The Belgian Subsidiary, which is wholly-owned by the Company, has a defined benefit pension plan, which is divided into two categories:
- 1) Normal retirement benefit plan, with eligibility at age 65. The lump sum is based on employee contributions of 2% of the final pensionable salary up to a certain breakpoint, plus 6% exceeding the breakpoint at a maximum of 5% of pensionable salary, and the employer contributions, with a maximum of 40 years. The vested benefit is equal to the retirement benefit calculated with the pensionable salary and pensionable service observed at the date of leaving service.

- 2) Pre-retirement death benefit to employees.

The plan is funded and includes profit sharing.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

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Note 17 - BENEFIT PLANS AND OBLIGATIONS FOR TERMINATION INDEMNITY (Cont.)

The following table sets forth the Plans' funded status and amounts recognized in the consolidated financial statements for the years ended December 31, 2019 and 2018:

	December 31,	
	2019	2018
<u>Changes in benefit obligation:</u>		
Benefit obligation at beginning of year	\$ 628,424	\$ 267,141
Benefit obligation related to acquired companies	111,654	378,055
Service cost	18,305	8,391
Interest cost	19,723	9,631
Exchange rate differences	29,778	43
Amendments	3,689	—
Actuarial loss (gain)	90,847	(20,337)
Benefits paid	(75,684)	(7,560)
Effect of curtailment	—	(6,940)
Other adjustments	4,375	—
Benefit obligation at end of year	<u>\$ 831,111</u>	<u>\$ 628,424</u>
<u>Changes in the Plans' assets:</u>		
Fair value of Plans' assets at beginning of year	164,282	167,961
Benefit assets related to acquired companies	91,724	—
Actual return on Plans' assets (net of expenses)	37,901	(11,121)
Employer contribution	3,716	15,002
Benefits paid	(8,130)	(7,560)
Fair value of Plans' assets at end of year	<u>\$ 289,493</u>	<u>\$ 164,282</u>
<u>Accrued benefit cost, end of year:</u>		
Funded status	(541,623)	(464,142)
Unrecognized net actuarial loss	123,736	60,141
Unrecognized prior service cost	8	24
	<u>\$ (417,879)</u>	<u>\$ (403,977)</u>
<u>Amount recognized in the statement of financial position:</u>		
Accrued benefit liability, current	(37,158)	(6,040)
Accrued benefit liability, non-current	(504,465)	(458,102)
Accumulated other comprehensive income, pre-tax	123,744	60,165
Net amount recognized	<u>\$ (417,879)</u>	<u>\$ (403,977)</u>

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 17 - BENEFIT PLANS AND OBLIGATIONS FOR TERMINATION INDEMNITY (Cont.)

	Year ended December 31,		
	2019	2018	2017
<u>Components of the Plans' net periodic pension cost:</u>			
Service cost	\$ 18,305	\$ 8,391	\$ 7,655
Interest cost	19,723	9,631	9,108
Expected return on Plans' assets	(13,507)	(12,080)	(10,203)
Amortization of prior service cost	16	64	64
Amortization of net actuarial loss	4,809	5,884	6,161
Total net periodic benefit cost	\$ 29,346	\$ 11,890	\$ 12,785
<u>Additional information</u>			
Accumulated benefit obligation	\$ 781,749	\$ 628,017	\$ 259,242

	December 31,	
	2019	2018
<u>Weighted average assumptions:</u>		
Discount rate as of December 31	1.9%	3.1%
Expected long-term rate of return on Plans' assets	7.2%	7.1%
Rate of compensation increase	0.6%	3.0%

Asset allocation by category as of December 31:

	2019	2018
<u>Asset Category:</u>		
Equity Securities	67.2%	61.3%
Debt Securities	32.1%	38.2%
Other	0.7%	0.5%
Total	100.0%	100.0%

The investment policy of ESA is directed toward a broad range of securities. The diversified portfolio seeks to maximize investment return while minimizing the risk levels associated with investing. The investment policy is structured to consider the Plans' obligations and the expected timing of benefit payments. The target asset allocation for the Plans' years presented is as follows:

	2019	2018
<u>Asset Category:</u>		
Equity Securities	63.0%	63.0%
Debt Securities	36.0%	36.0%
Other	1.0%	1.0%
Total	100.0%	100.0%

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 17 - BENEFIT PLANS AND OBLIGATIONS FOR TERMINATION INDEMNITY (Cont.)

The fair value of the asset values by category at December 31, 2019, was as follows:

<u>Asset Category</u>	Total	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Cash	\$ 18	\$ 18	\$ —	\$ —
<u>Cash Equivalents:</u>				
Money Market Funds (a)	1,899	1,899	—	—
<u>Fixed Income Securities:</u>				
Mutual Funds (b)	93,149	93,149	—	—
<u>Equity Securities:</u>				
International Companies (c)	6,016	6,016	—	—
Mutual Funds (d)	188,411	188,411	—	—
Total	\$ 289,493	\$ 289,493	\$ —	\$ —

- a. This category includes highly liquid daily traded cash-like vehicles.
- b. This category invests in highly liquid mutual funds representing a diverse offering of debt issuance.
- c. This category represents common stocks of companies domiciled outside of the U.S.; they can be represented by ordinary shares or ADRs.
- d. This category represents highly liquid diverse equity mutual funds of varying asset classes and styles.

In developing the overall expected long-term rate of return on assets assumption, ESA used a building block approach in which rates of return in excess of inflation were considered separately for equity securities, debt securities, real estate and all other assets. The excess returns were weighted by the representative target allocation and added along with an approximate rate of inflation to develop the overall expected long-term rate of return. It is the policy of ESA to meet the ERISA minimum contribution requirements for a Plan year. The minimum contribution requirements for the 2019 Plan year have been satisfied as of December 31, 2019. Benefit payments over the next five years are expected to be \$13,579 in 2020, \$14,628 in 2021, \$15,697 in 2022, \$16,696 in 2023 and \$17,543 in 2024.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 17 - BENEFIT PLANS AND OBLIGATIONS FOR TERMINATION INDEMNITY (Cont.)

2. Retiree Medical Plan

ESA offers retiree medical benefits to a limited number of retirees. The measurement date for ESA's benefit obligation is December 31. The following table sets forth the retiree medical plans' funded status and amounts recognized in the consolidated financial statements for the years ended December 31, 2019 and 2018:

	December 31,	
	2019	2018
<u>Change in Benefit Obligation:</u>		
Benefit obligation at beginning of period	\$ 1,359	\$ 1,641
Service cost	81	71
Interest cost	51	50
Actuarial (gain) loss	(34)	(353)
Employee contribution	17	19
Benefits paid	(61)	(69)
Benefit obligation at end of period	<u>\$ 1,413</u>	<u>\$ 1,359</u>
<u>Change in Plan Assets:</u>		
Employer contribution	\$ 45	\$ 50
Employee contribution	16	19
Benefits paid	(61)	(69)
Fair value of Plan assets at end of period	<u>\$ —</u>	<u>\$ —</u>
Year ended December 31,		
	2019	2018
<u>Accrued benefit cost, end of period:</u>		
Funded status	\$ (1,412)	\$ (1,359)
Unrecognized net actuarial (gain) loss	(1,479)	(1,610)
Accrued benefit cost, end of period	<u>\$ (2,891)</u>	<u>\$ (2,969)</u>
<u>Amounts recognized in the statement of financial position:</u>		
Accrued benefit liability, current	\$ (86)	\$ (112)
Accrued benefit liability, non-current	(1,326)	(1,247)
Accumulated other comprehensive gain, pretax	(1,479)	(1,610)
Net amount recognized	<u>\$ (2,891)</u>	<u>\$ (2,969)</u>
<u>Components of net periodic pension cost (for period):</u>		
Service cost	\$ 81	\$ 71
Interest cost	51	50
Amortization of net actuarial gain	(165)	(164)
Total net periodic benefit cost	<u>\$ (33)</u>	<u>\$ (43)</u>
<u>Assumptions as of end of period:</u>		
Discount rate	2.84%	3.91%
Health care cost trend rate assumed for next year	5.50%	5.40%
Ultimate health care cost trend rate	3.84%	3.84%

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 17 - BENEFIT PLANS AND OBLIGATIONS FOR TERMINATION INDEMNITY (Cont.)**2. Retiree Medical Plan (Cont.)**

The effect of a 1% change in the health care cost trend rate at December 31, 2019 was as follows:

	1% increase	1% decrease
Net periodic benefit cost	\$ 17	\$ (14)
Benefit obligation	\$ 111	\$ (99)

3. Defined Contribution Plan

The 401(k) savings plan ("401(k) plan") is a defined contribution retirement plan that covers all eligible ESA employees, as defined in section 401(k) of the U.S. Internal Revenue Code. Employees may elect to contribute a percentage of their annual gross compensation to the 401(k) plan. ESA may make discretionary matching contributions as determined by ESA. Total expense under the 401(k) plan amounted to \$11,569, \$6,453 and \$5,646 for the years ended December 31, 2019, 2018 and 2017, respectively. Expense for the deferred 401(k) plan is allocated between cost of sales and general and administrative expenses depending on the responsibilities of the related employees.

4. Non-Qualified Defined Contribution Plan

ESA has two benefit plans for the executives of the organization. The non-qualified, defined contribution plan is structured under Section 409(A). The plan provides the employees at vice president level and above the opportunity to defer up to 100% of their salary to the 409(A) plan. ESA provides a match of 50 cents on the dollar up to 10% of the employees' total salary and incentive-based compensation. The contribution can be made into the 401(k) plan, the 409(A) plan or both plans. The purpose is to provide comparable defined contribution plan benefits for the senior management across ESA locations. The 409(A) plan funds are contributed to several life insurance policies. Participant contributions to the plan were \$1,955, \$3,238 and \$1,962 for the years ended December 31, 2019, 2018 and 2017, respectively, and the total ESA contribution to the plan was \$230 for 2019. The cash surrender value of these life insurance policies at December 31, 2019 was \$5,646. The total liability related to the 409(A) plan was \$13,178 at December 31, 2019.

The second plan implemented is a non-qualified, defined benefit plan for certain executives of ESA. The plan provides the executives with a calculated, guaranteed payment in addition to their regular pension through the company upon retirement. The plan is funded with several life insurance policies. The policies are not segregated into a trust or otherwise effectively restricted. These policies are corporate owned assets that are subject to the claims of general creditors and cannot be considered as formal plan assets. The defined benefit plan put in place meets the ERISA definition of an unfunded deferred compensation plan maintained for the benefit of a select group of management or highly compensated employees. The plan assets of life insurance policies have a cash surrender of \$3,419 at December 31, 2019. Related liability for the pension payments is \$7,118 at December 31, 2019. As of December 31, 2019, all executives had partially vested balances in the plan.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)**Note 18 - TAXES ON INCOME****A. APPLICABLE TAX LAWS****(1) Israeli Corporate Income Tax Rates**

Generally, regular corporate tax rates and real capital gain tax rates in Israel were 23% for the years 2019 and 2018, and 24% for the year 2017.

(2) Tax benefits under Israel's Law for the Encouragement of Industry (Taxes), 1969:

Elbit Systems and most of its subsidiaries in Israel currently qualify as "Industrial Companies", as defined by the Law for the Encouragement of Industry (Taxes), 1969, and as such, these companies are entitled to certain tax benefits, mainly amortization of costs relating to know-how and patents over eight years, accelerated depreciation, the right to deduct public issuance expenses for tax purposes and an election under certain conditions to file a consolidated tax return with additional related Israeli Industrial Companies.

In December 2015, Elbit Systems and certain of its Israeli subsidiaries (also industrial companies) submitted an election notice to the Israel Tax Authority to file a consolidated tax return starting from tax year 2015.

(3) Tax benefits under Israel's Law for the Encouragement of Capital Investments, 1959 (Cont.):

The operations of Elbit Systems and certain of its Israeli subsidiaries ("the Companies") have been granted "Approved Enterprise" status under Israel's Law for the Encouragement of Capital Investments, 1959 (the "Law"). Accordingly, certain income of the Companies derived from the Approved Enterprise programs is tax exempt for two years and subject to reduced tax rates of 25% for five-year to eight-year periods or tax exempt for a ten-year period, commencing in the first year in which the companies had taxable income (limited to twelve years from commencement of production or fourteen years from the date of approval, whichever is earlier).

An Amendment to the Law from 2005 defines the "Privileged Enterprise" status rather than the previous Approved Enterprise status and limits the scope of enterprises which may qualify for Privileged Enterprise status by setting criteria such as that at least 25% of the Privileged Enterprise program's income be derived from exports. Additionally, the 2005 Amendment enacted major changes in the manner in which tax benefits are awarded under the Law so that companies no longer require an Investment Center approval in order to qualify for tax benefits. Similar criteria have been set for the "Preferred Enterprise" status which was added in an Amendment to the Law in 2011. Companies are not required to receive an Investment Center approval in order to qualify for the tax benefits under the Preferred Enterprise status, however, companies which are under an Approved Enterprise or Privileged Enterprise programs must waive their former benefits in order to elect the Preferred Enterprise regime.

Tax-exempt income generated by the Company and certain of its Israeli subsidiaries' Approved Enterprises and Privileged Enterprises will be subject to tax upon dividend distribution or complete liquidation. Income generated under a Preferred Enterprise is not subject to additional taxation to the Company or its Israeli subsidiaries upon distribution or complete liquidation.

The entitlement to the above benefits is subject to the Companies' fulfilling the conditions specified in the Law, and the regulations promulgated thereunder and the letters of approval for the specific investments in Approved Enterprises. In the event of failure to comply with these conditions, the benefits may be canceled and the companies may be required to refund the amount of the benefits, in whole or in part, including interest.

As of December 31, 2019, the Company's management believes that the Company and its Israeli subsidiaries met all conditions of the Law and letters of approval.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)**Note 18 - TAXES ON INCOME (Cont.)**

A. APPLICABLE TAX LAWS (Cont.)

(3) Tax benefits under Israel's Law for the Encouragement of Capital Investments, 1959 (Cont.):

As of December 31, 2019, retained earnings of the Company included approximately \$661,000 in tax-exempt profits earned by the Company's Approved Enterprises. If the retained tax-exempt income were to be distributed, with respect to the Approved Enterprises it would be taxed at the corporate tax rate applicable to such profits as if the Company had not elected the alternative tax benefits track, and an income tax liability would be incurred of approximately \$165,000 as of December 31, 2019.

The boards of directors of the Company and its applicable Israeli subsidiaries have decided that their policy is not to declare dividends out of such tax-exempt income. Accordingly, no deferred income taxes have been provided on exempt income attributable to the Companies' Approved Enterprises and Privileged Enterprises, as such retained earnings are essentially permanent in duration.

In Israel, income from sources other than the Approved Enterprises, Privileged Enterprises and Preferred Enterprises during the benefit period are subject to tax at the regular corporate tax rate.

Enhancement of Current Tax Incentives Regime:

Tax incentives in Israel are also available to certain Israeli industrial companies and to R&D centers (operating on a cost plus basis) under two tracks: (i) a Preferred Enterprise and (ii) a Special Preferred Enterprise, aimed at large enterprises that meet certain investment requirements. Accordingly, a Preferred Enterprise is eligible for a reduced corporate income tax rate of 16%. However, if the company is located in Jerusalem or in certain northern or southern parts of Israel, the tax rate was further reduced to 9%. On December 15, 2016, the Finance Committee approved a further 1.5% reduction in the tax rate for such locations, from 9% to 7.5%.

Since the Company and its Israeli subsidiaries are operating under more than one program or incentive segment, and since part of their taxable income is not entitled to tax benefits under the Law and is taxed at the regular tax rates, the effective tax rate is the result of a weighted combination of the various applicable rates and tax exemptions, and the computation is made for income derived from each program on the basis of formulas specified in the Law.

The Israeli Parliament enacted a reform to the Law, effective January 2011. According to the reform, a flat rate tax applies to companies eligible for the Preferred Enterprise status. In order to be eligible for a Preferred Enterprise status, a company must meet minimum requirements to establish that it contributes to the country's economic growth and is a competitive factor for the Gross Domestic Product (a competitive enterprise).

Israeli companies that currently benefit from an Approved Enterprise or Privileged Enterprise status and meet the criteria for qualification as a Preferred Enterprise can elect to apply the Preferred Enterprise benefits by waiving their benefits under the Approved Enterprise and Privileged Enterprise status. The Company and several of its Israeli subsidiaries have elected the Preferred Enterprise status.

Benefits granted to a Preferred Enterprise include reduced and gradually decreasing tax rates. In peripheral regions (Development Area A) the reduced tax rate was 10% in 2012 and 7% in 2013. In other regions the tax rate was 15% in 2012, and 12.5% in 2013. Following the enactment of the National Priorities Law, effective January 1, 2014, the reduced tax rate is 9% in the Development Area A regions and 16% in other regions. Preferred Enterprises in peripheral regions are eligible for Investment Center grants, as well as the applicable reduced tax rates.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 18 - TAXES ON INCOME (Cont.)

A. APPLICABLE TAX LAWS (Cont.)

(3) Tax benefits under Israel's Law for the Encouragement of Capital Investments, 1959 (Cont.):

A distribution from a Preferred Enterprise out of "Preferred Income" through December 31, 2013, was subject to 15% withholding tax for Israeli-resident individuals and non-Israeli residents (subject to applicable treaty rates) and effective January 1, 2014, is subject to 20% withholding tax for Israeli-resident individuals and non-Israeli residents (subject to applicable treaty rates).

In December 2016, the Knesset (Israeli Parliament) approved amendments to the Law that introduce an innovation box regime for intellectual property (IP)-based companies, enhanced tax incentives for certain industrial companies and reduced the standard corporate tax rate and certain withholding rates starting in 2017.

Innovation Box Regime Special Technological Preferred Enterprise

The regime was tailored by the Israeli government to a post-base erosion and profit shifting ("BEPS") world, encouraging multinationals to consolidate IP ownership and profits in Israel along with existing Israeli research and development ("R&D") functions. Tax benefits created to achieve this goal include a reduced corporate income tax rate of 6% on IP-based income and on capital gains from future sale of IP.

The 6% tax rate applies to qualifying Israeli companies that are part of a group with global consolidated revenue of over NIS 10 billion (approximately US \$2.8 billion). Other qualifying companies with global consolidated revenue below NIS 10 billion are subject to a 12% tax rate. However, if the Israeli company is located in Jerusalem or in certain northern or southern parts of Israel, the tax rate is further reduced to 7.5%. Additionally, withholding tax on dividends for foreign investors is subject to a reduced rate of 4% for all qualifying companies (unless further reduced by a treaty).

Entering into the regime is not conditioned on making additional investments in Israel, and a company could qualify if it invested at least 7% of the last three years' revenue in R&D (or incurred NIS 75 million in R&D expense per year) and met one of the following three conditions:

1. At least 20% of its employees are R&D employees engaged in R&D (or more than 200 R&D employees);
2. Venture capital investments of NIS 8 million were previously made in the company; or
3. Average annual growth over three years of 25% in sales or employees.

A company that does not meet the above conditions may still be considered as a qualified company at the discretion of the Israeli Innovation Authority of the Ministry of Economy and Industry (formerly, the Office of the Chief Scientist). Companies wishing to exit from the regime in the future will not be subject to clawback of tax benefits. The Knesset also approved a stability clause in order to encourage multinationals to invest in Israel. Accordingly, companies will be able to confirm the applicability of tax incentives for a 10-year period under a pre-ruling process. Further, in line with the new Organization for Economic Co-operation and Development ("OECD") Nexus Approach, the Israeli Finance Minister will promulgate regulations to ensure companies are benefiting from the regime to the extent qualifying R&D expenditures are incurred. The regulations were set to be finalized by March 31, 2017, with new amendments to the Law coming into effect after the regulations have been finalized. Accordingly, the new law was not considered enacted at December 31, 2016.

On May 16, 2017, the Knesset Finance Committee approved the regulations effective as of January 1, 2017. As of December 31, 2019, the Company's management believes that Elbit Systems' and certain of its Israeli subsidiaries' meet the conditions and qualify as a "Special Preferred Technological Enterprise" tax regime.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 18 - TAXES ON INCOME (Cont.)**B. NON-ISRAELI SUBSIDIARIES**

Non-Israeli subsidiaries are generally taxed based upon tax laws applicable in their countries of residence.

In December 2017, the Tax Cuts and Jobs Act (the "2017 Tax Act") was enacted in the United States. The 2017 Tax Act represents major tax reform legislation that, among other provisions, reduces the U.S. corporate tax rate. The 2017 Tax Act includes a number of changes that impact the Company's U.S. subsidiaries, most notably, a reduction of the U.S. corporate income tax rate from 35% to 21% effective as of January 1, 2018.

The 2017 Tax Act also provides for a one-time transition tax on certain foreign earnings and the acceleration of depreciation for certain assets placed into service after September 27, 2017, as well as prospective changes beginning in 2018, including repeal of the domestic manufacturing deduction, acceleration of tax revenue recognition, capitalization of research and development expenditures, additional limitations on executive compensation and limitations on the deductibility of interest.

The Company recognized the income tax effects of the 2017 Tax Act in its 2017 consolidated financial statements in accordance with Staff Accounting Bulletin No. 118, which provides SEC staff guidance for the application of ASC 740, "Income Taxes", in the reporting period in which the 2017 Tax Act was enacted. As a result, the Company's financial results reflect in the income tax effects of the 2017 Tax Act for which the accounting under ASC 740 is complete and provisional amounts for those specific income tax effects of the 2017 Tax Act for which the accounting under ASC 740 is incomplete but a reasonable estimate could be determined.

The changes to existing U.S. tax laws as a result of the 2017 Tax Act, which had the most significant impact on the Company's federal income taxes are related to the reduction of the U.S. corporate income tax rate and such effect on deferred tax assets and liabilities. The Company remeasured certain deferred tax assets, net, based on the rates at which they are expected to reverse in the future, which is generally 21%. As a result, the amount recorded related to the remeasurement of the Company's deferred tax assets, net, balance was \$10,950, which is included as an increase in income tax expense and a corresponding reduction in the deferred tax assets, net, as of December 31, 2017.

The Company applied the guidance in Staff Accounting Bulletin 118 when accounting for the enactment-date effect of the Tax Act in 2017, and throughout 2018. At December 31, 2017, the Company substantially completed its provisional analysis of the income tax effects of the Tax Act and recorded a reasonable estimate in 2017 of such effects. During 2018, the Company refined its calculations, evaluated changes in interpretations and assumptions that were made, applied additional guidance issued by the U.S. Government, and evaluated actions and related accounting policy decisions that were made. As of December 31, 2018, the Company completed its accounting for all of the enactment-date income tax effects of the Tax Act and did not identify any material changes to the provisional, for the year ended December 31, 2017, related to the Tax Act.

C. INCOME FROM CONTINUING OPERATIONS BEFORE TAXES ON INCOME

	Year ended December 31,		
	2019	2018	2017
<u>Income before taxes on income:</u>			
Domestic	\$ 174,522	\$ 195,491	\$ 245,680
Foreign	71,773	41,831	39,166
	<u>\$ 246,295</u>	<u>\$ 237,322</u>	<u>\$ 284,846</u>

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 18 - TAXES ON INCOME (Cont.)

D. TAXES ON INCOME

	Year ended December 31,		
	2019	2018	2017
<u>Current taxes:</u>			
Domestic	\$ 28,613	\$ 17,805	\$ 24,070
Foreign	15,990	7,672	12,070
	<u>44,603</u>	<u>25,477</u>	<u>36,140</u>
<u>Adjustment for previous years:</u>			
Domestic ^(*)	(20,688)	(1,287)	(2,481)
Foreign	26	(1,266)	(1,849)
	<u>(20,662)</u>	<u>(2,553)</u>	<u>(4,330)</u>
<u>Deferred income taxes:</u>			
Domestic	(391)	5,387	12,700
Foreign ^(**)	(4,136)	(1,866)	11,075
	<u>(4,527)</u>	<u>3,521</u>	<u>23,775</u>
Total taxes on income	<u>\$ 19,414</u>	<u>\$ 26,445</u>	<u>\$ 55,585</u>
<u>Total:</u>			
Domestic	\$ 7,534	\$ 21,905	\$ 34,289
Foreign	11,880	4,540	21,296
Total taxes on income	<u>\$ 19,414</u>	<u>\$ 26,445</u>	<u>\$ 55,585</u>

^(*) During 2019, tax benefits mainly related to settlements. See Note 18E

^(**) Includes \$10,950 in deferred tax asset adjustments in 2017, related to the tax reform in the U.S.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 18 - TAXES ON INCOME (Cont.)

E. UNCERTAIN TAX POSITIONS

A reconciliation of the beginning and ending amount of unrecognized tax benefits is as follows:

	2019	2018
Balance at the beginning of the year	\$ 59,944	\$ 55,087
Additions related to interest and currency translation	4,582	(1,241)
Additions based on tax positions related to prior period	11,543	4,625
Reductions related to tax positions taken during a prior period	(152)	119
Reductions related to settlement of tax matters	(40,648)	(1,294)
Additions based on tax positions taken during the current period	18,272	3,157
Reductions related to a lapse of applicable statute of limitation	(274)	(509)
Balance at the end of the year	<u>\$ 53,267</u>	<u>\$ 59,944</u>

At December 31, 2019 and 2018, the Company had a provision for unrecognized tax benefits of \$53,267 and \$59,944, respectively, including an accrual of \$1,946 and \$4,507 for the payment of related interest and penalties, respectively. The Company recognizes interest and penalties related to unrecognized tax benefits in the provision for income taxes.

During 2019 and 2018 the Company and certain of its subsidiaries settled certain income tax matters pertaining to multiple years in Israel and Europe. As a result of the settlement of the tax matters, the Company recorded tax benefits of approximately \$40,648 and \$1,294 during the years 2019 and 2018 respectively, in the statements of income in "taxes on income". Following the examination by the Israeli Tax Authority, the Company applied some of the items for which a settlement was reached to subsequent outstanding years.

The Company operates in multiple jurisdictions throughout the world, and its tax returns are periodically audited or subject to review by both domestic and foreign authorities. Certain Israeli subsidiaries of the Company are currently undergoing tax audits by the Israeli Tax Authority.

As a result of ongoing examinations, tax proceedings in certain countries and additions to unrecognized tax benefits for positions taken and interest and penalties, if any, arising in 2019, it is not possible to estimate the potential net increase or decrease to the Company's unrecognized tax benefits during the next twelve months.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 18 - TAXES ON INCOME (Cont.)

F. DEFERRED INCOME TAXES

Significant components of net deferred tax assets and liabilities are based on separate tax jurisdictions as follows:

	December 31,	
	2019	2018
<u>Deferred tax assets:</u>		
Reserves and allowances	\$ 90,430	\$ 52,691
Property, plant and equipment	9,500	465
Operating lease right of use assets	32,866	—
Other assets	45,323	47,354
Net operating loss carry-forwards	65,491	63,945
	<u>243,610</u>	<u>164,455</u>
Valuation allowance	(154,158)	(121,651)
Net deferred tax assets	<u>89,452</u>	<u>42,804</u>
<u>Deferred tax liabilities:</u>		
Intangible assets	(1,121)	(2,640)
Property, plant and equipment	(9,573)	(10,132)
Operating lease liabilities	(32,467)	—
Reserves and allowances	(19,311)	(10,110)
	<u>(62,472)</u>	<u>(22,882)</u>
Net deferred tax assets ^(*)	<u>\$ 26,980</u>	<u>\$ 19,922</u>

Deferred tax assets and liabilities are measured based on the enacted tax rates that will apply in the years in which the temporary differences are expected to be recovered or paid.

(*) The net deferred tax assets as of December 31, 2018 include deferred tax liability in the amount of \$1,400 with respect to investment in subsidiaries at fair value, and a deferred tax asset in the same amount with respect to capital gain losses that can be utilized in case of realization of this investment.

G. CARRY-FORWARD TAX LOSSES

As of December 31, 2019, the Company and its Israeli subsidiaries had estimated total available carry-forward operating tax losses of approximately \$414,576, and its non-Israeli subsidiaries had estimated available carry-forward operating tax losses of approximately \$24,560. The Company had also carry-forward capital losses of approximately \$58,673, out of which a valuation allowance was provided in the sum of approximately \$42,899.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 18 - TAXES ON INCOME (Cont.)

H. RECONCILIATION

Reconciliation of the actual tax expense as reported in the statements of operations to the amount computed by applying the Israeli statutory tax rate is as follows:

	Year ended December 31,		
	2019	2018	2017
Income before taxes as reported in the consolidated statements of income	\$ 246,295	\$ 237,322	\$ 284,846
Statutory tax rate	23.0%	23.0%	24.0%
Theoretical tax expense	<u>\$ 56,648</u>	<u>\$ 54,584</u>	<u>\$ 68,363</u>
Tax benefit arising from reduced rate as an "Approved, Privileged and Preferred Enterprise" and other tax benefits (*)	(22,073)	(17,132)	(15,749)
Tax adjustment in respect of different tax rates for foreign subsidiaries	(1,580)	687	2,946
Changes in carry-forward losses and valuation allowances	22	927	4,135
Taxes resulting from non-deductible expenses	1,506	2,159	1,634
Difference in basis of measurement for financial reporting and tax return purposes	6,609	(13,775)	(3,257)
Taxes in respect of prior years (see Note 18D above)	(20,662)	(2,553)	(4,330)
Other differences, net	(1,056)	1,548	1,843
Actual tax expenses	<u>\$ 19,414</u>	<u>\$ 26,445</u>	<u>\$ 55,585</u>
Effective tax rate	<u>7.88%</u>	<u>11.14%</u>	<u>19.51%</u>

(*) Net earnings per share – amounts of the benefit resulting from the Approved, Privileged and Preferred Enterprises:

Basic and diluted	<u>\$ 0.50</u>	<u>\$ 0.40</u>	<u>\$ 0.37</u>
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I. REORGANIZATION

On May 16, 2019, a Tax Ruling was received from the Israeli Tax Authority regarding a reorganization in the Company's group according to Section E2 of the Israeli Tax Ordinance. The tax exempt reorganization included several stages, mainly the split of its subsidiary Elbit Systems Land and C4I Ltd., where the teleprocessing, radio and cyber activities would remain in the subsidiary, and the land and armored-vehicles activities would be split into a new company - Elbit Systems Land Ltd. According to the Tax Ruling, the restructuring date is December 31, 2018.

J. FINAL TAX ASSESSMENTS

Final income tax assessments have been received by the Company up to and including the tax year 2017 and by certain subsidiaries up to 2014 and 2015.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 19 - DERIVATIVE FINANCIAL INSTRUMENTS

A. FAIR VALUE OF DERIVATIVE INSTRUMENTS

Derivative financial instruments are presented as other assets or other payables. For asset derivatives and liability derivatives, the fair values of the Company's outstanding derivative instruments as of December 31, 2019 and December 31, 2018 are summarized below:

	Asset Derivatives ^(*)		Liability Derivatives ^(**)	
	December 31,		December 31,	
	2019	2018	2019	2018
Derivatives designated as hedging instruments				
Foreign exchange contracts	23,820	22,327	7,489	22,637
Cross-currency interest rate swaps	6,183	4,378	—	—
	\$ 30,003	\$ 26,705	\$ 7,489	\$ 22,637
Derivatives not designated as hedging instruments				
Foreign exchange contracts	66	222	337	1,299
	\$ 66	\$ 222	\$ 337	\$ 1,299

(*) Presented as part of other receivables and long-term other receivables.

(**) Presented as part of other payables and long-term other payables.

B. EFFECT ON CASH FLOW HEDGING

The effect of derivative instruments on cash flow hedging and the relationship between income and other comprehensive income for the years ended December 31, 2019 and December 31, 2018, are summarized below:

	Gain (Loss) Recognized in Other Comprehensive Income on Effective- Portion of Derivative, net		Gain (Loss) on of Derivative Reclassified from Accumulated Other Comprehensive Income ^{(*),(**)}		Amount Excluded from Effectiveness Testing Recognized in Income ^(***)	
	December 31, 2019	December 31, 2018	December 31, 2019	December 31, 2018	December 31, 2019	December 31, 2018
	Derivatives designated as hedging instruments:					
Foreign exchange contracts	\$ 24,328	\$ (6,249)	\$ 13,057	\$ 10,180	\$ 5,447	\$ 2,726
Derivatives not designated as hedging instruments:						
Foreign exchange contracts and other derivatives instruments	\$ —	\$ —	\$ —	\$ —	\$ (1,876)	\$ 1,457

(*) Presented as part of revenues/cost of revenue and equity in net earning of affiliated companies and partnerships.

(***) As of December 31, 2019, this amount includes gains of \$2,327 reclassified into earnings as a result of the discontinuance of cash flow hedges because it was probable that the original forecast transaction would not occur by the end of the originally specified time frame.

(****) As of December 31, 2019, presented as part of revenues. As of December, 2018, presented as part of financial income (expenses), net.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 19 - DERIVATIVE FINANCIAL INSTRUMENTS (Cont.)

C. NET EFFECT OF CROSS-CURRENCY SWAPS

The net effect on earnings from the cross-currency swaps in 2019 was a gain of approximately \$3,900, of which approximately \$3,300 was offset against exchange rate difference related to Series A Notes and approximately \$600 was offset against interest expenses.

D. FORWARD CONTRACTS

The notional amounts of outstanding foreign exchange forward contracts at December 31, 2019 is summarized below:

	Forward contracts			
	Buy		Sell	
	December 31,		December 31,	
	2019	2018	2019	2018
Euro	\$ 81,258	\$ 102,485	\$ 330,433	\$ 414,211
GBP	9,380	6,764	38,606	23,559
NIS	—	598,200	—	—
Other	35,662	41,467	63,093	57,266
	<u>\$ 126,300</u>	<u>\$ 748,916</u>	<u>\$ 432,132</u>	<u>\$ 495,036</u>

Note 20 - OTHER LONG-TERM LIABILITIES

The following table presents the components of other long-term liabilities as of December 31, 2019 and 2018:

	December 31,	
	2019	2018
Purchase obligations	\$ 132,504	\$ 128,739
Provision for vacation pay	33,094	31,310
Accrued expenses on evacuation ^(*)	41,805	—
Other	18,075	10,558
	<u>\$ 225,478</u>	<u>\$ 170,607</u>

^(*) Accrued expenses on evacuation - expenses related to relocation of certain of IMI's facilities (see Note 1C(5)).

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 21 - COMMITMENTS AND CONTINGENT LIABILITIES**A. ROYALTY COMMITMENTS**

Elbit Systems and certain Israeli subsidiaries partially finance their research and development expenditures under grant programs sponsored by the Israel Innovation Authority (“IIA”) of the Ministry of Economy and Industry (formerly the Office of Chief Scientist) for the support of research and development activities conducted in Israel. At the time the grants were received from the IIA, successful development of the related projects was not assured.

In exchange for participation in the programs by the IIA, Elbit Systems and the subsidiaries agreed to pay 2% - 5% of total sales of products developed within the framework of these programs. The royalties will be paid up to a maximum amount equaling 100% to 150% of the grants provided by the IIA, linked to the dollar, bearing annual interest at a rate based on LIBOR. The obligation to pay these royalties is contingent on actual sales of the products, and in the absence of such sales payment of royalties is not required.

In some cases, the Government of Israel’s participation (through the IIA) is subject to export sales or other conditions. The maximum amount of royalties is increased in the event of production outside of Israel.

Elbit Systems and certain of its subsidiaries may also be obligated to pay certain amounts to the IMOD and others on certain sales including sales resulting from the development of certain technologies.

Royalties expenses amounted to \$9,878, \$7,559 and \$10,424 in 2019, 2018 and 2017, respectively.

B. COMMITMENTS IN RESPECT OF LONG-TERM PROJECTS

In connection with projects in certain countries, Elbit Systems and some of its subsidiaries have entered and may enter in the future into “buy-back” or “offset” agreements, required by a number of the Company’s customers for these projects as a condition to the Company obtaining orders for its products and services. These agreements are customary in the Company’s industry and are designed to facilitate economic flow back (buy-back) and/or technology transfer to businesses or government agencies in the applicable country.

These commitments may be satisfied by the Company’s placement of direct work or vendor orders for supplies and/or services, transfer of technology, investments or other forms of assistance in the applicable country. The buy-back rules and regulations, as well as the underlying contracts, may differ from one country to another. The ability to fulfill the buy-back obligations may depend, among other things, on the availability of local suppliers with sufficient capability to meet the Company requirements and which are competitive in cost, quality and schedule. In certain cases, the Company’s commitments may also be satisfied through transactions conducted by other parties.

The Company does not commit to buy-back agreements until orders for its products or services are definitive, but in some cases the orders for the Company’s products or services may become effective only after the Company’s corresponding buy-back commitments are in effect.

Buy-back programs generally extend at least over the relevant commercial contract period and may provide for penalties in the event the Company fails to perform in accordance with buy-back requirements. In some cases the Company provides guarantees in connection with the performance of its buy-back obligations.

Should the Company be unable to meet such obligations it may be subject to contractual penalties, the Company's guarantees may be drawn upon, and the Company's chances of receiving additional business from the applicable customers could be reduced or, in certain cases, eliminated.

At December 31, 2019, the Company had outstanding buy-back obligations totaling approximately \$1,345,000 that extend through 2028.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 21 - COMMITMENTS AND CONTINGENT LIABILITIES (Cont.)**C. LEGAL CLAIMS**

The Company and its subsidiaries are involved in legal claims arising in the ordinary course of business. The Company's management, based on the opinion of its legal counsel, believes that any financial impact from the settlement of such claims in excess of the accruals recorded in the financial statements will not have a material adverse effect on the financial position or results of operations of the Company. The following is a description of significant legal proceedings.

In 2015, Elbit Systems of America, LLC and Elbit Systems Land & C4I Ltd. (collectively "Elbit") filed a claim for patent infringement in the U.S. District Court for the Eastern District of Texas (the "Court") against Hughes Network Systems, LLC ("Hughes"), Black Elk Energy Offshore Operations, LLC ("Black Elk"), Blue Tide Communications, Inc. ("Blue Tide") and Country Home Investments, Inc. ("Country Home") (Hughes, Black Elk, Blue Tide and Country Home are referred to collectively as the "defendants"). The claim alleges that the defendants infringed the Company's patents relating to "Reverse Link for a Satellite Communications Network" and "Infrastructure for Telephony Network". In June 2017, Elbit voluntarily dismissed Blue Tide and Country Home as defendants, and Black Elk was dismissed earlier since it was in bankruptcy. A trial was conducted before a jury from July 31 - August 7, 2017. The jury concluded that Hughes infringed Elbit's patents, rejected Hughes' invalidity arguments and returned a damages verdict in Elbit's favor of \$21,075. The Court confirmed the jury's verdict and awarded post-trial royalties of an additional \$4,680, additional pre-trial royalties of approximately \$1,000 and interest in an amount to be determined upon final judgment. In addition, the Court granted Elbit's request that the case be deemed exceptional and Elbit be entitled to legal fees. Hughes appealed the Court's rulings to the U.S. Court of Appeals for the Federal Circuit. Briefing on the appeal was completed in November 2018. In December 2019, the case was settled whereby Hughes paid Elbit \$33,000, of which a gain of approximately \$13,600 included in general and administrative expenses.

D. GUARANTEES

As of December 31, 2019, guarantees in the amount of approximately \$1,982,558 were issued by banks and other financial institutions on behalf of the Company and certain of its subsidiaries mainly in order to secure certain contract liabilities (advances from customers) and performance obligation and employee benefit plans.

E. COVENANTS

In connection with bank credits and loans, including performance guarantees issued by banks and bank guarantees in order to secure certain advances from customers, the Company and certain subsidiaries are obligated to meet certain financial covenants. Such covenants include requirements for shareholders' equity, current ratio, operating profit margin, tangible net worth, EBITDA, interest coverage ratio and total leverage.

As of December 31, 2019, the Company met all financial covenants.

F. CONTRACTUAL OBLIGATIONS

Substantially all of the Company's purchase commitments relate to obligations under purchase orders and subcontracts entered into by the Company. These purchase orders and subcontracts are typically in standard formats proposed by the Company, with the subcontracts and purchase orders also reflecting provisions from the Company's applicable prime contract that apply on a flow down basis to subcontractors and vendors. The terms typically included in these purchase orders and subcontracts are consistent with Uniform Commercial Code provisions in the United States for sales of goods, as well as with specific terms called for by its customers in various countries. These terms include the Company's right to terminate the purchase order or subcontract in the event of the vendor's or subcontractor's default, and typically include the Company's right to terminate the order or subcontract for the Company's convenience (or if the Company's prime contractor has so terminated the prime contract). Such purchase orders and subcontracts typically are not subject to variable price provisions. As of December 31, 2019 and 2018, the purchase commitments were \$2,248,000 and \$1,775,000, respectively.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 21 - COMMITMENTS AND CONTINGENT LIABILITIES (Cont.)

G. FIXED LIENS

In order to secure bank loans and bank and other financial institutions guarantees in the amount of approximately \$1,982,558 as of December 31, 2019, certain Company entities recorded fixed liens on most of their machinery and equipment, mortgages on most of their real estate and floating charges on most of their assets.

H. LIEN ON APPROVED ENTERPRISES

A lien on the Company's Approved Enterprises has been registered in favor of the State of Israel. See Note 18A.

Note 22 - SHAREHOLDERS' EQUITY

A. SHARE CAPITAL

Ordinary shares confer upon their holders voting rights and the right to receive dividends.

B. TREASURY SHARES

In April 2019, the Company sold in a private placement to institutional investors in Israel 1,408,921 ordinary shares, at a price per share equal to \$131.81. As part of the private placement the shares were registered with the SEC.

C. 2018 EQUITY INCENTIVE PLAN

In February 2018 the Company's Board of Directors approved the 2018 Equity Incentive Plan for Executive Officers (the "2018 Equity Incentive Plan"). The purpose of this plan was to enable the Company to link the compensation and benefits of its Executive Officers with the future growth and success of the Company and its Affiliates and with long-term shareholder value. The 2018 Equity Incentive Plan consists of 1,000,000 options (the "Options") to be exercised using a "Net-Exercise Mechanism," which entitles the recipients to exercise the Options for an amount of shares reflecting only the benefit factor. The Options were allocated, subject to the required approvals, to the Company's Israeli Executive Officers.

The exercise price of an option is determined in U.S dollars and is the higher of: (i) the average closing share price of an Elbit Systems ordinary shares on the TASE, during the period of thirty (30) trading days preceding the date on which the Company's Board of Directors approves the granting of the respective options, converted into U.S. Dollars by applying the average representative U.S. dollar - NIS exchange rate during such thirty (30) trading days period; or (ii) the closing share price of our ordinary shares on the TASE on the last trading date preceding the date on which the Company's Board of Directors approves the granting of the respective options, converted into the U.S. Dollars by applying the representative U.S. dollar - NIS exchange rate.

According to the 2018 Equity Incentive Plan, the options become vested and exercisable in accordance with the following vesting schedule:

- (1) Forty percent (40%) of the options are vested and exercisable from the second anniversary of the grant date;
- (2) An additional twenty percent (20%) of the options are vested and exercisable from the third anniversary of the grant date;
- (3) An additional twenty percent (20%) of the options are vested and exercisable from the fourth anniversary of the grant date; and
- (4) The remaining twenty (20%) of the options are vested and exercisable from the fifth anniversary of the grant date.

The options expire no later than 63 months from the date of grant.

As of December 31, 2019, there were 95,000 options available for future grants under the 2018 Equity Incentive Plan.

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 22 - SHAREHOLDERS' EQUITY (Cont.)

C. 2018 EQUITY INCENTIVE PLAN (Cont.)

The following is a summary of Elbit Systems' share option activity under the 2018 Equity Incentive Plan:

	2019		2018	
	Number of options	Weighted average exercise price	Number of options	Weighted average exercise price
Outstanding - beginning of the year	965,000	128.48	—	—
Granted	—	—	965,000	128.48
forfeited	(60,000)	128.91	—	—
Outstanding - end of the year	905,000	128.45	965,000	128.48

The aggregate intrinsic value represents the total intrinsic value (the difference between Elbit Systems' closing stock price on the last trading day of the fourth quarter of the applicable fiscal year and the exercise price, multiplied by the number of in-the-money options) that would have been received by the option holders had all option holders exercised their options on December 31, 2019. This amount changes, based on the market price of the Company's stock and the average exercise price of in-the-money options. Aggregate intrinsic value of outstanding options as of December 31, 2019, was \$23,943.

As of December 31, 2019, there was \$15,047 of total unrecognized compensation cost related to share-based compensation arrangements granted under Elbit Systems' stock option plan. That cost is expected to be recognized over a weighted average period of 4 years.

As of December 31, 2019, 899,932 options were expected to be vested at a weighted average exercise price of \$128.45 per share. The weighted average remaining contractual life of exercisable options as of December 31, 2019, is approximately 3.95, and their aggregate intrinsic value is zero.

D. OUTSTANDING OPTIONS AND COMPENSATION EXPENSES

The options outstanding as of December 31, 2019, have been separated into ranges of exercise prices, as follows:

Exercise price	Number of options	Options outstanding	
		Weighted average remaining contractual life (years)	Weighted average exercise price per share
\$121.42 - \$128.91	905,000	3.95	\$ 128.45

Compensation expenses related to the 2018 Equity Incentive Plan amounted to \$3,994 and \$1,387 for the years ended December 31, 2019 and 2018 respectively, which were recognized, as follows:

	Year ended December 31,	
	2019	2018
Cost of revenues	\$ 3,424	\$ 1,189
General and administration expenses	570	198
	\$ 3,994	\$ 1,387

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 22 - SHAREHOLDERS' EQUITY (Cont.)

E. COMPUTATION OF EARNINGS PER SHARE

Computation of basic and diluted net earnings per share:

	Year ended December 31, 2019			Year ended December 31, 2018			Year ended December 31, 2017		
	Net income to shareholders of ordinary shares	Weighted average number of shares (*)	Per Share amount	Net income to shareholders of ordinary shares	Weighted average number of shares (*)	Per Share amount	Net income to shareholders of ordinary shares	Weighted average number of shares (*)	Per Share amount
Basic net earnings	\$ 227,857	43,787	\$ 5.20	\$ 206,738	42,789	\$ 4.83	\$ 239,109	42,786	\$ 5.59
Effect of dilutive securities:									
Employee stock options	—	61		—	—		—	3	
Diluted net earnings	\$ 227,857	43,848	\$ 5.20	\$ 206,738	42,789	\$ 4.83	\$ 239,109	42,789	\$ 5.59

(*) In thousands.

F. 2018 PHANTOM BONUS RETENTION PLAN

In August 2018, the Company's Board of Directors approved a "Phantom Bonus Retention Plan" for Senior Officers, who are not Executive Officers (the "2018 Phantom Plan").

The 2018 Phantom Plan provides for phantom bonus units which entitle the recipients to receive payment in cash of an amount reflecting the "benefit factor", which is linked to the performance of Elbit Systems' stock price over the applicable periods (tranches) under the 2018 Phantom Plan. As of December 31, 2019, 1,333,850 phantom bonus units of the Plan were granted with a weighted average basic price per unit, as defined in the Plan, of \$141.20.

The benefit earned for each year of a tranche is the difference between the basic price and the closing price of the Company's share for that year, as defined in the 2018 Phantom Plan, not to exceed an increase of 100% in the Company's share price from the basic price of the first year of a tranche.

The Company recorded an amount of approximately \$9,595 and \$1,064, during the years ended December 31, 2019 and 2018, respectively, as compensation costs related to the phantom bonus units granted under the 2018 Phantom Plan, as follows:

	Year ended December 31,	
	2019	2018
Cost of revenues	\$ 5,530	\$ 598
General and administration expenses	2,447	277
Marketing and selling	1,618	187
	\$ 9,595	\$ 1,064

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 22 - SHAREHOLDERS' EQUITY (Cont.)**G. 2012 PHANTOM BONUS RETENTION PLAN**

In August 2012, the Company's Board of Directors approved a "Phantom Bonus Retention Plan" for Senior Officers (the "2012 Phantom Bonus Retention Plan"). In August 2013, the 2012 Phantom Bonus Retention Plan was extended to include other officers of the Company.

The 2012 Phantom Bonus Retention Plan provides for phantom bonus units which entitle the recipients to receive payment in cash of an amount reflecting the "benefit factor", which is linked to the performance of Elbit Systems' stock price over the applicable periods (tranches) under the Plan. There were no new grants during 2019 and 2018, under the 2012 Phantom Bonus Retention Plan.

The benefit earned for each year of a tranche is the difference between the basic price and the closing price of the Company's share for that year, as defined in the 2012 Phantom Bonus Retention Plan, not to exceed an increase of 100% in the Company's share price from the basic price of the first year of a tranche.

The Company recorded an amount of approximately \$1,858, \$2,628 and \$28,254 in the years ended December 31, 2019, 2018 and 2017, respectively, as compensation costs related to the phantom bonus units granted under the 2012 Phantom Bonus Retention Plan, as follows:

	Year ended December 31,		
	2019	2018	2017
Cost of revenues	\$ 426	\$ 985	\$ 10,199
General and administration expenses	1,160	1,225	13,948
Marketing and selling	272	418	4,107
	<u>\$ 1,858</u>	<u>\$ 2,628</u>	<u>\$ 28,254</u>

H. DIVIDEND POLICY

Dividends declared by Elbit Systems are paid subject to statutory limitations. Elbit Systems' Board of Directors has determined not to declare dividends out of tax exempt earnings.

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 23 - MAJOR CUSTOMER AND GEOGRAPHIC INFORMATION

The Company operates in one reportable segment (see Note 1 for a brief description of the Company's business).

A. REVENUES ARE ATTRIBUTED TO GEOGRAPHIC AREAS BASED ON LOCATION OF THE END CUSTOMERS AS FOLLOWS:

	Year ended December 31,		
	2019	2018	2017
North America	\$ 1,260,487	\$ 979,165	\$ 827,608
Asia-Pacific	1,029,635	791,821	670,490
Israel	1,064,789	740,232	741,873
Europe	853,656	737,051	763,963
Latin America	158,059	192,406	193,369
Other	141,774	243,009	180,522
	<u>\$ 4,508,400</u>	<u>\$ 3,683,684</u>	<u>\$ 3,377,825</u>

B. REVENUES ARE GENERATED BY THE FOLLOWING AREAS OF OPERATIONS:

	Year ended December 31,		
	2019	2018	2017
Airborne systems	\$ 1,617,243	\$ 1,470,082	\$ 1,272,075
C4ISR systems	1,161,480	1,130,092	1,144,789
Land systems	1,228,348	649,141	503,878
Electro-optic systems	374,359	333,855	341,215
Other (*)	126,970	100,514	115,868
	<u>\$ 4,508,400</u>	<u>\$ 3,683,684</u>	<u>\$ 3,377,825</u>

(*) Mainly non-defense engineering and production services.

C. MAJOR CUSTOMER DATA AS A PERCENTAGE OF TOTAL REVENUES:

	Year ended December 31,		
	2019	2018	2017
IMOD	15%	13%	19%

D. LONG-LIVED ASSETS BY GEOGRAPHIC AREAS:

	Year ended December 31,		
	2019	2018	2017
Israel	\$ 1,621,653	\$ 1,541,195	\$ 922,367
U.S.	501,985	245,865	147,255
Other	278,834	161,481	178,497
	<u>\$ 2,402,472</u>	<u>\$ 1,948,541</u>	<u>\$ 1,248,119</u>

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 24 - RESEARCH AND DEVELOPMENT, NET

	Year ended December 31,		
	2019	2018	2017
Total expenses	\$ 368,652	\$ 317,690	\$ 301,382
Less - grants and participations	(36,895)	(30,338)	(36,322)
	<u>\$ 331,757</u>	<u>\$ 287,352</u>	<u>\$ 265,060</u>

Note 25 - FINANCIAL EXPENSES, NET

	Year ended December 31,		
	2019	2018	2017
<u>Expenses:</u>			
Interest on long-term bank debt	\$ (13,854)	\$ (13,718)	\$ (2,779)
Interest on Series A Notes, net	(3,757)	(5,494)	(6,112)
Interest on short-term bank credit and loans	(10,576)	(9,073)	(8,432)
Guarantees	(10,600)	(9,027)	(7,105)
Loss from revaluation of lease liabilities and exchange rate differences, net	(24,607)	(3,362)	(4,487)
Other	(9,635)	(5,807)	(7,148)
	<u>(73,029)</u>	<u>(46,481)</u>	<u>(36,063)</u>
<u>Income:</u>			
Interest on cash, cash equivalents and bank deposits	1,595	1,115	751
Other	2,362	1,305	810
	<u>3,957</u>	<u>2,420</u>	<u>1,561</u>
	<u>\$ (69,072)</u>	<u>\$ (44,061)</u>	<u>\$ (34,502)</u>

Note 26 - OTHER INCOME, NET

	Year ended December 31,		
	2019	2018	2017
Pension non-service cost ⁽¹⁾	\$ (10,920)	\$ (3,794)	\$ (5,130)
Revaluation of investment ⁽²⁾	8,281	—	—
Impairment of investment ⁽³⁾	(3,692)	(7,807)	—
Other	88	152	48
	<u>\$ (6,243)</u>	<u>\$ (11,449)</u>	<u>\$ (5,082)</u>

(1) Pension non-service cost according to ASU 2017-07. See Note 2S.

(2) During 2019, the Company recognized gain as a result of revaluation of two of its investments in affiliated companies.

(3) During 2019, the Company recognized an impairment related to one of its investments (see Note 6C(1)). During 2018 the Company recognized an impairment related to two investments, an amount of approximately \$5,100 is related to impairment of an investment measured under the fair value option (see Note 6C(3)), and an amount of \$2,700 is related to an investment accounted under the cost method (see Note 1C(4)).

ELBIT SYSTEMS LTD. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

U.S. dollars (In thousands, except per share data)

Note 27 - RELATED PARTIES' TRANSACTIONS AND BALANCES

<u>Transactions:</u>	<u>Year ended December 31,</u>		
	<u>2019</u>	<u>2018</u>	<u>2017</u>
<u>Income -</u>			
Sales to related-party companies (*)	\$ 183,012	\$ 181,566	\$ 179,867
Participation in expenses	\$ 2,576	\$ 2,580	\$ 2,625
<u>Cost and expenses -</u>			
Supplies from related parties (**)	\$ 13,467	\$ 8,188	\$ 16,900

<u>Balances:</u>	<u>December 31,</u>	
	<u>2019</u>	<u>2018</u>
Trade receivables and other receivables (*)	\$ 73,076	\$ 103,035
Trade payables and advances (**)	\$ 23,518	\$ 33,868

The sales to the Company's related parties in respect of U.S. government defense contracts are made on the basis of cost.

(*) A significant portion of the sales and balances include sales of helmet mounted cueing systems purchased from the Company by a 50%-owned subsidiary of ESA.

(**) Includes mainly electro-optics components and sensors, purchased by the Company from a 50%-owned Israeli partnership, and electro-optics products purchased by the Company from another 50%-owned Israeli subsidiary.

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ELBIT SYSTEMS LTD. AND SUBSIDIARIES

Schedule II – Valuation and Qualifying Accounts

(In thousands of U.S. dollars)

Description	Column A	Column B	Column C	Column D	Column E
	Balance at Beginning of Period	Additions (Charged to Costs and Expenses)	Deductions (Write-Offs and Actual Losses Incurred)	Additions Resulting from Acquisitions	Balance at End of Period
Year ended December 31, 2019:					
Provisions for Losses on Long-Term Contracts (*)	118,672	41,359	29,320	—	130,711
Provisions for Claims and Potential Contractual Penalties and Others	8,541	851	4,606	—	4,786
Allowance for Doubtful Accounts	11,308	1,105	1,856	—	10,557
Valuation Allowance on Deferred Taxes	121,651	22	—	32,485	154,158
Year ended December 31, 2018:					
Provisions for Losses on Long-Term Contracts (*)	46,778	19,842	20,396	72,448	118,672
Provisions for Claims and Potential Contractual Penalties and Others	5,406	801	940	3,274	8,541
Allowance for Doubtful Accounts	9,585	1,548	1,813	1,988	11,308
Valuation Allowance on Deferred Taxes	7,326	1,401	473	113,397	121,651
Year ended December 31, 2017:					
Provisions for Losses on Long-Term Contracts (*)	83,348	14,149	50,719	—	46,778
Provisions for Claims and Potential Contractual Penalties and Others	4,484	1,186	264	—	5,406
Allowance for Doubtful Accounts	7,416	2,541	372	—	9,585
Valuation Allowance on Deferred Taxes	6,605	798	77	—	7,326

(*) An amount of \$34,120 and \$21,659 and \$22,690 as of December 31, 2019, 2018 and 2017, respectively, is presented as a deduction from inventories, and an amount of \$96,591 and \$97,013 and \$24,088 as of December 31, 2019, 2018 and 2017, respectively, is presented as part of other payables and accrued expenses.

March 2000

**RESTATED MEMORANDUM OF ASSOCIATION
OF
ELBIT SYSTEMS LTD.**

1. Name of Company: Elbit Systems Ltd.
2. Objectives of Company: To engage in any objective permitted by law.
3. Limitation of Shareholder Liability: Shareholder liability is limited to payment of the nominal (par) value of unpaid issued share capital.
4. Share Capital: The share capital of the Company is 80,000,000 New Israeli Shekels ("NIS"), divided into 80,000,000 ordinary shares par value 1 NIS per share, which shares are equal in rights.
5. Amendments to the Memorandum of Association: The shareholders, at a General Meeting, may amend this Memorandum of Association, in whole or in part, by a vote of a majority of sixty-seven percent (67%) of the shares voted at the General Meeting, not taking into account abstentions.

[End]

November 2011

**RESTATED ARTICLES OF ASSOCIATION
OF
ELBIT SYSTEMS LTD.**

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1. INTERPRETATION

(a) In these Articles of Association the following terms will have the meanings described below:

TERM	MEANING
(1) Administrative Proceeding	An administrative enforcement proceeding pursuant to Chapter H3, H4 or I1 of the Securities Law.
(2) Annual Meeting	The annual General Meeting.
(3) Articles	These Articles of Association, as may be amended from time to time.
(4) Audit Committee	The audit committee of the Board of Directors established according to these Articles and the Law.
(5) Board or Board of Directors	The Company's supervisory governing board appointed according to these Articles and the Law.
(6) Chairman of the Board of Directors	The chairman of the Board of Directors, appointed according to these Articles.
(7) Company	Elbit Systems Ltd.
(8) Companies Law	The [Israel] Companies Law - 1999, including any regulations and regulatory orders relating thereto, and any successor laws and regulations, as will be in effect from time to time.
(9) Director	A member of the Company's Board of Directors.
(10) Extraordinary Meeting	A General Meeting other than an Annual Meeting.
(11) General Meeting	A meeting of the Company's Shareholders convened according to these Articles and the Law.
(12) Independent Certified Accountants	The Company's independent certified accountants appointed according to these Articles and the Law.
(13) Internal Auditor	The Company's internal auditor appointed in accordance with these Articles and the Law.
(14) Law	The Companies Law and the Securities Law.
(15) NIS	New Israeli Shekels.

Shares nominal value NIS 1 per Share, which carry all ordinary rights Shareholders are entitled to under these Articles and the Law.

A personal interest of a person as defined in the Law.

The president and general manager of the Company appointed according to these Articles.

A person appointed, as provided in these Articles, by a Shareholder to vote or otherwise act on the Shareholder's behalf at a General Meeting.

A document issued by the Board of Directors to Shareholders soliciting the Shareholders to vote for a General Meeting.

The register of Shareholders, including any branch registers the Company may maintain, kept according to the Law.

The Company's registered office.

The Company's corporate secretary.

The [Israel] Securities Law - 1968 and any regulations and regulatory orders relating thereto, and any

successor laws and regulations, as will be in effect from time to time.

The Company's registered Share capital as authorized by its Memorandum of Association and these Articles.

Any person or entity that is the owner, according to these Articles and the Law, of a Share.

Proportional allocations to Shareholders of rights in the Company's Share Capital, whether Ordinary Shares or otherwise, according to these Articles and the Law.

A majority of at least sixty-seven percent (67%) of all votes properly cast at a General Meeting, without taking into account abstentions.

Shares that have been acquired, redeemed or otherwise received by the Company or a Company subsidiary and allocated by the Company to a reserve for future allocation or sale.

- (1) Uncertificated Shares Shares that are only recorded on a Register of Shareholders and are not represented by a Share certificate.
 - (2) Voting Instrument A written form for Shareholders to use, according to these Articles and the Law, in voting at General Meetings.
 - (3) Writing A handwriting, typewriting, facsimile, print, e-mail and any other legally recognized form of communication that can be read.
- (b) In these Articles, unless the context otherwise requires, expressions defined in the Law will have the meanings so defined. In addition, words importing the singular will include the plural, and vice versa. Words importing the masculine gender will include the feminine, and words importing persons will include companies, partnerships, associations and all other legal entities. Days, months and years refer to the Gregorian calendar.
- (c) In the event that an Article is revised or a new Article is added to these Articles, which contradicts an original Article, the revised or added Article(s) will take precedence.
- (d) In any place in these Articles that specifies the provisions will apply according or subject to the provisions of the Law and/or any other law, the intention is to provisions of the Law and/or of any other law that are not elective, unless the context requires otherwise.

2. PUBLIC COMPANY

The Company is a public company as defined in the Law. Therefore:

- (a) No limitations will apply to the transfer of its Shares.
- (b) The number of Shareholders is unlimited.
- (c) The Company may issue any form of its Shares or other securities to the public.
- (d) Liability of the Shareholders is limited to the payment of the nominal (par) value of the unpaid issued Share Capital of the Company.

3. PERMISSIBLE OBJECTIVES

- (a) The permissible objectives of the Company may include any objectives permitted by law.
- (b) The Company may contribute, from time to time, reasonable sums to worthy causes even if the cause is not within the specific scope of the Company's business.

4. NAME AND REGISTERED OFFICE

- (a) The name of the Company is Elbit Systems Ltd.
- (b) The Registered Office will be at such place in Israel as the Board of Directors will from time to time select.

5. SHARE CAPITAL

- (a) The Share Capital of the Company is NIS 80,000,000 (eighty million New Israeli Shekels) divided into 80,000,000 (eighty million) ordinary shares of NIS 1 nominal (par) value each.
- (b) The Company may, by a resolution of a Special Majority of Shareholders at a General Meeting:
 - (1) increase the Share Capital, including by classes of Shares, as the General Meeting may determine; or
 - (2) annul Share Capital that has not yet been issued, provided that the Company has no undertaking, including a provisional undertaking, to allot such Shares.
- (c) Subject to the provisions of the Law, the Company may, by a resolution of a majority of the Shareholders voting in a General Meeting without taking into account abstentions:
 - (1) consolidate all or part of the Shares and/or divide them into Shares of a greater par value than the par value of the existing Shares;
 - (2) split all or part of the Shares, by way of subdivision, into Shares of lesser par value than the par value of the existing Shares; or
 - (3) decrease the capital or any reserve fund from redemption of capital.
- (d) In executing any resolution adopted according to Article 5(c) above, the Board may, at its discretion, resolve any related issues.
- (e) Subject to any contrary decision in a General Meeting resolution authorizing an increase in Share Capital, any new Share Capital will be subject to the same provisions regarding payment of calls, liens, title, forfeiture, transfer and otherwise as apply to the original Share Capital. Such General Meeting resolution may also determine that the new Shares, or any part of them, will first be offered, at par value or at a premium, to all the existing Shareholders in proportion to the par value of their Shares or may determine other provisions with regard to the issuance and allotment of the new Shares. However, in the absence of such a determination in the General Meeting resolution, the Board may allot such Shares as provided in Article 6(a) below.
- (f) If as a result of a consolidation or split of Shares authorized under these Articles, fractions of a Share will stand to the credit of any Shareholder, the Board is authorized at its discretion, to act as follows:
 - (1) determine that fractions of Shares that do not entitle their owners to a whole Share, will be sold by the Company and that the consideration for the sale be paid to the beneficiaries, on terms the Board may determine;
 - (2) allot to every Shareholder, who holds a fraction of a Share resulting from a consolidation and/or split, Shares of the class that existed prior to the consolidation and/or split, in a quantity that, when consolidated with the fraction, will constitute a whole Share, and such allotment will be considered valid immediately prior to the consolidation or split;
 - (3) determine the manner for paying the amounts to be paid for Shares allotted in accordance with Article 5(f)(2) above, including on account of bonus Shares; and/or
 - (4) determine that the owners of fractions of Shares will not be entitled to receive a whole Share in respect of a Share fraction or that they may receive a whole Share with a different par value than that of the fraction of a Share.

6. SHARE RIGHTS

- (a) Subject to these Articles and to the terms of any General Meeting resolution creating new Shares, the allotment and issue of Shares will be as determined by the Board of Directors, who may allot and issue such Shares to persons on terms and conditions and at times as determined by the Board of Directors, including the allotment of bonus Shares.
- (b) Each Ordinary Share will entitle its owner to receive notices of, to attend and to cast one vote at a General Meeting.
- (c) The rights granted to Shareholders of any class of Shares issued with preferred or other rights will not, unless specifically provided by the terms of issue of the Shares of that class, be deemed to be

changed by the creation or issue of other Shares of the same rank.

- (d) Unless otherwise provided for by the terms of issuance of a particular class of Shares, the Company may create or change rights, preferences, restrictions and provisions related to one or more of the classes of Shares, after receipt of the consent in writing of all Shareholders of the affected class, or a resolution passed at a General Meeting of such class, approved by a Special Majority of the Shareholders of the affected class. These Articles will apply, as applicable, to every such separate General Meeting of a class.
- (e) Treasury Shares will not carry voting or dividend rights while they remain in the Company's Treasury Share reserve. Conversion of Treasury Shares into Ordinary Shares or Ordinary Shares into Treasury Shares will be subject to approval of the Board of Directors and any applicable provisions of the Law.
- (f) The rights applicable to any Shares, whether in the original Share Capital or any increased Share Capital, may be changed according to the terms of these Articles.

7. SHARE REGISTER AND SHARE CERTIFICATES

- (a) The Company will maintain a Register of Shareholders according to the Law. The Company may maintain one or more branch registers of Shareholders, in Israel or another jurisdiction, which will be considered as part of the Register.
- (b) No person will be recognized by the Company as holding any Share under a trust unless he is so registered in the Register according to applicable provisions of the Law.
- (c) The Company will not be bound by or required to recognize, even when having notice, any right or interest in any Share other than rights or interests of the Shareholder duly registered in the Register or otherwise proven in accordance with these Articles and the Law.
- (d) Every person whose name duly appears as a Shareholder in the Register or who otherwise establishes proof of ownership in accordance with these Articles and the Law, upon written request, will have the right without payment to receive, within two (2) months after allotment or registration of transfer (unless the conditions of allotment or transfer provide for a longer period), a stamped certificate for all the Shares registered in his name. The certificate will specify the number of Shares for which it is issued. However, in case of joint Shareholders the Company will not be required to issue more than one certificate to all the joint Shareholders. Delivery of a certificate to any of the joint Shareholders will be sufficient delivery to all. Every certificate will be signed by a Director and countersigned by the Secretary or some other person nominated by the Board of Directors for that purpose. The Company may withhold the issue of Share certificates for Shares not fully paid up. In the case of Uncertificated Shares, within a reasonable time after the issuance or transfer of Uncertificated Shares, the Company or its agent shall send to the registered owner thereof a written notice containing the information required to be set forth or stated on a Share certificate, including restrictions or limitations on the transfer, registering or voting of such Shares.
- (e) If any Share certificate, or written evidence of ownership of Uncertificated Shares, as applicable, will be defaced, worn out, destroyed or lost, it may be renewed following production of any evidence, provision of any indemnity and payment of any of the Company's out of pocket expenses as the Board of Directors will require. In case of defacement or wearing out, renewal will require delivery of the old certificate or written evidence of ownership of Uncertificated Shares, as applicable.
- (f) The Company may destroy Share certificates or written evidence of ownership of Uncertificated Shares, as applicable, which have been canceled if at least seven (7) years have passed from the cancellation date. The Company may also destroy Share transfer forms or certificates or written evidence of ownership of Uncertified Shares if at least seven (7) years have passed from the Share transfer date.

8. SHARE WARRANTS, OPTIONS AND DEBENTURES

The Company may issue from time to time Share warrants, options on Shares, debentures and similar forms of securities. The price, terms and conditions of any such securities will be determined by the Board of Directors.

9. LIEN ON SHARES

- (a) The Company will have a lien on every Share for all moneys, whether currently payable or not, called or payable in respect of that Share. However, the Board of Directors may at any time declare any Share to be wholly or partly exempt from the provisions of this Article. The Company's lien, if any, on a Share will extend to all dividends payable on that Share.
- (b) The Company may sell any Shares on which it has a lien at such time and manner as will be determined by the Board of Directors. However, if some sum on which there is a lien is currently payable, no sale will be made until fourteen (14) days after sending a notice in writing to the registered Shareholders, demanding payment of such sum and giving notice of the Company's intention to sell in default. To give effect to any such sale, the Board of Directors may authorize transfer of the Shares sold to the purchaser who will be registered as the holder of the Shares. The Company will receive the net proceeds of the sale which will be applied in payment of the sum then payable on the lien. The balance of the sale proceeds, if any, will be paid to the person holding the Shares immediately before the sale, subject to any lien for sums that were not currently payable for the Shares before the sale.

10. REDEEMABLE SHARES AND WARRANTS

Subject to the applicable provisions of the Law, the Company may issue and redeem redeemable preference Shares and redeemable warrants.

11. CALLS ON SHARES; FORFEIT OF SHARES

- (a) The Board of Directors may, in its discretion, from time to time authorize the amount and manner of the consideration to be given to the Company for Shares. The Board may also make calls on Shareholders for any moneys unpaid on their Shares. Each Shareholder will be liable to pay the amount of every call so made on him to the persons and at the times, places and installments specified by the Board. A call may be revoked or postponed as the Board may determine.
- (b) A call will be considered to have been made at the time the Board of Directors approves the resolution authorizing such call.
- (c) The joint Shareholders of a Share will be jointly and severally liable for the payment of all calls and related installments.
- (d) The Board of Directors may, at its discretion, authorize receipt of advances from any Shareholder relating to future calls on Shares. The Board may authorize interest to be paid as may be agreed with the advancing Shareholder.
- (e) Any sum that, by the terms of a Share, is payable on the Share's allotment or at any fixed date, will be considered to be a call duly made and payable on the date fixed for payment. In case of non-payment of such sum, the relevant provisions of these Articles will apply as if such sum were a call duly made and notified according to these Articles.
- (f) The Board of Directors may, on the issue of Shares, differentiate between the Shareholders as to the amount of calls to be paid and the times of payment.
- (g) If any Shareholder fails to pay all or part of any call or installment of a call on or before the day appointed for such payment, the Board of Directors may serve a notice on such Shareholder. The notice will require payment of the amount remaining unpaid together with interest, at such rate as the Board will determine, and any expenses that may have accrued by reason of such non-payment. The notice will name a date, not less than fourteen (14) days from the date of the notice, on or before

which such call or installment, and all interest and expenses that have accrued by reason of such non-payment are to be paid. It will also name the place where payment is to be made, and will state that in the event of non-payment on or before the time and at the place appointed, the Shares for which such call was made will be liable to be forfeited. If the requirements of any such notice are not met, any Share for which such notice has been given may, before the payment required by the notice has been made, be forfeited by a resolution of the Board to that effect. A forfeiture of Shares will include all dividends applicable to the Shares not actually paid before the forfeiture, even if the dividend has been declared.

- (h) When any Shares have been forfeited in accordance with these Articles, notice of the forfeiture will be promptly given to the Shareholder or to the person entitled to the Shares by transmission, as the case may be. An entry of such notice having been given and of the date of the forfeiture of the applicable Shares will be made in the Register. However, a forfeiture will not be invalid due to not giving such notice or making such entry in the Register.
- (i) Following a forfeiture, the Board of Directors may, at any time before the forfeited Share has been otherwise disposed of, revoke the forfeiture on terms determined by the Board.
- (j) Every forfeited Share may be sold or reallocated or otherwise disposed of, to any other person, on such terms as the Board of Directors may determine. Any forfeited Share held by the Company will be considered as a Treasury Share.
- (k) A person whose Shares have been forfeited will remain liable to pay to the Company all calls made and not paid on such Shares at the time of forfeiture, and interest thereon to the date of payment, in the same manner in all respects as if the Shares had not been forfeited. He will also remain liable to satisfy any claims and demands which the Company might have enforced regarding the Shares at the time of forfeiture, without any deduction or allowance for the value of the Shares at the time of forfeiture. However, if the Company chooses to sell the forfeited Shares then the net consideration accepted by the Company for such Shares will be deducted from the amount the person whose Shares have been forfeited is liable to pay the Company.
- (l) The forfeiture of a Share will cause the extinction at the time of forfeiture all claims and demands against the Company regarding the Share, and all other rights and liabilities relating to the Share as between the forfeiting Shareholder and the Company, except as provided by law.
- (m) A written declaration, that the declarant is a Director and that a Share has been duly forfeited according to these Articles and stating the date of forfeiture, will be conclusive evidence of the facts stated in the declaration against any persons claiming to be entitled to the forfeited Shares. Such declaration, together with the Company's receipt for the consideration, if any, given for the forfeited Shares on their sale or disposition, and a duly signed Share certificate, or in the case of Uncertificated Shares, proper written transfer or forfeit instructions, delivered to the purchaser will constitute good title to the Shares. Such purchaser will be registered as the holder of the Shares.

12. TRANSFER OF SHARES

- (a) Subject to the restrictions in these Articles, Shares will be transferable. Every transfer must be in writing in any usual or common form, or in such other form as the Board of Directors may from time to time approve. The written form of transfer will be delivered to the Registered Office, accompanied by a true copy of the certificate of the Shares, or written evidence of ownership of the Uncertificated Shares, as applicable, to be transferred, and any other evidence as the Board may require to prove the title of an intending transferor.
- (b) The written form of transfer of a Share will be executed both by the transferor and the transferee. The transferor will be considered to remain the Shareholder until the name of the transferee is entered in the Register for the applicable Shares.
- (c) The Board of Directors may decline to register any transfer of Shares, which have not been fully paid up.

- (d) The Board of Directors may determine a fee to be charged for registration of a transfer.
- (e) The registration of transfers may be suspended at such times and for such periods as the Board of Directors may determine, not to exceed thirty (30) days in any calendar year.

13. TRANSMISSION OF SHARES ON DEATH, BANKRUPTCY OR DISSOLUTION

- (a) In the case of death, bankruptcy or dissolution of a Shareholder, that Shareholder's rightful successor in interest will be entitled to the Shareholder's Shares by transmission as provided in this Article.
- (b) If a deceased Shareholder was a joint Shareholder, his surviving joint Shareholder will be the successor in interest. If a deceased Shareholder was a sole Shareholder, or has no surviving joint Shareholders, the executors or administrators of the deceased, or in their absence the legally declared heirs, will be recognized by the Company as the successor in interest to the Shares. If the Shareholder was a legal entity declared bankrupt or otherwise declared dissolved, then its legally recognized successor in interest will be recognized by the Company as receiving title to the applicable Shares.
- (c) Nothing in these provisions will release the estate of a deceased Shareholder from any liability for any Shares held by the deceased Shareholder.
- (d) Any person becoming entitled to a Share in consequence of a Shareholder's death, bankruptcy or dissolution may, upon producing such evidence of title as the Board of Directors will require, be registered himself as a holder of the Share, or subject to provisions regarding transfers of Shares, transfer the same to some other person.
- (e) A person entitled to a Share by transmission will be entitled to receive, and may give a release for, any dividends or other moneys payable for the Share. However, he will not have the right to receive notices of, or to attend or vote at General Meetings or, except as provided above, to exercise any of the rights or privileges of a Shareholder unless and until he becomes a Shareholder of the applicable Shares.

14. REGISTRATION OF COMPANY SECURITIES FOR TRADING ON SECURITIES EXCHANGES

The Board of Directors may authorize Shares or any other duly authorized Company securities to be registered for trading on securities exchanges in Israel and/or in other jurisdictions.

15. BORROWING POWERS

The Board of Directors may, from time to time, at its discretion, determine a framework of credit or a specific sum the Company may raise or borrow or secure the payment of such credit or sum for Company purposes. The Board may authorize securing the repayment of such sum in such manner and terms as it may decide. This may include the issue of debentures or similar instruments of the Company secured by all or any part of the present and future property of the Company, including its then existing uncalled Share Capital.

16. DIVIDENDS AND RESERVES

- (a) The Board of Directors may approve dividends to be paid from time to time to the Shareholders according to the Shareholders' respective rights and may fix the record date and time for payment. The dividend will be reported to the next Annual Meeting.
- (b) Subject to any preferential or limited rights to receive dividends, all dividends will be declared and paid according to the amounts paid or credited as paid on the applicable Shares. All dividends will be apportioned and paid proportionately to the amounts paid or credited as paid on the Shares. However, a Share may be issued on terms providing that it will qualify for dividends only from a particular date.
- (c) No dividend will be paid other than out of surplus earnings as permitted by the applicable provisions of the Law relating to capital preservation and allocation. However, the Company may request a court to allow it to pay dividends under other terms permitted by the Law.

- (d) Dividends will be paid to Shareholders recognized by the Company in accordance with Article 7(c) above, at the time the dividend is declared, as the Shareholders for the Shares for which the dividend has been declared.
- (e) Notice of the declaration of any dividend, whether interim or otherwise, will be given to the entitled Shareholders in the manner described in these Articles for notices to Shareholders.
- (f) Unless otherwise directed by the Board of Directors, any dividend may be paid by check, warrant or bank transfer to the registered address of the person entitled, or in case of joint Shareholders to the one of them first named in the Register regarding the joint holding. The receipt of the person whose name on the date of the dividend declaration appears on the Register as the owner of any Share, or in the case of joint Shareholders, of anyone of such joint Shareholders, will be a good discharge to the Company of all payments made for such Share. All dividends unclaimed for up to seven (7) years after having been declared may be invested or otherwise used as directed by the Board for the benefit of the Company until claimed. After such time the Company will have no obligation to pay the unclaimed dividend. No unclaimed dividend or interest will bear interest against the Company.
- (g) The Board of Directors may deduct from any dividend payable to any Shareholder all sums of money, if any, then payable by him to the Company on account of calls or otherwise in relation to the Company Shares.

17. CAPITALIZATION OF RESERVES

- (a) The Board of Directors may, from time to time, direct the setting aside out of the profits of the Company and the allocation to reserves of such sums as the Board may decide. All sums allocated to any such reserve will, at the discretion of the Board, be applicable for:
 - (1) meeting contingencies;
 - (2) the liquidation of any debt or liability of the Company;
 - (3) maintaining any properties of the Company;
 - (4) meeting losses on realization of, or writing down, investments (either individually or in the aggregate);
 - (5) equalizing or paying dividends or bonus Shares; or
 - (6) any other purpose to which Company profits may be properly applied.
- (b) All sums allocated to a reserve may, pending any other applications authorized by these Articles, be invested together with any other Company funds in the ordinary course of business and without it being necessary to distinguish between the investments of the reserves and investments of the other moneys of the Company or between investments of reserves of different types.
- (c) The Board of Directors may direct establishment of a capital reserve account and apply such account in any manner authorized by these Articles or by law.
- (d) Subject to any legal requirements, the General Meeting may at any time pass a resolution that any sum be capitalized, provided that it is:
 - (1) not required for the payment or provision of any fixed preferential dividend;
 - (2) not then allocated to any reserve fund or reserve account of the Company, including premiums received on the issue of any Shares, debentures or similar Company securities; and
 - (3) undivided net profit held by the Company.
- (e) If a resolution as provided in Article 17(d) above is passed, the resolution will also provide that such sum be available for distribution and be appropriated as capital to the Shareholders in the proportion in which they would have been entitled to receive dividends and in such manner as the resolution may direct.
- (f) In accordance with the specific resolution adopted according to Articles 17 (d) and (e) above, the Board of Directors will apply such sum in paying up in full any unissued Shares in the Share Capital

of the Company on behalf of the Shareholders. The Board will direct appropriation of such Shares and then distribution credited as fully paid up proportionally among such Shareholders in satisfaction of their Shares and interests in the capitalized sum. Alternatively, the Board will direct application of all or part of such sum on behalf of such Shareholders in paying up all or part of any uncalled balance that will then be unpaid regarding any issued Shares held by such Shareholders, or otherwise deal with such sum as directed by such resolution. Where difficulty arises in connection with any such distribution, the Board may resolve the matter as it sees fit.

18. CONVENING OF GENERAL MEETINGS

- (a) General Meetings will be held at least once in every calendar year at the time and place, and with an agenda, as may be determined by the Board of Directors. Shareholders representing at least one percent (1 %) of the Company's voting power may request the Chairman of the Board to add appropriate items to a General Meeting agenda. Each such annual General Meeting will be called an "Annual Meeting", and any other Shareholders' meeting will be called an "Extraordinary Meeting".
- (b) Each Annual Meeting will take place no later than fifteen (15) months after the previous Annual Meeting, but no later than the end of the applicable calendar year. The Board may convene an Extraordinary Meeting whenever it finds it necessary.
- (c) The Board of Directors will convene an Extraordinary Meeting on receipt of a written request from any of:
 - (1) two (2) Directors or twenty-five percent (25%) of the total number of, Directors;
 - (2) one (1) or more Shareholders, holding at least five percent (5%) of the issued Share Capital and at least one percent (1%) of the Shareholders' voting power; or
 - (3) one (1) or more Shareholders holding no less than five percent (5%) of the Company's issued voting Shares.
- (d) An Extraordinary Meeting requested under Article 18(c) above will be convened within fifty-six (56) days of submission of the Board's receipt of a proper written request to convene an Extraordinary Meeting. If the Board of Directors fails to convene such meeting within such time, then, the required Extraordinary Meeting may be convened, in the same manner as for other Extraordinary Meetings, by any of the Directors and/or by Shareholders (representing at least one-half of such Shareholders' voting rights), who requested the convening; provided it is convened no later than three (3) months after submission of the written request to the Board.
- (e) The Board of Directors will establish a record date in accordance with the requirements of the Law for Shareholders entitled to receive notice of and vote at a General Meeting.
- (f) A written notice of the convening of a General Meeting will be given, as required by the Law, at least twenty-one (21) days in advance. The notice will specify the place, date and time of the Meeting as well as other requirements specified in the Law. The place of the meeting will be in Israel. The date of any Extraordinary Meeting convened under Article 18(c) above will be not later than thirty-five (35) days after the date of the notice.

19. PROCEEDINGS AT GENERAL MEETINGS

- (a) No business will be transacted at any General Meeting unless a quorum is present. The quorum at any General Meeting, except an Extraordinary Meeting convened in accordance with Article 18(c) above, will be at least two (2) Shareholders present in person, by Proxy or by a Voting Instrument and holding or representing between them at least one-third (1/3) of the issued voting Shares.
- (b) If within one-half (1/2) hour from the time appointed for the holding of a General Meeting a quorum is not present, the meeting will be adjourned to the same day, time and place in the next week, or to such other day, time and place as will be determined by
- (c) 15the Board of Directors by notice to the Shareholders. If at such adjourned meeting a quorum is

not present within one-half (1/2) hour from the time appointed for holding the adjourned meeting, then two (2) Shareholders representing at least ten percent (10%) of the Shareholders' voting power, present in person, by Proxy or by a Voting Instrument will be a quorum.

- (d) If the General Meeting adjourned is an Extraordinary Meeting convened in accordance to Article 18 (c) above, then no business will be transacted at such adjourned Extraordinary Meeting unless a quorum is present comprised of:
 - (1) one (1) or more Shareholders holding no less than five percent (5%) of the issued Share Capital and one percent (1%) of the voting power of the Company; or
 - (2) one (1) or more Shareholders holding no less than five percent (5%) of the issued voting Shares.
- (e) Except as provided in these Articles and the Law, all business transacted at a General Meeting will be decided by a resolution adopted by a simple majority of the votes cast at the General Meeting, not taking into account abstentions.
- (f) The Chairman of the Board of Directors, will preside at any General Meeting, but if there will be no such Chairman, or if at any General Meeting he will not be present within fifteen (15) minutes after the time appointed for holding the meeting, or is unwilling to act as chairman, the Shareholders present will choose any Director to act as chairman of the meeting. If no Director is present, or if all the Directors present decline to take the chair, the Shareholders present will choose a Shareholder present to be chairman of the meeting.
- (g) The Chairman may, with the consent of any General Meeting at which a quorum is present, (and will if so directed by the meeting) adjourn the meeting from time to time and from place to place. Whenever a General Meeting is adjourned for twenty-one (21) days or more, notice of the adjourned General Meeting will be given in the same manner as for the original General Meeting. No Shareholder will have the right to any other notice of an adjournment or of the business to be transacted at any adjourned General Meeting other than the business which might have been transacted at the original General Meeting which was adjourned.

20. VOTING AT GENERAL MEETINGS; VOTING INSTRUMENTS

- (a) Subject to the applicable record date and any rights or restrictions then existing for a particular class of Shares, each Shareholder will have the right to vote who is present at a General Meeting either personally, by a Voting Instrument in such cases as required or permitted under the Law for voting by Voting Instrument, or by Proxy. A Shareholder may vote in respect of only part of his Shares, and he may vote in different ways in respect to portions of his Shares.
- (b) The vote may be by show of hands, by secret ballot, by Voting Instrument or by any other manner authorized by the Board of Directors consistent with the Law. A Shareholder will have one (1) vote for each Share held by him. However, unless otherwise determined by the Board, no Shareholder will be permitted to vote at a General Meeting or to appoint a Proxy to so vote unless he has paid all calls for payment and all moneys due to the Company from him with respect to his Shares.
- (c) A Proxy present at a General Meeting will have the same rights as a Shareholder with respect to voting at a General Meeting. A Proxy need not to be a Shareholder.
- (d) The vote of the senior of any joint Shareholders, whether in person, by Voting Instrument or by Proxy, will be accepted to the exclusion of the votes of other joint Shareholders. For the purpose of these Articles, seniority will be determined by the order in which the names appear in the Register.
- (e) An objection to a Shareholder's or a Proxy's right to vote in a General Meeting must be raised at the applicable meeting or adjourned meeting where that person was supposed to vote. The chairman of the meeting will decide whether to accept or reject any objection raised at the proper time regarding the vote of a Shareholder or Proxy, and the chairman's decision will be final. Every vote not disqualified as provided above will be valid for all matters at the General Meeting.

- (f) A Shareholder that is a corporation or other form of legal entity will have the right to appoint a person to be its representative at any General Meeting. Such appointment must be authorized in writing by the Board of Directors, president or general manager or similar body of such entity. The representative so appointed will have the right to exercise on behalf of the entity he represents all the powers that the entity itself might perform in connection with the General Meeting.
- (g) A Shareholder who has been declared legally incompetent or has otherwise had a legally appointed guardian, may, following a proof of appointment of a legal guardian or similar representative, vote at a General Meeting through such guardian or representative, whether in person, by Voting Instrument or by Proxy.
- (h) A vote by Proxy or a Voting Instrument will be considered valid even if there has been the death or declaration of incompetence of the appointee/signatory or the cancellation of the Proxy appointment or Voting Instrument or expiration of a Proxy appointment or Voting Instrument in accordance with any law, or the transfer of the Shares for which the Proxy appointment or Voting Instrument was given, unless the Company receives at the Registered Office, prior to a General Meeting, a written notice as specified below. For a Voting Instrument or Proxy appointment that has been provided to the Company for a specific General Meeting to be considered invalid, a written notice of cancellation of a Voting Instrument or Proxy appointment must be duly signed by the applicable Shareholder specifying the applicable Shares, the name of the Shareholder, legal representative or successor in interest and nature of the event invalidating the Proxy appointment or Voting Instrument. In the event of voting by a secret ballot or by Voting Instrument, a notice canceling the appointment of a Proxy will be valid if it is signed by the appointee/signatory and received at the Registered Office no later than one (1) hour before beginning the vote.
- (i) A Shareholder will have the right, where permitted or required by provisions of the Law relating to Voting Instruments, to vote by a Voting Instrument as an alternative to voting in person or by Proxy. In all applicable cases, the Voting Instrument will be sent to Shareholders before the applicable General Meeting no later than the time required in the Law.
- (j) A Shareholder has the right to vote by a separate Proxy with respect to each Share held by him, provided that each Proxy will have a separate letter of appointment containing the serial number of the Shares for which the Proxy is entitled to vote. If a specific Share is included in more than one (1) letter of appointment, then no Proxy will have the right to vote such Share.
- (k) An instrument appointing a Proxy which is not limited in time will expire twelve (12) months after the date of its execution. If the appointment is for a limited period, even if more than twelve (12) months, the instrument will be considered valid for the period specified in the instrument.
- (l) A Voting Instrument, letter of appointment of a Proxy, power of attorney or other instrument relating to voting at a General Meeting must be in writing. The form of the Voting Instrument or the form of appointing a Proxy will be in any appropriate form as may be determined by the Board of Directors. The signature of the appointor or voting Shareholder will be confirmed by a lawyer, notary, bank or in any other manner acceptable to the Board. The original or a copy of such confirmed instrument will be delivered to the Registered Office, or at such other place in Israel or abroad as the Board may direct from time to time, at least twenty-four (24) hours before the time appointed for the applicable original or adjourned General Meeting. Otherwise, that person will not be entitled to vote that Share through the instrument.

21. PROXY STATEMENTS

- (a) Subject to the applicable provisions of the Law, the Board of Directors, and in the case of a General Meeting in accordance with Article 18(c) above those Directors and Shareholders entitled to convene such meeting, may solicit the Shareholders by a written Proxy Statement in order to persuade the Shareholders regarding their vote in a General Meeting. The Proxy Statement will be distributed by the Company, at its own expense together, with the Voting Instrument, if any, relating to that General

Meeting.

- (b) The persons authorized to distribute Proxy Statements under Article 21(a) above may send additional Proxy Statements, similarly distributed, in response to any other solicitations forwarded to the Shareholders in connection with a General Meeting.

22. ROLE AND COMPOSITION OF THE BOARD OF DIRECTORS

- (a) The Board of Directors will determine the policies of the Company and oversee the performance of the duties of the President. The duties of the Board will include, among others, any mandatory Board responsibilities specified in the Law. The Board will have all residual powers not granted under these Articles or by law to any other Company body.
- (b) The General Meeting may assume powers granted under these Articles or by Law to the Board of Directors. However, any decision to assume such powers must specify the matters and time period (which shall not be longer than the period required under the circumstances) for which such powers are assumed.
- (c) The number of Directors comprising the Board will be at least five (5) and not more than seventeen (17). Until otherwise determined by the Board or at a General Meeting, the number of Directors will be nine (9). The Board will include at least two (2) External Directors in accordance with the requirements of the Law. A Director need not to be a Shareholder. The President may serve as a Director in accordance with Article 27(c) below.
- (d) The compensation to the Directors will be approved at a General Meeting. The Directors will be entitled to be reimbursed for reasonable expenses incurred by them in carrying out Company business.
- (e) No Director, other than an External Director, will be disqualified due to holding any office in the Company or any affiliated entity of the Company other than the office of Internal Auditor or Independent Certified Accountant. A Director may also contract with the Company or an affiliated entity of the Company either as vendor, purchaser or otherwise, whether on his own behalf or as a director or representative of another entity. No such holding of office by a Director or such contract entered into by or on behalf of the Company in which a Director will be in any way interested will be voided, nor will any Director be liable to account to the Company for any profit arising from any such office, or contract by reason only of such Director holding that office or of the fiduciary relations so established.
- (f) A Director, other than an External Director, need not be a resident of the State of Israel.

23. ELECTION, APPOINTMENT AND REMOVAL OF DIRECTORS

- (a) Directors (except for External Directors who will be elected in accordance with Article 24 below) will be elected annually by the Shareholders at the Annual Meeting. Directors will hold office until the conclusion of the next Annual Meeting or until their earlier removal or resignation. However, if no Directors are elected at an Annual Meeting, then the persons who served as Directors immediately prior to the Annual Meeting will continue to serve as Directors unless otherwise determined by the Annual Meeting or by the Board. Except as provided in Article 24 below regarding External Directors, Directors will be eligible for re-election.
- (b) A person nominated by the Board of Directors may be elected at the Annual Meeting or a General Meeting to the office of Director. However, a Shareholder entitled to vote at that Annual Meeting or General Meeting may nominate a candidate for Director by submitting a written notice to the Company at the Registered Office, no later than seven (7) days after the date notice is given of the meeting, signed by the Shareholder of his intention to propose at that meeting a candidate for Director to which is attached the written consent and resume of such nominee.
- (c) The Chairman of the Board of Directors will be appointed by the Board of Directors. Such Director will serve as Chairman of the Board of Directors until he ceases to hold the office of Director or until he is replaced by the Board of Directors.

- (d) The Board of Directors will have the power to appoint additional Directors, if the current number of Directors is less than nine (9) or other maximum number approved at a General Meeting or by the Board. Any Director so appointed will hold office until the conclusion of the next Annual Meeting, unless he is removed or resigns earlier. A Director will state the reasons for his resignation.
- (e) If the number of Directors is reduced below nine (9) or any other number that may be determined by the Board or a General Meeting, and until additional Directors are elected or appointed so that the number of Directors is nine (9) or such other number so determined by the Board or a General Meeting, the Board may continue to act.
- (f) Subject to the terms of any applicable agreement, a Director will be removed if he:
 - (1) becomes bankrupt or enters into similar status;
 - (2) becomes deceased or is declared legally incompetent;
 - (3) resigns his office by notice in writing given to the Company; or
 - (4) is removed by a resolution of a General Meeting.
 - (5) Is no longer qualified to serve as a Director due to other reasons specified in the Law.
- (g) A Director may appoint a substitute director in his place. A substitute Director must be qualified under the Law to serve as a substitute Director, and if his appointment is for more than one meeting it will be subject to the approval of the Board. Such person may not act as a substitute Director for more than one (1) Director at the same time. The same rules, including compensation, will apply to a substitute Director as to the Director who appointed him, and the substitute Director may participate in Board and Board committee meetings in the same manner as the Director who appointed him. Subject to the Law, a Director who has appointed a substitute Director may revoke the appointment at any time. In addition, the office of a substitute Director will be vacated at any time that the office of the Director who appointed the substitute is vacated for any reason. Any appointment or revocation of the appointment of a substitute Director will be made by notice in writing to the substitute Director and the Company. The appointment or revocation, as the case may be, will become effective on the later of the date of receipt of the above notice or the date fixed in the notice.

24. EXTERNAL DIRECTORS

- (a) The Board of Directors will include at least two (2) External Directors complying with the qualifications described in the Law.
- (b) An External Directors will be appointed by a majority vote at a General Meeting, provided that:
 - (1) The majority vote at the General Meeting will include a majority of the total number of the votes of the Shareholders who are not controlling Shareholders and who do not have a Personal Interest in the approval of the appointment (other than Personal Interest which is not the result of an affiliation of such shareholder with the controlling Shareholder) voting at the meeting. For the purposes of this Article, abstentions will not be taken into consideration in counting the total number of the aforesaid Shareholders; and
 - (2) The total number of the votes against the resolution appointing an External Director from among the shareholder referred to in paragraph (1) above, is not more than two percent (2%) of the overall voting rights in the Company.
- (c) The compensation and indemnification of expenses of External Directors will be in accordance with the applicable provisions of the Law.
- (d) An External Director will be appointed for a period of three (3) years and his office may be extended by a resolution of the General Meeting in accordance with the applicable provisions of the Law, for two additional periods of three (3) years each, and thereafter for additional periods of up to three (3) years each or such other period as may be permitted by and in accordance with the requirements of the Law. An External Director may be removed from his office only in accordance with the applicable provisions of the Law.

25. BOARD OF DIRECTORS MEETINGS

- (a) The Board of Directors may meet, adjourn and otherwise regulate its meetings as it sees fit. However, the Board will meet at least once every three (3) months. Unless otherwise determined by the Board, the quorum for a Board meeting will be not less than half (1/2) of the then number of Directors.
- (b) Questions arising at any Directors' meeting will be decided by a majority of votes cast at the meeting. In cases of an equality of votes the Chairman of the Board will not have a second or casting vote.
- (c) Each Director will receive reasonable prior notice of a Board meeting. Such notice may be given by any means of communication as determined by the Secretary, including, among others, telephone or e-mail. Such notice will include the time and location of the meeting and a reasonable description of the meeting's agenda.
- (d) At the request of a Director, the Secretary will at any time summon a meeting of the Board. Reasonable advance notice of the time, place and agenda of each Board meeting will be given to each Director. In urgent circumstances, a majority of the Directors may waive such notice requirement.
- (e) Directors may participate in a Board meeting or a Board committee meeting by means of a telephone conference or other communications media, provided that all participating Directors can hear each other simultaneously. Participation by such means will be considered as presence in person at a meeting.
- (f) All acts done bona fide by any meeting of the Board or of a committee of the Board or by any person acting as a Director will be valid, even if it is later discovered that there was some defect in the appointment of any Director, or that any Director was disqualified.
- (g) The Board of Directors will cause proper minutes to be made of all General Meetings and of the proceedings of all meetings of Board of Directors and Board committee meetings. Such minutes purporting to be signed by the chairman of such meeting, or by the chairman of the next succeeding meeting, will be considered conclusive evidence of the facts stated in the minutes.

26. COMMITTEES OF THE BOARD OF DIRECTORS

- (a) Subject to the applicable provisions of the Law regarding matters that the Board may not delegate to a committee, the Board of Directors may delegate any of its powers to committees consisting of at least three (3) Directors, including at least one (1) External Director. Any committee so formed will in the exercise of its powers conform to any directions given to it by the Board.
- (b) The Board of Directors may appoint a chairman for any committee, subject, if applicable, to qualification requirements of the Law. If no chairman is appointed by the Board of Directors for a particular committee, then such a committee may elect a chairman. If no such chairman is elected, or if at any meeting the chairman is not present within fifteen (15) minutes after the time appointed for holding the meeting, the committee members present may choose a committee member to be chairman of the meeting. Unless otherwise specifically directed by the Board of Directors or otherwise provided by the Law, the meetings and proceedings of any committee will be governed as applicable by the provisions in these Articles for regulating the meetings and proceedings of the Board.
- (c) A committee may meet and adjourn as its members may determine. Questions arising at any meeting will be determined by a majority of votes of the members present. In case of an equality of votes, the chairman of a committee will not have a second or casting vote.
- (d) The Board of Directors will appoint an Audit Committee composed of at least three (3) Directors qualified under the Law and under all other applicable laws, regulations and rules to serve on the Audit Committee including all External Directors. The Audit Committee will act under a charter issued by the Board and according to the requirements of the Law and all other applicable laws, regulations and rules.
- (e) The Board of Directors will appoint any additional committees if required under the Law and subject to the applicable requirements of the Law.

- (f) A resolution in writing signed by the Chairman of the Board and the Secretary will serve as evidence of a resolution passed at a duly convened meeting of the Board of Directors.

27. PRESIDENT

- (a) Subject to these Articles and the Law, the Board of Directors will from time to time appoint a President for such period, on such terms and with such powers as the Board may determine. The compensation of the President may be by salary or any other consideration as determined by the Board.
- (b) A President will be subject to the provisions of any contract between him and the Company, the terms of which will be approved by the Audit Committee (or by the Compensation Committee of the Board, subject to qualification requirements as applicable under the provisions of the Law) and by the Board of Directors.
- (c) The President may hold, while he is President, the office of a Director, if he is elected or appointed in accordance with the provisions of these Articles. If so elected the President is subject to the same provisions regarding resignation, removal and compensation as the other Directors. In regard to his position as President, the President will be appointed as provided in Article 27(a) above and may be removed by the Board of Directors. If he ceases to hold the office of President for any reason and at that time he serves as a Director, he will immediately cease to be a Director, unless otherwise determined by the Board of Directors. In any case, if the President does not serve as a Director, he will be entitled to attend any Board meeting.
- (d) Subject to the supervision of the Board of Directors, the President may exercise all managerial and executive powers of the Company and do on behalf of the Company all acts as may be exercised and done by the Company and that are not by the Law or by these Articles required to be exercised or done by other Company bodies. No resolution made by a General Meeting will invalidate any prior act of the President that would have been valid if such resolution had not been made.
- (e) Subject to applicable provisions of the Law and the specific or general approval of the Board, the President may delegate any of his powers to another person.
- (f) The Board of Directors may assume powers granted under these Articles or by law to the President, provided that such decision to assume power specifies the matters and time period (which shall not be longer than the period required under the circumstances) for which such powers are assumed.

28. SECRETARY

The Board of Directors may appoint a Secretary of the Company on any terms the Board may determine, subject to the Law. The Board may also from time to time appoint an acting Secretary, who will be considered as the Secretary during the term of his appointment.

29. SIGNATURE AUTHORITY

The Company's signature authority will be in accordance with a signature authority procedure approved by the Board of Directors. The Board may also, from time to time, appoint any individual to sign on behalf of the Company for a particular matter. All checks, bank transfers, negotiable instruments and similar documents will be signed in accordance with the Company's signature authority procedure.

30. ACCOUNTS

- (a) The Board of Directors will cause the Company's books of accounts to be kept in accordance with legal requirements. The books of account will be kept at the Registered Office and will be open to the inspection of the Board of Directors and, as required by the Law, of the Shareholders.
- (b) The Company will issue financial statements as required by the Law and other applicable laws. The issued financial statements will be available for inspection by the Board of Directors and Shareholders at the Registered Office during regular office hours.

31. INDEPENDENT CERTIFIED ACCOUNTANTS

- (a) The Company will appoint Independent Certified Accountants at a General Meeting. The Independent Certified Accountants will hold office until the end of the next Annual Meeting. However, the Shareholders at a General Meeting may remove the Independent Certified Accountants or extend the term of appointment for up to three (3) years.
- (b) The fee of the Independent Certified Accountants for audit and non-audit services will be set and approved by the Board of Directors after receipt of the recommendations of the Audit Committee or the Financial Statements Review Committee to be determined by the Board of Directors), to be provided to the Board within a reasonable time before the Board's approval and reported to the next Annual Meeting.

32. INTERNAL AUDITOR

- (a) (a) The Board of Directors, upon the recommendation of the Audit Committee, will appoint an Internal Auditor for the Company. Within the organizational structure of the Company the Internal Auditor will report to the President. The Internal Auditor may only be removed or replaced in accordance with the applicable provisions of the Law.
- (b) The Internal Auditor will submit a yearly audit plan for the approval of the Audit Committee. The Internal Auditor will also submit a yearly account of his findings to the Chairman of the Board of Directors, the President and the chairman of the Audit Committee.

33. NOTICES

- (a) A notice to a Shareholder may be served as a general notice to all Shareholders, by publication in a daily Hebrew newspaper appearing in Israel. The date of such newspaper publication will be considered as the date of service on all the Shareholders. The Board of Directors may also decide that notice be served on each Shareholder individually to his registered address by hand, by mail or by any other form of media or transmission permitted by law, to the registered address of each Shareholder, provided that such delivery and date thereof can be reasonably verified and recorded. A notice served on a Shareholder by mail will be considered as duly served the day after it was placed in the mail.
- (b) A notice to joint Shareholders may be given by the Company only to the Shareholder named first in the Register for the applicable Shares.
- (c) The Board of Directors may authorize other methods of notice to Shareholders that are consistent with the Law.
- (d) Notices of General Meetings will contain the information required by the Law.

34. INSURANCE, INDEMNITY AND EXEMPTION

- (a) Subject to the provisions of the Law, the Company may exempt in advance or retroactively, any Director or Company officer from any liability to the Company attributed to damage or loss caused by breach of the Director's or officer's duty of care owed to the Company.
- (b) Subject to the provisions of the Law, the Company may procure directors' and officers' liability insurance in respect of liability or payment, imposed on a Director or Company's officer as a result of an act carried out by him in his capacity as a Director or Company officer, with respect to each of the following:
 - (1) breach of duty of care by any Director or Company officer owed to the Company or any other person;
 - (2) breach of fiduciary duty by any Director or Company officer owed to the Company, provided that such Director or Company officer acted in good faith and had a reasonable basis to assume that the action would not harm the interests of the Company; or
 - (3) a financial obligation imposed on a Director or Company officer in favor of another person;

or

- (4) a payment which a Director or Company officer is obligated to pay to an injured party as set forth in section 52(54)(A)(1)(A) of the Securities Law; or
 - (5) expenses incurred by a Director or a Company officer in connection with an Administrative Proceeding, including reasonable legal expenses, which term includes lawyer's fees; or
 - (6) any other event for which director or officer liability insurance is or may be permitted.
- (c) Subject to the provisions of the Law, the Company may undertake in advance or retroactively to indemnify a Director or Company officer in respect of a liability, payment or expense as detailed in Article 34(d) below, imposed on him or incurred by him as a result of an act carried out in his capacity as a Director or Company officer.
- (d) An indemnity, as provided in Article 34(c) above, may be issued in respect of a liability, payment or expense as follows:
- (1) a monetary liability imposed on the Director or Company officer or paid by him in favor of a third party under a judgment, including a judgment by way of compromise or a judgment of an arbitrator approved by a court; provided, however, that in case such undertaking is granted in advance it will be limited to events which, in the Board's opinion, are foreseeable in light of the Company's actual activities at the time of granting the obligation to indemnify, and to a sum or criteria as the Board deems reasonable under the circumstances, and the undertaking to indemnify will specify the aforementioned events and sum or criteria;
 - (2) a payment imposed on a Director or a Company officer in favor of an injured party as set forth in section 52(54)(A)(1)(A) of the Securities Law (as amended);
 - (3) reasonable litigation expenses, including lawyer's fees, incurred by a Director or a Company officer as a result of an investigation or procedure conducted against him by an authority authorized to conduct such investigation or procedure, provided that such investigation or procedure (i) concludes without the filing of an indictment against the Director or Company officer and without imposition of a monetary payment in lieu of criminal proceedings, or (ii) concludes with imposing on the Director or Company officer monetary payment in lieu of criminal proceedings, provided that the alleged criminal offense in question does not require proof of criminal intent or incurred by a Director or Company officer in connection with a monetary sanction imposed by Law;
 - (4) expenses incurred by a Director or a Company officer in connection with an Administrative Proceeding, including reasonable legal expenses, which term includes lawyer's fees; or
 - (5) reasonable litigation expenses, including lawyers' fees, expended by the Director or Company officer or imposed on him by the court for:
 - (a) proceedings issued against him by or on behalf of the Company or by a third party;
 - (b) criminal proceedings from which he was acquitted; or
 - (c) criminal proceedings in which he was convicted of an offense that does not require proof of criminal intent; or
 - (d) any other liability or expense for which it is or may be permissible to indemnify a Director or a Company officer.
- (e) Subject to the provisions of the Law, the Company may issue an undertaking in advance or retroactively to indemnify any person, including a Director or a Company officer, who acts or acted on behalf of or at the request of the Company as a director or officer of another company in which the Company, directly or indirectly, is a shareholder, or in which the Company has any other interest. Such indemnity will be in respect of a liability, payment or expense as detailed in Article 34(d) above, imposed on him or incurred by him as a result of an act carried out by him in his capacity as a director or officer of the other company.
- (f) Subject to the provisions of the Law:
- (1) The Company may indemnify any employee or representative of the Company, who is not a

Director or a Company officer, for any liability or expense paid or imposed on him in his capacity as a Company employee or representative in any legal proceedings, due to an act carried out by him in good faith in his capacity as Company employee or representative. However, such indemnity may not be given for a criminal indictment in which he was convicted in an offense that requires proof of criminal intent and the convicting judgment was not reversed on appeal or cannot be issued for an appeal.

- (2) The Company may issue an undertaking in advance to indemnify a Company employee or representative, who is not a Director or Company officer, or to indemnify him retroactively for any monetary liability imposed or that may be imposed on him in favor of any third party in respect of an act carried out by him in good faith in his capacity as a Company employee or representative.
- (g) Subject to the provisions of the Law, nothing in these Articles will limit the Company, in any manner, in entering into an agreement of liability insurance, or in granting an exemption or indemnification in respect of:
- (1) a Director or Company officer, or a director or officer of another company as provided in Article 34(e) above, to the extent that the insurance, exemption or indemnity is not prohibited by law; or
 - (2) any person who is not a Director or Company officer, or a director of another company as provided in Article 34(e) above, including but not limited to employees and representatives of the Company or such other company.
- (h) Notwithstanding the above, any indemnification granted by the Company under this Article 34 shall not exceed 25% (twenty-five percent) of the Company's shareholders equity of the Company according to the most recent Company consolidated financial statements prior to the date of the indemnification payment.

35. RECONSTRUCTION AND WINDING-UP

- (a) If the Company will be wound up voluntarily the liquidators may, with the approval of a Special Majority of the Shareholders voting at a General Meeting, divide among the Shareholders any part of the Company's assets. Such approval may also vest any part of the Company's assets to trustees under trusts for the benefit of the Shareholders as the liquidators may determine.
- (b) On any sale of the Company or its assets through a liquidation or winding-up, a Special Majority of the Shareholders voting at a General Meeting may authorize the Board of Directors or liquidators to:
 - (1) accept fully or partly paid up Shares, debentures, or other Company securities, whether registered in Israel or other jurisdictions, whether existing or contingent, for the purchase in whole or in part of Company property and, if the profits of the Company permit, distribute such Shares, securities or any other Company property among the Shareholders without requiring their realization, or vest the same in trustees for them; and/or
 - (2) distribute or appropriate the Company's cash, Shares, other securities, benefits or property for the valuation of any such securities or property as so approved at the General Meeting. In such case, all Shareholders will be bound to accept any valuation on distribution so authorized, and will waive all rights in relation to such valuation, except where otherwise required by law.

36. AMENDMENTS TO ARTICLES

These Articles may be amended, in whole or in part, by a Special Majority of the Shareholders voting at a General Meeting.

DESCRIPTION OF SECURITIES

At December 31, 2019, Elbit Systems Ltd. (“Elbit Systems,” “we” or the “Company”) had one class of securities registered pursuant to Section 12 of the Securities Exchange Act of 1934, as amended: ordinary shares of NIS 1 nominal (par) value each. Under our Articles of Association, 80,000,000 of our ordinary shares are authorized, of which 44,202,088 such ordinary shares were issued and outstanding as of March 15, 2020. All issued and outstanding ordinary shares are fully paid and non-assessable (except as provided below under “Calls on Shares”). The ordinary shares are registered for trading on the NASDAQ Global Select Market and on the Tel Aviv Stock Exchange under the trading symbol ESLT.

Capitalized terms used but not defined herein shall have the meanings given to them in the Annual Report on Form 20-F.

This Exhibit sets forth a description of our ordinary shares and certain provisions of our Articles of Association which are summaries and are qualified in their entirety by reference to the full text of our Restated Articles of Association, which is filed as Exhibit 1.2 to this Annual Report on Form 20-F (referred to hereafter as our “Articles of Association”).

Israeli Companies Registrar. We are an Israeli corporation with limited liability, registered with the Israeli Companies Registrar. The registration number issued to us by the Companies Registrar is 52-004302-7.

The Companies Law and Restated Articles of Association. The Companies Law is the basic corporation law governing Israeli publicly and privately held companies. The Companies Law mandates that specific provisions be included in an Israeli company’s articles of association, which are included in our Articles of Association.

Purpose. Our purpose, as stated in Article 3 of our Articles of Association, includes any objective permitted by law, and, in addition, Article 3 permits us to contribute reasonable amounts other worthy causes.

Transfer of Shares. Our ordinary shares are issued in registered form and may be freely transferred unless the transfer is restricted or prohibited by another instrument, applicable law (including the Israeli Defense Entities Law as defined below), or the rules of a stock exchange on which the shares are listed for trade.

Board of Directors. The Israel Companies Law and our Articles of Association generally give our Board of Directors the authority to exercise all the Company’s powers. Under our Articles of Association, our directors are elected by the shareholders at the annual meeting by a simple majority of our ordinary shares. Directors (other than our External Directors, described below) generally hold office until the next annual general meeting of shareholders. Under certain circumstances, our Board may appoint new directors to fill vacancies. Our Articles of Association authorize a maximum of 17 directors, a minimum of five directors and, unless otherwise approved by our shareholders, the number of directors will be nine.

External Directors. Under the Companies Law, publicly held Israeli companies are required to elect at least two “External Directors” each of whom must have certain expertise and, for a publicly held company such as Elbit Systems that is considered to have a controlling shareholder, must meet certain requirements to ensure that he or she is not affiliated with the controlling shareholder. According to the Companies Law and our Articles of Association, our External Directors serve for a three-year term following which they may stand for up to two additional terms of three years each, and thereafter for additional periods of up to three (3) years each as may be permitted by law. At present, we have three External Directors on our Board, and their terms of office expire in different years. In addition to a simple majority of our ordinary shares voted at the meeting, election of an External Director requires that (i) such majority includes a majority of votes of non-controlling Shareholders who do not have a “Personal Interest” (except for Personal Interest that does not result from such shareholder’s relations with the controlling shareholder) in the approval of the respective resolution (disregarding abstentions) or (ii) the total number of shares of the shareholders referred to in (i) above that are voted by non-controlling shareholders against the election of the External Director does not exceed two percent (2%) of the overall voting rights in the Company.

Rights Generally Applicable to Ordinary Shares

Each ordinary share entitles its owner to receive notices of, to attend and to cast one vote for each matter considered at, a general meeting of shareholders. Our Articles of Association do not grant shareholders any rights to share in our profits other than through dividends. Subject to Israeli law, dividends may be declared by our Board and paid to the shareholders according to their respective rights. All dividends unclaimed for up to seven (7) years after having been declared may be invested or otherwise used as directed by the Board for the benefit of Elbit Systems until claimed. After the lapse of such time, the Company will have no obligation to pay the unclaimed dividend. In the event that we were to go into liquidation, any surplus remaining after the payment of liabilities would be distributed to the shareholders in proportion to the amount paid by each shareholder on account of the nominal value of the shares paid, disregarding any premiums paid in excess of the nominal value.

Calls on Shares. Our Board may make calls upon shareholders in respect of sums unpaid on their shares (*i.e.*, any excess of the nominal value over the amount paid to the corporation upon issuance of the share). Our Articles of Association contain no provisions that discriminate against any existing or future shareholder as a result of the number of shares such shareholder holds, but votes of our controlling shareholders may not be counted for certain resolutions such as the appointment of External Directors.

A change of Elbit Systems' share capital, by way of increasing the share capital, creation of new shares or cancellation of unissued registered shares (if there is no undertaking to allot such shares), requires a change to our Memorandum of Association and Articles of Association and as such generally requires the vote of a special majority of 67% of the votes (excluding abstentions) of the shareholders participating in a general meeting of shareholders (a "Special Majority").

If at any time our share capital is divided into different classes of shares, we may change the rights of shareholders by way of a resolution at a general meeting of shareholders, subject to the consent in writing of all shareholders of the class whose rights are being impaired by the proposed change or subject to the adoption of a resolution by a Special Majority of the general meeting of the shareholders of such class, all of which would be subject to other terms if and as provided by the terms of issuance of a particular class of shares.

Our ordinary shares do not have pre-emptive rights.

Subject to the applicable provisions of the Companies Law, Elbit Systems may issue and redeem redeemable preference shares and redeemable warrants.

Also, under the Companies Law, each shareholder has a duty to act in good faith in exercising his or her rights and fulfilling his or her obligations toward the company and other shareholders and to refrain from abusing his or her power in the company, such as in certain shareholder votes. In addition, specified shareholders have a duty of fairness toward the company. These shareholders include any controlling shareholder (as described below), any shareholder who knows that it possesses the power to determine the outcome of a shareholder vote and any shareholder who, pursuant to the provisions of the articles of association, has the power to appoint or to prevent the appointment of an office holder or has any other power, beyond that of other shareholders, with respect to the company.

General Meetings of Shareholders

An annual general meeting of our shareholders must be held once in each year and not later than 15 months after the preceding annual general meeting.

Any general meeting that is not an annual general meeting is defined as an extraordinary general meeting. All shareholders of record are entitled to attend any annual or extraordinary general meeting and vote at general meetings in person, by a voting instrument, by proxy or through the Israeli Securities Authority's electronic voting system. Notice of an annual or extraordinary general meeting may be sent by us by personal delivery or by sending it by prepaid registered mail. Such notice may also be sent by facsimile, email or other electronic means provided confirmation is made by registered mail as stated above, and should be sent to shareholders at the address in our records.

Our Board may convene an extraordinary general meeting when and as it sees fit. In addition, the Board must, according to the Companies Law, convene an extraordinary general meeting if it receives a demand to do so from either: (i) at least two directors; (ii) at least one quarter of the members of the Board; or (iii) one or more shareholders who hold: (A) an aggregate of at least 5% of our issued share capital and at least 1% of all voting rights; or (B) at least 5% of the Company's issued voting shares, and in such case the extraordinary meeting must be held not more than 56 days from the submission date of such request to the Board and not later than 35 days from the applicable notice to shareholders described below. Any demand by a person or persons, as described in (i), (ii) and/or (iii) of this paragraph, who demands that an extraordinary general meeting be convened, must be made

in writing and sent to our registered office, which is Elbit Systems Ltd., Advanced Technology Center, Haifa 3100401, Israel.

Subject to the provisions of our Articles of Association, as well as applicable law and regulations, including applicable laws and regulations of any stock market on which our shares are listed, notice of an annual general meeting and of an extraordinary general meeting must be sent at least 21 days (and in some cases at least 35 days) in advance to all shareholders recorded in our shareholders registry. Further, under our Articles of Association, a notice to Shareholders may also be served by publication in a daily Hebrew newspaper appearing in Israel. Such notice must include the place, date and hour of the meeting, the agenda for the meeting, the proposed resolutions and instructions for proxy voting.

The quorum required for a meeting of shareholders, except in the case of certain extraordinary meetings convened in special circumstances, consists of at least two shareholders present in person or by proxy or other voting instrument and holding or representing between them at least one-third of the voting power. The chair of our Board generally presides at our shareholders' meetings. A meeting adjourned for lack of a quorum will be adjourned to the same day in the following week, at the same time and place, or to the day, time and place that the Board determines, with notice to the shareholders. At the reconvened meeting, if a quorum is not present within one-half hour from the time appointed for holding the adjourned meeting, the required quorum then is two shareholders, present in person or by proxy or other voting instrument, representing at least 10% of the voting power. Nasdaq Listing Rule 5620(c) provides that a company listed on the Nasdaq Global Select Market should have a quorum requirement for shareholder meetings of at least one-third of the company's outstanding common voting stock. As described above, our general quorum requirement is consistent with the Nasdaq Listing Rule. However, in the case of an adjourned meeting, our Articles of Association, consistent with what is permissible under the Companies Law, provide for a 10% quorum requirement.

In general, subject to the Companies Law, ordinary resolutions in a general meeting require approval of a majority of the votes cast at the general meeting, whether in person or by proxy, without taking into account abstentions. For information as to the required majority for the approval of related party transactions, see "Provisions Relating to Major Shareholders" below. However, under our Memorandum of Association and Articles of Association, certain resolutions require a special majority of at least 67% of all votes properly cast at a general meeting, without taking into account abstentions.

Change of Control

Subject to certain exceptions, the Companies Law provides that a merger of two companies requires approval both by the board of directors and by the shareholders of each of the merging companies, and with respect to a target company whose share capital is divided into more than one class, the approval of each class of shares. In approving a merger, the board of directors must determine that there is no reasonable expectation that, as a result of the merger, the surviving company will not be able to meet its obligations to its creditors. An Israeli court may, upon the request of a creditor, order to enjoin or delay the merger if there is an expectation that the surviving company will not be able to meet its obligations to the creditors of the merging companies. A court may also issue other instructions for the protection of creditors' rights in connection with a merger. In addition, a merger may not be completed unless at least (i) 50 days have passed from the time that the requisite proposal for the merger has been filed by each party with the Israeli Registrar of Companies, and (ii) 30 days have passed since the merger was approved by the shareholders of each party.

Under the Companies Law, an acquisition of shares in a public company must be made by means of a tender offer to all shareholders if, as a result of the acquisition, the purchaser would hold 25% or more of the company's voting rights (where no other shareholder holds 25% or more) or 45% or more of the company's voting rights (where no other shareholder holds 45% or more). This rule does not apply to certain events set forth in the Companies Law, including a purchase of shares by way of a "private offering" in certain circumstances provided under the Companies Law. The tender offer may be consummated only if (i) at least 5% of the company's voting rights will be acquired; and (ii) the majority of the offerees who responded to the offer accepted the offer, excluding offerees who are controlling shareholders of the offeror, offerees who hold 25% or more of the voting rights in the company or who have a Personal Interest in accepting the tender offer, or anyone on their behalf or on behalf of the offeror including the relatives of or corporations controlled by these persons. For information regarding Israeli law applicable to acquisition of Israeli "defense entities" see "Approval of Israeli Defense Acquisitions" below.

Approval of Israeli Defense Acquisitions

The Israeli Defense Entities Law (Protection of Defense Interests), 5766 - 2006 (the "Israeli Defense Entities Law") establishes conditions for the approval of an acquisition or transfer of control of an entity that is determined to be an Israeli "defense entity" under the terms of the law. Designation as a "defense entity" is to occur through an order to be issued jointly by the Israeli Prime Minister, Defense Minister and Economy Minister. Although no such order for Elbit Systems has been issued to date, we believe that Elbit Systems and most of our Israeli subsidiaries will be designated as "defense entities" under the Israeli Defense Entities Law and that the Israeli Government will issue such an order to us and to our relevant subsidiaries. As a condition to our acquisition

from the Israel Government in November 2018 of IMI Systems Ltd. (“IMI”), the Israeli Government issued an order that requires Israeli Government approval in the event of a sale of a controlling interest in IMI. Under separate regulations, Elbit Systems and our major Israeli subsidiaries have been designated as “defense entities” by the Defense Minister with respect to Israeli law governing various other aspects of defense security arrangements. Orders to be issued under the Israeli Defense Entities Law will also establish other conditions and restrictions. It is anticipated that in the case of a publicly traded company such as Elbit Systems, Israeli government approval will be required for acquisition of 25% or more of the voting securities or a smaller percentage of shares that grant “means of control.” Means of control for purposes of the law include the right to control the vote at a shareholders’ meeting or to appoint a director. Orders relating to defense entities are also anticipated to, among other matters: (1) impose restrictions on the ability of non-Israeli resident citizens to hold “means of control” or to be able to “substantially influence” defense entities; (2) require that senior officers of defense entities have appropriate Israeli security clearances; (3) require that a defense entity’s headquarters be in Israel; and (4) subject a defense entity’s entering into international joint ventures and transferring certain technology to the approval of the Israel Ministry of Defense.

Provisions Relating to Major Shareholders

We are required by law to maintain a separate registry of shareholders that hold 5% or more of either our issued shares or voting rights.

Under the Companies Law, certain disclosure requirements as to “Personal Interests” (see “Item 10. Additional Information - Approval of Certain Transactions - Personal Interest and Extraordinary Transactions” under this Annual Report on Form 20-F) apply to each controlling shareholder of a public company. In this regard, a controlling shareholder is a shareholder who has the ability to direct the activities of a company, including a shareholder that holds 25% or more of the voting rights if no other shareholder owns more than 50% of the voting rights in the company, but excluding a shareholder whose power derives solely from his or her position as a director of the company or any other position with the company. “Personal Interest” means a personal benefit, gain or other interest (other than a benefit arising solely from holding a company’s shares) derived by the shareholder (or certain relatives or related entities) from approving an act or transaction on behalf of the corporation.

Except for certain specified exemptions under the Companies Law, audit committee approval is required for extraordinary transactions, as defined by criteria established by the audit committee, with a controlling shareholder or in which a controlling shareholder has a Personal Interest, including a private offering in which the controlling shareholder has a Personal Interest, and an engagement of a public company with a controlling shareholder or his or her Relative, directly or indirectly, including through a company controlled by such person, regarding the grant of services to the applicable company (and regarding his or her employment terms if the controlling shareholder is an employee of the company but he or she is not an Office Holder). If the controlling shareholder is an Office Holder, his or her employment terms must be approved by the compensation committee, the board of directors and the shareholders of the company, in that order. Such shareholder approval requires a Special Uninterested Majority.

In addition, the Companies Law requires that, except for certain exemptions, transactions with a controlling shareholder whose terms are for a period of more than three years must be re-approved in same manner for every three-year period.

For information regarding shareholders’ duty to act in good faith and duty of fairness, see “Rights Generally Applicable to Ordinary Shares” above.

Borrowing Power

Our Articles of Association grant broad powers to the Board to have us borrow, repay borrowings, make guarantees and grant security interests in borrowings.

Exchange Controls and Other Limitations Affecting Security Holders

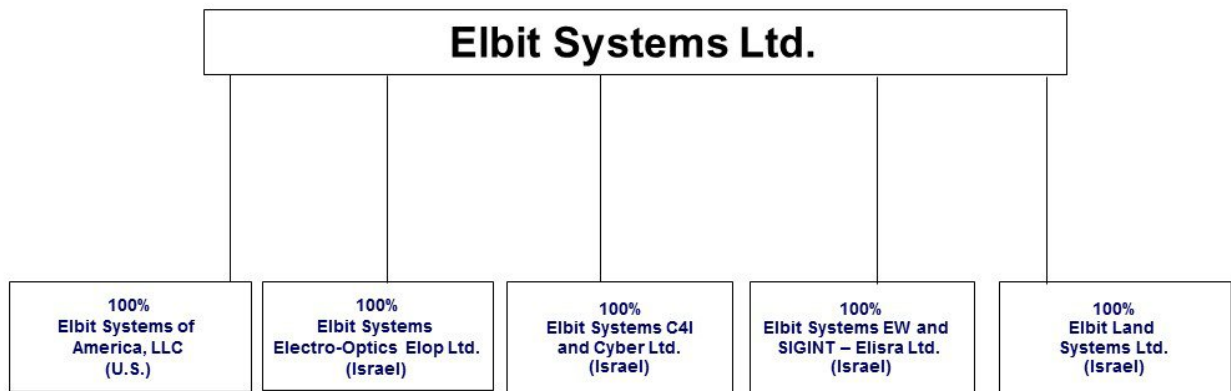
No limitations exist or are imposed by Israeli law or our constituent documents with regard to the rights of non-Israeli shareholders or shareholders not resident in Israel to hold or exercise voting rights except for shareholders who are subjects of countries that are enemies of the State of Israel. For a description of Israeli regulations relating to acquisitions of a controlling interest in Israeli “defense entities” see “Approval of Israeli Defense Acquisitions” above.

There are currently no Israeli currency control restrictions on payments of dividends or other distributions with respect to our ordinary shares or the proceeds from the sale of the shares or the proceeds from the sale of the shares. Our Memorandum of Association and Articles of Association do not restrict the ownership of ordinary shares by non-residents of Israel. Neither the Memorandum of Association and Articles of Association nor Israeli law restrict the voting rights of non-residents.

Amendment of Articles of Association

Our Articles of Association may be amended, in whole or in part, with by a Special Majority of our shareholders (see “Rights Generally Applicable to Ordinary Shares” above).

Major Operating Subsidiaries of Elbit Systems Ltd.



**Certification by Chief Executive Officer Pursuant to Section 302 of the
Sarbanes-Oxley Act of 2002**

I, Bezhalel Machlis, certify that:

1. I have reviewed this annual report on Form 20-F of Elbit Systems Ltd.
2. Based on my knowledge, this annual report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this annual report.
3. Based on my knowledge, the financial statements, and other financial information included in this annual report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this annual report.
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

- b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

March 25, 2020

By: /S /BEZHALEL MACHLIS
Bez halel Machlis
President and Chief Executive Officer
(Principal Executive Officer)

**Certification by Chief Financial Officer Pursuant to Section 302 of the
Sarbanes-Oxley Act of 2002**

I, Joseph Gaspar, certify that:

1. I have reviewed this annual report on Form 20-F of Elbit Systems Ltd.
2. Based on my knowledge, this annual report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this annual report.
3. Based on my knowledge, the financial statements, and other financial information included in this annual report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this annual report.
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the period covered by this annual report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

- b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

March 25, 2020

By: /S / JOSEPH GASPAR
Joseph Gaspar
Executive Vice President and Chief
Financial Officer
(Principal Financial and Accounting
Officer)

**CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the annual report on Form 20-F of Elbit Systems Ltd. (the “Company”) for the year ended December 31, 2019 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), the undersigned, Bezhael Machlis, Chief Executive Officer (Principal Executive Officer) of the Company, certifies, pursuant to 18 U.S.C. sec. 1350, as adopted pursuant to sec. 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company.

March 25, 2020

By: /S / BEZHAEL MACHLIS
Bezhael Machlis
Chief Executive Officer
(Principal Executive Officer)

**CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the annual report on Form 20-F of Elbit Systems Ltd. (the “Company”) for the year ended December 31, 2019 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), the undersigned, Joseph Gaspar, Chief Financial Officer (Principal Financial and Accounting Officer) of the Company, certifies, pursuant to 18 U.S.C. sec. 1350, as adopted pursuant to sec. 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and result of operations of the Company.

March 25, 2020

By: /S / JOSEPH GASPAR
Joseph Gaspar
Chief Financial Officer
(Principal Financial and Accounting Officer)

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the Registration Statement on Form S-8 (No. 333-223785) pertaining to the 2018 Equity Incentive Plan for Executive Officers of Elbit Systems Ltd. of our reports dated March 25, 2020, with respect to the consolidated financial statements and schedule of Elbit Systems Ltd. and the effectiveness of internal control over financial reporting of Elbit Systems Ltd. included in this Annual Report on Form 20-F for the year ended December 31, 2019, filed with the Securities and Exchange Commission.

By: /s/ Kost Forer Gabbay & Kasierer
Kost Forer Gabbay & Kasierer
A member of Ernst & Young Global

Tel-Aviv, Israel, March 25, 2020

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in the Registration Statement on Form S-8 (No. 333-223785) of Elbit Systems Ltd. of our report dated March 15, 2019 relating to the financial statements of IMI Systems Ltd., which appears in the Annual Report on Form 20-F of Elbit Systems Ltd. dated March 19, 2019.

By: /s/ Kesselman & Kesselman

Kesselman & Kesselman
A member firm of
PricewaterhouseCoopers
International Limited

Tel-Aviv, Israel, March 25, 2020

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the registration statement (No. 333-223785) on Form S-8 of Elbit Systems Ltd. of our report dated March 12, 2019, with respect to the consolidated balance sheet of Ashot Ashkelon Industries Ltd. as of December 31, 2018, and the related consolidated statements of income, shareholders' equity, and cash flows for the month ended December 31, 2018, and the related notes (collectively, the "consolidated financial statements"), not included herein, which report appears in the Annual Report on Form 20-F of Elbit Systems Ltd. dated March 19, 2019.

By: /s/ Somekh Chaikin
 Somekh Chaikin
 Certified Public Accountants (Israel)
 A member firm of KPMG International

Tel-Aviv, Israel, March 25, 2020
