## 2017 Investor Conference New York, NY

**December 5, 2017** 



This presentation consists of L3 Technologies, Inc. general capabilities and administrative information that does not contain controlled technical data as defined within the International Traffic in Arms (ITAR) Part 120.10 or Export Administration Regulations (EAR) Part 734.7-11.

### **Forward-Looking Statements**

Certain of the matters discussed in these slides, including information regarding the company's 2017 and 2018 financial guidance are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. All statements other than historical facts, may be forward-looking statements, such as "may," "will," "should," "likely," "projects," "financial guidance," "expects," "anticipates," "intends," "plans," "believes," "estimates," and similar expressions are used to identify forward-looking statements. The company cautions investors that these statements are subject to risks and uncertainties many of which are difficult to predict and generally beyond the company's control that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. Some of the factors that could cause actual results to differ include, but are not limited to, the following: our dependence on the defense industry; backlog processing and program slips resulting from delayed awards and/or funding from the Department of Defense (DoD) and other major customers; the U.S. Government fiscal situation; changes in DoD budget levels and spending priorities; U.S. Government failure to raise the debt ceiling; our reliance on contracts with a limited number of customers and the possibility of termination of government contracts by unilateral government action or for failure to perform; the extensive legal and regulatory requirements surrounding many of our contracts; our ability to retain our existing business and related contracts; our ability to successfully compete for and win new business, or, identify, acquire and integrate additional businesses; our ability to maintain and improve our operating margin; the availability of government funding and changes in customer requirements for our products and services; the outcome of litigation matters (see Notes to our annual report on Form 10-K and quarterly reports on Form 10-Q); results of audits by U.S. Government agencies and of ongoing governmental investigations; our significant amount of debt and the restrictions contained in our debt agreements and actions taken by rating agencies that could result in a downgrade of our debt; our ability to continue to recruit, retain and train our employees; actual future interest rates, volatility and other assumptions used in the determination of pension benefits and equity based compensation, as well as the market performance of benefit plan assets; our collective bargaining agreements; our ability to successfully negotiate contracts with labor unions and our ability to favorably resolve labor disputes should they arise; the business, economic and political conditions in the markets in which we operate; the risk that our commercial aviation products and services businesses are affected by a downturn in global demand for air travel or a reduction in commercial aircraft OEM (Original Equipment Manufacturer) production rates; the DoD's Better Buying Power and other efficiency initiatives; events beyond our control such as acts of terrorism; our ability to perform contracts on schedule; our international operations including currency risks and compliance with foreign laws; our extensive use of fixed-price type revenue arrangements; the rapid change of technology and high level of competition in which our businesses participate; risks relating to technology and data security; our introduction of new products into commercial markets or our investments in civil and commercial products or companies; the impact on our business of improper conduct by our employees, agents or business partners; goodwill impairments and the fair values of our assets; and ultimate resolution of contingent matters, claims and investigations relating to acquired businesses, and the impact on the final purchase price allocations.

Our forward-looking statements speak only as of the date of these slides or as of the date they were made, and we undertake no obligation to update forward-looking statements. For a more detailed discussion of these factors, also see the information under the captions "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" in our most recent report on Form 10-K for the year ended December 31, 2016 and our quarterly report on Form 10-Q for the period ended September 29, 2017, and any material updates to these factors contained in any of our future filings.

As for the forward-looking statements that relate to future financial results and other projections, actual results will be different due to the inherent uncertainties of estimates, forecasts and projections and may be better or worse than projected and such differences could be material. Given these uncertainties, you should not place any reliance on these forward-looking statements.

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### **Agenda**

Welcome Heidi R. Wood

L3T 3.0 – Charging Ahead Christopher E. Kubasik

Electronic Systems Todd W. Gautier

Aerospace Systems Mark R. Von Schwarz

Break

Sensor Systems Jeff A. Miller

Communication Systems Andrew C. Ivers

Financial Overview Ralph G. D'Ambrosio

Wrap Up and Q&A Christopher E. Kubasik Ralph G. D'Ambrosio

Lunch / Adjourn



## L3T 3.0 – Charging Ahead

Christopher Kubasik, President, Chief Operating Officer & CEO-Elect

### L3 Technologies Overview

#### L3 Technologies 3.0

The Only High-Tech Federation of Innovative Aero/Defense Entrepreneurs. Unique business model bringing small business innovation with large company leverage.

#### **Reshaping the Portfolio:**

Out - low margin services

In - moving up the value chain

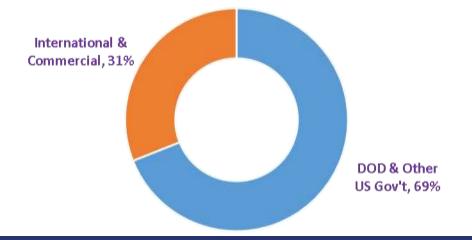
Federation of Leaders Who Act Like Owners...
Aligns with Shareholders

#### Multi Step Path to Sustainable Value Creation

- More integration, raising R&D, L365 Continuous Improvement, sharpening accountability & leadership culture
- While maintaining excellent FCF generation, high quality earnings and M&A know-how

#### **Key Business Metrics – 2018 Guidance (midpoint)**

\$9.95B Sales 5% Growth



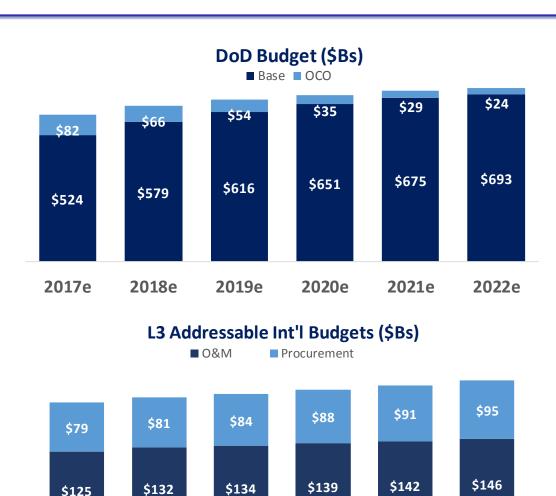
11.3%
Operating
Margin

Note: Excludes Vertex

Technologies

### **Attractive End Markets**

- DoD Budget
- International
- Commercial Aviation
  - -Commercial Pilot Training
  - Airport Security



2020e

2019e

2018e

**2017e** 

Sources: Avascent, DoD



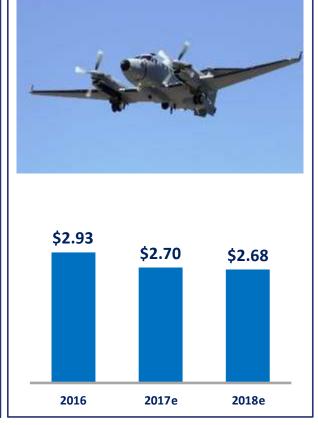
2022e

2021e

### L3 Business Segments

# **Electronic Systems** \$3.25 \$3.05 \$2.75 2016 **2017**e **2018e**

# **Aerospace Systems**



#### **Communication Systems**





#### **Sensor Systems**



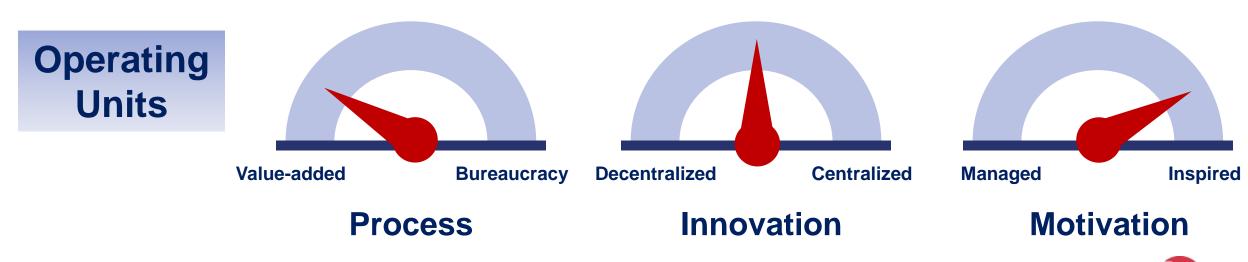


Notes: Guidance excludes Vertex. All sales in billions. 2017 and 2018 estimates represent the mid-point of guidance



### L3T 3.0 Organizational Philosophy... Emphasizes Entrepreneurship





### **A Fundamentally Different Company**

Small Company Strengths

Rapid Decision Making

Innovative ideas

- Entrepreneurship
- Local Autonomy
- Customer Intimacy
- Grass Roots Market
   Insight

13

Leveraging scale

Access to Key Influencers in DoD & Internationally

Continuous Improvement

Broader Access to Talent

Best Practices

Branding

A Federation of Diverse High Tech Aero/Defense Capabilities



Large Corporation

Strengths

### Three-Stage Path to Shareholder Value Over Next 5 Years

1. Integration

2018+

- Enhance productivity Implement L365
- Shared services, consolidation, talent, pension freeze
- Margin expansion

2. Strengthen

2019 - 2021

- Higher sales from internal investments
- More M&A Innovative, high-tech & bolt-ons
- Revenue growth

3. Non-Traditional "6th Prime"

2022+

- More sales from bigger programs
- Greater profit and cash flow
- Moving up to Prime/Bundled solutions

### **L3T 3.0 Integration Focus**

#### **Data Driven**

- Greater focus on driving per-head productivity along with \$ EBIT growth
- Increasing spans of control, introducing automation, greater use of benchmarking

#### **Organizational Alignment**

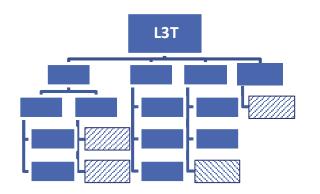
- Reduce SG&A, consolidate & streamline the structure
- Grouping divisions by capabilities, driving increased collaboration

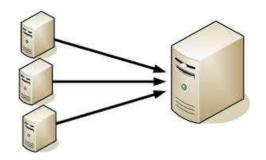
#### IT Integration

Multi-year plan to reduce >100 systems. Key to unlocking virtuous cycle of data fidelity, speed to market, efficiency, and faster decision-making

#### **Shared Services**

- Consolidate or outsource low value-add activities
- Leverages the big company scale on transactional activities







### **Medium / Long-Term Drivers**

### 1. Making the Machine Better: Integrate, Collaborate & Innovate

- Integrate Shared Services, improve cost structure, personnel, facilities
- Collaborate
- Innovate

Reaping Benefits in Medium & Longer Term

### 2. Accelerate Organic Growth, Due to...

- Increased & Optimized R&D
- Benefits of new common processes/functions
- Improved data analytics and decision making
- Business development talent & processes enhanced

#### 3. Continued M&A Focus

## **Medium / Long-Term Outlook**

Segment	Sales View*	Key Drivers
Electronic Systems	+mid single digit	<ul> <li>Pilot training ramp</li> <li>Security detection re-competes, new international customers</li> <li>A2AD wins, new markets</li> </ul>
Sensor Systems	+mid/high single digit	<ul> <li>EO/IR international growth</li> <li>Space, undersea markets</li> <li>Canadian combat ship,</li> <li>Ground vehicle fire control</li> </ul>
Communication Systems	+mid/high single digit	<ul> <li>Wideband datalinks for manned/ unmanned teaming</li> <li>Navy C4ISR</li> <li>A2AD</li> </ul>
Aerospace Systems  D budget dependent	+low/mid single digit	<ul> <li>Leverage recent success with International Biz Jet ISR</li> <li>Greater focus on annuity-like businesses</li> </ul>

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### **Capital Allocation Framework**

Disciplined Capital Deployment

Internal Investment

2018e R&D expected to be 3% of sales

Targeted investments in Sensor Systems

**Dividends** 

Continued modest annual increases

**Debt** 

Committed to maintaining investment grade credit rating

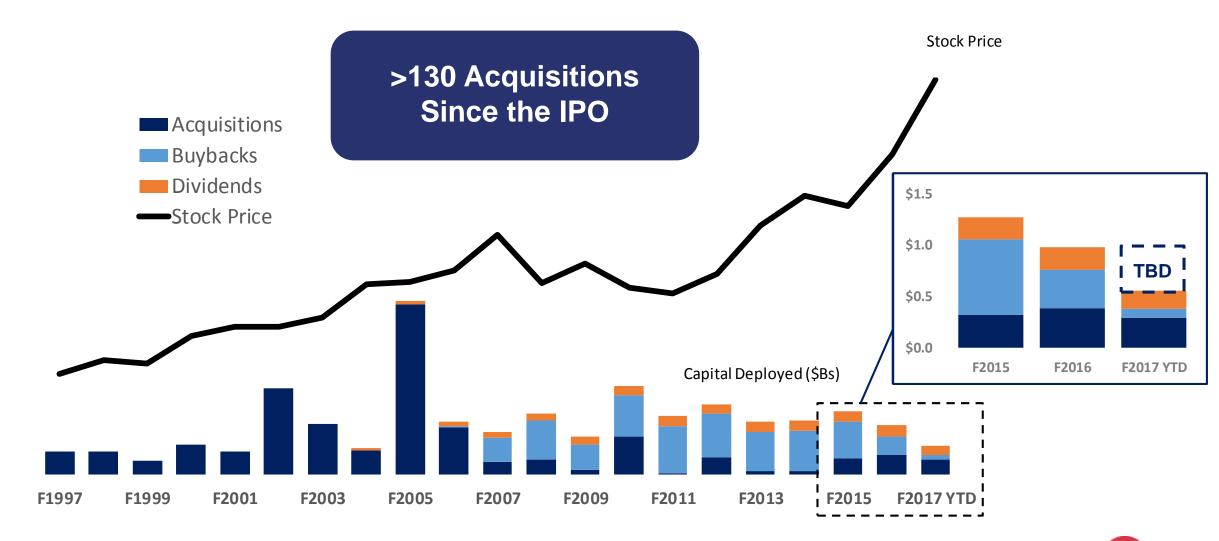
**Share Buybacks** 

Offsetting share creep

M&A

 Key considerations - strategic fit, technology, potential for value capture

### **Proven Record of Acquisitions**



### **Summary**

- Unique High Technology Aero/Defense Entrepreneurial Company
- 2018 Focus on Integration, Collaboration & Innovation
- Medium Term Reaping Benefits of Current Initiatives
- 5 Year Vision Non-Traditional "6th Prime"
- Relentless Focus On Free Cash Flow & High Quality Earnings
- Individually Strong, Jointly Superior



## **Electronic Systems**

**Todd Gautier, Senior Vice President and President** 



### **Electronic Systems**





Precision Weapon Systems Prime and Component Provider

#### **Power and Propulsion Systems**

Maritime Power & Distribution Solutions

#### **Defense Training & Simulation**

Global Military Aviation Training Provider

#### **Security & Detection Systems**

Global Security & Solutions Company

Commercial Aviation Training and Avionics





### **Electronic Systems Overview**

#### **Key Business Metrics – 2018 Guidance (midpoint)**

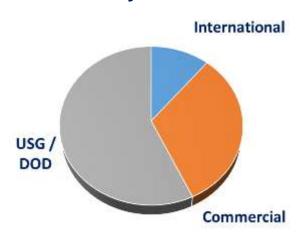
**\$3.25B Sales** 6% Organic Growth

13.8% **Operating** Margin

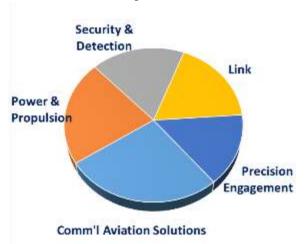
- **Winning:** Book-to-Bill: >1.0x ('16 '18e)
- **Growing:** +6% Organic Growth in '18e
- **Margins:** +70bps ('16 -'18e)
- **Investing:** Segment Controlled & Focused
- **Optimizing:** Consolidating Divisions (23 to 15)

#### **Revenue Mix and Capabilities**

#### **Sales by Customer**



#### Sales by Sector



#### **Capabilities**



Components

Weapons **Precision** 



**Defense Training** Weapons

**Maritime** 

**Power** 







**Avionics** 

**Commercial Airline** 

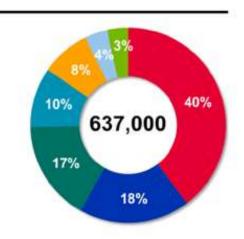
**Training** 

#### **2018 Market Environment**

- Weapon Systems Growing
  - Low Stock / Ongoing Ops
  - A2AD
- Defense Training Slight Growth
  - Simulation Headwinds
  - Pilot Shortages / Outsourced Training
- Power Mgmt and Distribution Growing
  - Shipbuilding Rates Increasing
  - Next Gen Power / Weapons
- Commercial Airline Training Growing
  - Pilot Shortage Recognized
  - Fleet Expansions / Outsourcing
- Avionics Growing
  - Fleet Expansions, Upgrades
- Airport Security Growing
  - Passenger / Airport Growth....Threat

#### New Pilots by Region 2017–2036

<ul> <li>Asia Pacific</li> </ul>	253,000
<ul><li>North America</li></ul>	117,000
Europe	106,000
Middle East	63,000
Latin America	52,000
Africa	24,000
O.I.S. / Russia	22,000
World Total	637,000





### **Electronic Systems Strategic Focus**

#### Commercial Aviation Solutions

- Unprecedented Comm. Aviation Expansion / Pilot Shortage
- Significant Investments in Capacity
- Avionics Consolidations / Efficiency

### Airport Security

- New Products, Alignment, Future M&A
- MacDonald Humfrey Key Enabler
- Leading Market Evolution to Integrated Solutions

### A2AD and Operations

- L3 Has Disruptive Technologies and Systems
- Strategic New Wins
- Focused Investments
- Aligned and Consolidating / Synergy



In the Right Markets, with the Right Technologies and Solutions

### **Electronic Systems**

#### **Growth Drivers Precision Weapons A-PNT** Campaigns **Commercial Aviation Training Airport Security Solutions Next Generation Systems Training Centers, Academies, Simulations Expanded Avionics / Weapons Components / Security Offerings** Go-to-Market (Services, Solutions, Bundling) **Increased Capacity Leadership & Strategy L365 Continuous Improvement Enablers Cost Competitiveness / Efficiencies** Collaboration **Increased Capacity Talent Management Alignment / Consolidation Future** R&D: Focused, Early, Managed/Measured **Focused Customer Relationships Acquisitions / Partnerships / Investments**



### **Electronic Systems Summary**

#### Financial Performance

- 2017e: 6% Organic Growth, 12% Op Inc Growth, >1.0x Book:Bill, Record Investments
- 2018e: 6% Organic Growth, 11% Op Inc Growth, All Sectors Growing, Funding Efficiency & Tech
- Backlog, Pipeline, Transition to Production and M&A Positions for Strong Growth

### Strategic Investments

Focused R&D Delivering Innovative / Disruptive Wins

### Creating a Culture of Continuous Improvement

Enterprise-wide Investment in Excellence and Exceeding Expectations



## **Aerospace Systems**

Mark Von Schwarz, Senior Vice President and President



### **Aerospace Systems**









- Prime systems integration organization: Specializing in complex ISR capabilities and equipment:
  - Communications, and enterprise intelligence systems and products
  - Rapid technology insertion to meet changing customer needs and evolving environments
  - Big data analytics
- Full spectrum fleet sustainment, depot and management: Provides key MRO, aircraft integration and services to U.S. Armed Forces and Allies
  - Facilities in Greenville and Waco providing turnkey solutions for special airborne mission needs
  - FAA Organization Designation Authorization (ODA)
- Aircraft modification and service life extension solutions: Aircraft modification, maintenance, and full life-cycle systems support and sustainment
  - Command, control and communications networkenabling technologies and SIGINT systems

### **Aerospace Systems Overview**

#### **Key Business Metrics – 2018 Guidance (midpoint)\***

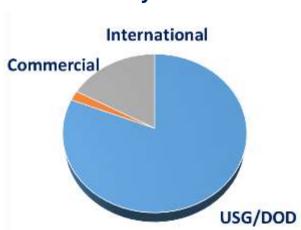
**\$2.70B Sales** (1)% Organic Growth

8.1% **Operating Margin** 

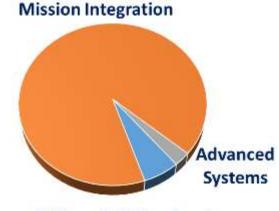
- Winning: Major FMS Award
- **Growing:** Key Market Penetration
- **Margins:** Expanding
- **Investing:** International Capture
- **Execution:** Air Seeker & FMARSS

#### Revenue Mix and Capabilities<sup>1</sup>

#### Sales by Customer

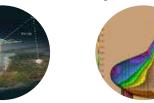


#### Sales by Sector

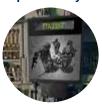


Military Aviation Services

#### **Capabilities**



**Complex ISR Systems** 



Secure Comms

**Aircraft Modification** 



Life-Cycle Sustainment



C3ISR



**Networked ISR** 



Excludes Vertex

### **Aerospace Systems**





#### **Greenville and Waco Consolidation**



Majors Field - Greenville, TX

- **Integrated Functions**
- Fully Equipped Manufacturing Facilities
- State-of-the-art Paint Facilities
- Multi-Sensor Test Facilities
- Anechoic Chamber Complex

TSTC Airport - Waco, TX

- SEI CMMI:v1.3 Maturity Level V
- ISO9001:2008, ISO14001:2015 and AS9100C
- FAA Class 4 Unlimited Repair Station/FAA Organization Designation Authorization (ODA)

### **Multiple Solutions for Multiple Missions**

#### **Aircraft**



### **L3 Capabilities**



#### **Missionization**







### **Summary**



## **Break**





## **Sensor Systems**

**Jeff Miller, Senior Vice President and President** 



### **Sensor Systems – Solutions in All Domains**



























**Space**: *Military & Commercial* 

Sensors, Payloads, Launch and Control Electronics

**Air:** Airborne Surveillance Systems & IRSTs

Surveillance & Designating Systems; Wide Area Motion Imagery Systems

**Ground:** Fixed, Vehicular and Man Portable

Ground Combat Fire Control Systems, Surveillance, Counter UAS

**Soldier:** Night Vision – Goggles, Designators, Aiming Devices

Thermal & Image Intensified Systems, Law Enforcement Systems

Maritime: Naval Towed Arrays, Fire Control, Photonic Masts

Surface, Submarine, & Ocean Floor Systems. Autonomous Vehicles

**Electronic Warfare & Cyber:** Situational Awareness & Effects

Surveillance, Intercept; Offensive and Defensive Solutions

### **Sensor Systems Overview**

#### **Key Business Metrics – 2018 Guidance (Midpoint)**

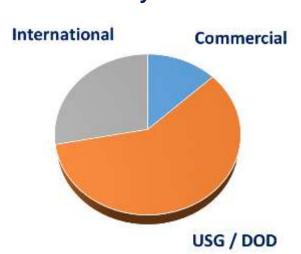
\$1.75B Sales 10% Organic Growth

11.5%
Operating Margin

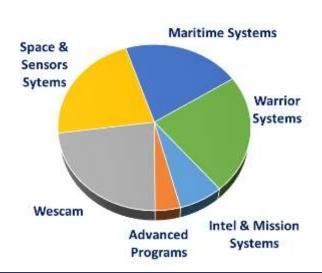
- ✓ Winning: Book-to-Bill ~1.25x ('16 '18e)
- ✓ **Growing**: +10% Organic Growth in '18e
- ✓ Margins: +140 bps ('16 '18e)
- ✓ Investing: R&D >5% of Sales
- ✓ **Optimizing**: L365, Consolidation

#### **Revenue Mix and Capabilities**

#### **Sales by Customer**



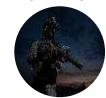
#### Sales by Sector



#### Capabilities



Launch Electronics & Space Payloads



Integrated Soldier Systems

Airborne ISR Sensors



Undersea Sensors



**Counter UAS** 



Tactical EW &Cyber

## Sensor Systems: Opportunity Rich in Multi-Year Pursuits



Warfighter Integration \$1B - \$2B



V-22 Osprey



**Space** (Classified) \$400M



**United Launch** Alliance (ULA) **\$1B** 



\$500M - \$1B



**Undersea UUVs** +\$100-\$200M





**F35 Programs** \$500M - \$1B



**Ground Vehicle Penetration** \$250 - \$500M



**Canadian Surface Combatant (CSC)** \$1B-\$1.5B

Opportunity Sizes are Estimates of Potential Orders over a 10-Year Period

**Technologies** 

35

\$500M

### Strategic Alliance Between ULA and L3 Space and Sensors

Value Proposition Developed with L3 As Exclusive Provider of Avionics Systems

Increases Content to >\$1B over 10 Years

### Virtual Vertical Integration

- Business Systems Integration
- Cost Integration
- Technical Integration
- Site Integration



# **Sensor Systems Strategic Focus**

#### Drive Savings

- L365, Consolidations, Apply to Investment & Op Income
- Invest at 2x Industry Average, Use Agility as a Discriminator
  - "Innovation Sprints" Exemplify Commitment to Speed and "Fail Fast" Mentality
- Protect and Expand Core Offerings
  - Maintain Leading Performance & Cost Position with Commercial Models
- Penetrate Market Adjacencies
  - Space, IRST, Ground Vehicle Sensors, Maritime Surface & Undersea
- Focused International Expansion
  - Expand MENA, Asia, Leverage L3's International Footprint
- Supplement Organic Growth With Strategic M&A
  - Continue Niche Acquisitions. Add Bigger, Broader, Borderless Targets











# **Sensor Systems**





# **Sensor Systems: Summary**

#### Financial Performance

- 2017e: 6% Organic Growth; 40% Op Inc Growth; 1.25x Book-to-Bill; Record Backlog
- 2018e: 10% Organic Growth; Increasing Growth Investments
- Longer Term: Backlog Position, Robust Pipeline and M&A Positions for Continued Growth

#### Strategy is Driving Organic Growth, Demonstrated by Recent Highlights:

- Tier 1 Partner on Canada's Combat Ship Team, \$1B+ Opportunity on CSC
- Won \$400M ID/IQ Contract for Classified Space
- Entered >\$250M in Night Vision Sales in US and International Markets
- Awarded >\$300M of New Orders for Airborne Gimbals

#### Targeted M&A



# **Communication Systems**

**Andrew Ivers, Senior Vice President and President-Elect** 



# **Communication Systems**





#### **Broadband Communications**

Advanced Networking & Integrated Communications

- ISR / Common Data Link
- Secure Low Probability of Intercept and Anti-jam Waveforms



#### **Advanced Communications**

C4ISR Systems, Cyber Solutions & Communications Products

- Maritime C4ISR for the DOD, DHS and International Partners
- Cyber Security / Information Assurance



#### **Space & Power**

Power, Telemetry & RF Communications Across All Domains

- Commercial and Military Space Microwave Telemetry
- High Reliability Space and Military Power Products

# **Communication Systems Overview**

#### **Key Business Metrics – 2018 Guidance (midpoint)**

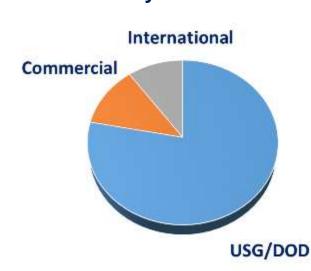
\$2.275B Sales 5% Organic Growth

11.2%
Operating Margin

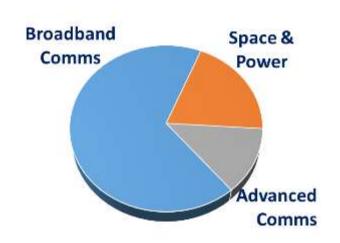
- ✓ **Winning:** Book-to-Bill: >1.0x
- ✓ Growing: +6% Organic Growth in '17e
- Margin: +170bps ('16 to '18e)
- Investing: R&D ~4% of Sales
- ✓ Optimizing: EDD Consolidation

#### **Revenue Mix and Capabilities**

#### **Sales by Customer**



#### **Sales by Sector**



**Capabilities** 



**Naval C4ISR** 



Protected Comms



Microwave Components



Space Qual Hardware



Wideband ISR



**Information Assurance** 

# **Communication Systems Market Environment**

- Assured Communications Growing
  - Multi-Domain, A2AD
  - Secure Waveforms
- ISR Communications- Growing
  - International Expansion
  - US/Coalition Interoperability
- Naval C4ISR- Growing
  - Shipbuilding Rates Increasing
  - Pacific/Middle East Threats
- Protected Military SATCOM- Growing
  - Contested Space Environment
  - Ground Segment Expanding
- Weapons Data Links Growing
  - Smart, Connected Munitions
- Space Components Declining/Flat
  - Fewer GEO Commercial Satellite Launches



# **Communication Systems Strategic Focus**

## Manned / Unmanned Teaming

- Captured Key Apache Development and Production Contracts
- R&D Investments Enabling a Near "Off The Shelf" Offering
- Growth Opportunities on Other Platforms

## Naval C4ISR Systems

- Grow with Focus on Five Eyes Nations
- Invest/Acquire IP for Communications and Network Management
- Win Canadian Surface Combatant and Australian SEA 5000

## A2AD and Evolving Threats

- Protected/Secure Communications Technology Demonstrated
- Focused Investments
- Collaborative Engagement with A-PNT





# **Communication Systems**





# **Communication Systems Summary**

#### Financial Performance

- 2017e: 6% Organic Growth; 19% Op Inc Growth; Investing in the Future
- 2018e: 5% Organic Growth; 9% Op Inc Growth; Performance Recovery in Space & Power

## Strategic Investments

- Broadening M&A Aperture
- MUMT-X Transition to Production; PTSFD Demonstration Key for Future
- Working on Continuous Improvement, Collaboration & Innovation
  - Continuous Improvement Savings Contribution to the Bottom Line 100 BPS
- Continue International Market Penetration / Strategic Alliances



# **Financial Review**

Ralph D'Ambrosio, Senior Vice President and Chief Financial Officer

### 2018 Financial Trends

- Sales growing in all end markets... DoD budget supports growth
- Expanding margin... growing profit and cash flow
- Integrating businesses to enhance competitiveness and profitability
- Increasing growth investments to accelerate sales
- Capital allocation... favoring acquisitions after dividend, divesting Vertex\*

<sup>\*</sup> Vertex Aerospace business is reclassified to discontinued operations for all periods presented

# Initial 2018 Financial Midpoint Guidance (Excludes Vertex)

(in Millions, except per share amounts)

	2018 Estimate	2017 Estimate	2018 vs. 2017
Net Sales	\$9,950	\$9,500	5%
Organic Growth	4%	2%	+200 bps
Operating Margin	11.3%	11.1%	+20 bps
Tax Rate	26.6%	24.0%	+260 bps
Diluted Shares	~80	~80	0%
Diluted EPS	\$8.73	\$8.35	5%
Free Cash Flow	\$865	\$805	<b>7</b> %

Notes: (1) 2018 and 2017 estimates: (i) are based on midpoint guidance and (ii) classify pension expense in accordance with ASU 2017-7, which is effective January 1, 2018.

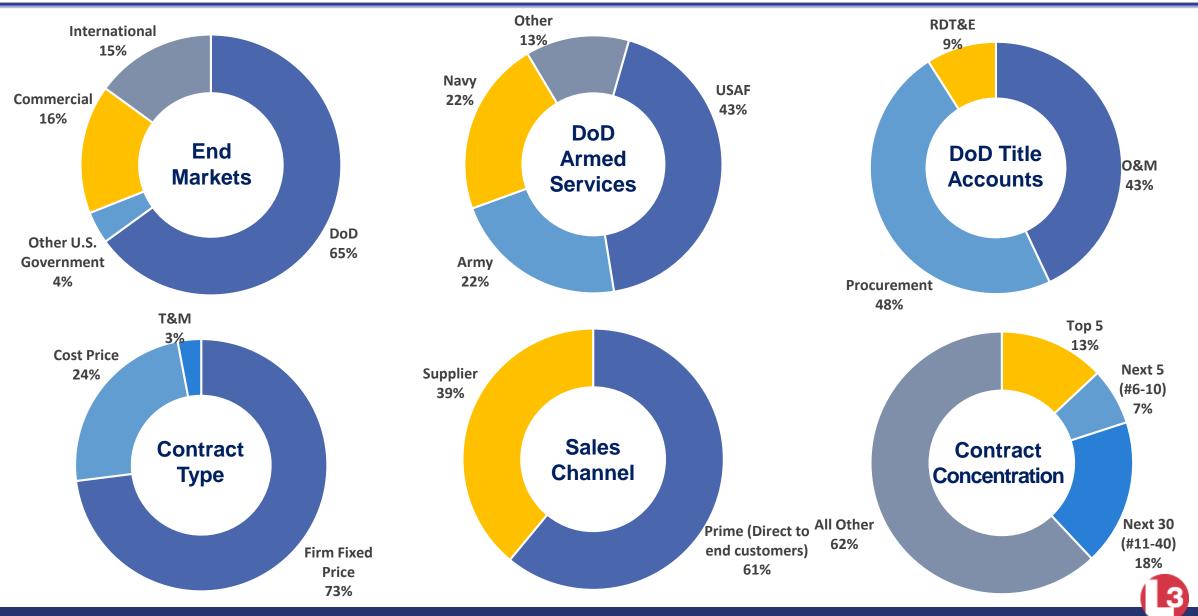
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Technologies

<sup>(2)</sup> The Company expects to divest the Vertex Aerospace business in 2018 and present Vertex financial results in Discontinued Operations for all periods.

<sup>(3)</sup> See Reconciliation of GAAP to Non-GAAP Measurements.

## **Sales Characteristics - 2018 Estimates**



Technologies 50

# **Segment Financial Trends**

### **Electronic Systems**

(\$ in Millions)		2017	2018 Initial
	2016	Estimate	Guidance
Net Sales	\$2,752	\$3,050	\$3,250
Sales Growth	-3%	11%	<b>7</b> %
Organic Growth	2%	6%	6%
Operating Margin	13.1%	13.2%	13.8%

### **Communication Systems**

(\$ in Millions)	2016	2017	2018 Initial Guidance
	2010	LStilliate	Guidance
Net Sales	\$2,053	\$2,175	\$2,275
Sales Growth	1%	6%	5%
Organic Growth	0%	6%	5%
Operating Margin	9.5%	10.8%	11.2%

### **Aerospace Systems** (Excludes Vertex)

(\$ in Millions)	2016	2017 Estimate	2018 Initial Guidance
Net Sales	\$2,930	\$2,700	\$2,675
Sales Growth	1%	-8%	-1%
Organic Growth	1%	-8%	-1%
Operating Margin	8.6%	7.8%	8.1%

#### **Sensor Systems**

(\$ in Millions)		2017	2018 Initial
	2016	Estimate	Guidance
Net Sales	\$1,468	\$1,575	\$1,750
Sales Growth	2%	7%	11%
Organic Growth	2%	6%	10%
Operating Margin	10.1%	13.1%	11.5%

Note: For all periods presented segment operating income and margin: (i) includes re-absorption of previously allocated expenses to Vertex and (ii) classifies pension expense in accordance with ASU 2017-7, which is effective January 1, 2018. Sensor Systems 2018 margin guidance includes \$30M of incremental growth investments

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# **Productivity & Margin Improvement Actions**

- Integrating Businesses... Sectorizing Our Divisions
  - L365 Continuous Improvement
  - Presently consolidating divisions
- Standardizing on Three Common ERP System Platforms
- Expanding Scope of L3 Shared Services
  - Adding indirect material eProcurement, IT Service Desk and ERP CoE
- Evaluating Defined Benefit Pension Plans
- Selectively Increasing R&D Investments to Accelerate Growth
  - R&D/Sales: 3.2% for 2018 vs. 3.0% for 2017

# Improving Balance Sheet and Increasing Liquidity

(\$ in Millions)	12/31/16	12/31/17 Estimate	12/31/18 Estimate
Cash	\$ 363	\$ 575	\$ 1,095
Debt	\$ 3,325	\$ 3,330	\$ 3,336
Equity	4,624	5,065	5,565
<b>Book Capitalization</b>	\$ 7,949	\$ 8,395	\$ 8,901
Available Revolver	\$ 1,000	\$ 1,000	\$ 1,000
Debt / EBITDA	2.9x	2.6x	2.5x

Notes: (1) Debt/EBITDA excludes discontinued operations.

(2) See Reconciliation of GAAP to Non-GAAP Measurements.

# **Vertex Divestiture Process Update**

- Commencing the sale process later this month
- Vertex represents an industry-leading military aircraft maintenance and logistics support provider
- Significant in-bound interest has been received from both strategic and financial sponsor potential buyers
- Expect to complete sale process for Vertex in mid-2018

# **Financial Summary**

- Implementing Corporate Strategy
  - Integrating Businesses, Increasing Collaboration and Growth Investments to Enhance Innovation and Competitiveness
- Growing Sales, Profits and Cash Flow
- Robust Cash Flow With Targeted Capital Allocation
- Portfolio Aligns With Customer Priorities



# Wrap Up and Q&A

Christopher Kubasik, President, Chief Operating Officer & CEO-Elect Ralph D'Ambrosio, Senior Vice President and Chief Financial Officer



# **Supplemental Financial Data**



# 2018 Financial Guidance (Excludes Vertex)

(\$ in Millions, except EPS)

Net Sales
Organic Growth
Operating Margin
Interest Expense and Other
Effective Tax Rate
Minority Interest Expense
Diluted Shares
Diluted EPS
Free Cash Flow

Initial
Guidance
\$9,850 to \$10,050
4%
11.3%
\$141
26.6%
<b>\$15</b>
~80
\$8.60 to \$8.85
\$865

<b>Midpoint</b>
vs. 2017
5%
+200 bps
+20 bps
-10%
+260 bps
(\$2)
0%
<b>5</b> %
<b>7</b> %

Notes: (1) Effective January 1, 2018, the Company will adopt: (1) ASC 606 (Revenue Recognition) applying the modified retrospective method and (2) ASU 2017-7 (Pension service cost presentation) on a retrospective basis. The adoption of ASC 606 is estimated to impact 2018 sales by less than 1%.

- (2) Net pension expense (FAS, net of CAS) for 2018 vs. 2017 is expected to increase diluted EPS by \$0.28 (\$36 million pre-tax) and increase operating margin by 20 bps (\$19 million). Pension expense assumes a discount rate of 4.05% vs 4.40% for 2017.
- (3) Interest Expense and Other is comprised of: (i) interest expense of \$166 million, (ii) interest and other income of \$25 million (including \$9 million of non-service cost pension income).
- (4) Minority Interest Expense represents net income from continuing operations attributable to non-controlling interests.
- (5) See Reconciliation of GAAP to Non-GAAP Measurements.

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# 2018 Segment Guidance (December 5, 2017)

(\$ in Millions)

Segment	Net Sales	Midpoint Sales vs. 2017	Midpoint Organic Growth	Segment Operating Margin	Midpoint Margin vs. 2017 (bps)
<b>Electronic Systems</b>	\$3,200 to \$3,300	<b>7</b> %	6%	13.7% to 13.9%	+60
Aerospace Systems	\$2,625 to \$2,725	-1%	-1%	8.0% to 8.2%	+30
Comm Systems	\$2,225 to \$2,325	5%	5%	11.1% to 11.3%	+40
Sensor Systems	\$1,700 to \$1,800	11%	10%	11.4% to 11.6%	-160
<b>Total Segments</b>	\$9,850 to \$10,050	5%	4%	11.3%	+20

Note: Net pension service cost (FAS, net of CAS) accounted for in accordance with ASU 2017-7 and is expected to decrease \$19 million for 2018 compared to 2017, increasing estimated 2018 operating margin by 20 basis points (bps) (\$20 million or 70 bps for Aerospace Systems).

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## **Robust Free Cash Flow**

(\$ in Millions)	2	2017	2	018
	Est	timate	Est	imate
Net income from continuing operations	\$	685	\$	720
Gain on sale of property, plant and equipment		(42)		-
Depreciation & amortization		214		225
Deferred income taxes		40		45
401K common stock match		104		108
Stock-based employee compensation		<b>57</b>		60
Amortization of pension and OPEB net losses		<b>58</b>		63
Working capital/other items		(161)		(111)
Capital expenditures, net		(150)		(245)
Free cash flow	\$	805	\$	865

Note: Capital expenditures, net for 2017 includes proceeds of \$64 million related to the sale of a property in San Carlos, CA.



# **Targeted Capital Allocation**

(\$ in Millions)

	2016 Actual	2017 Estimate	2018 Estimate
Beginning cash	\$ 207	\$ 363	\$ 575
Free cash flow	830	805	865
Divestitures	<b>577</b>	86	-
Debt repayments, net	(303)	-	-
Dividends	(220)	(237)	(255)
Acquisitions	(388)	(304)	-
Share repurchases	(373)	(200)	(300)
Other, net	33	<b>62</b>	210
Ending cash	\$ 363	\$ 575	\$ 1,095

Notes: (1) Divestitures include cash flow from discontinued operations and net proceeds from divested businesses.

(2) See Reconciliation GAAP to Non-GAAP Measurements.

## 2017 Consolidated Financial Guidance Reconciliation

(in Millions, except per share amounts)		Vantan		
		Vertex		
	Prior Guidance	Discontinued	Current Guidance	
	(October 26, 2017)	<b>Operations</b>	(December 5, 2017)	vs. 2016
Net Sales	\$10,800 to \$11,000	<b>\$(1,400)</b>	\$9,500	3%
Organic Growth	2%		2%	+100 bps
<b>Operating Margin</b>	10.3%		11.0%	+60 bps
Operating Income	\$1,123	<b>\$(76)</b>	\$1,047	9%
<b>Interest Expense and Other</b>	<b>\$154</b>	<b>\$(5)</b>	\$149	(\$4)
<b>Effective Tax Rate</b>	24.9%		24.0%	+260 bps
<b>Minority Interest Expense</b>	<b>\$17</b>		<b>\$17</b>	<b>\$3</b>
<b>Diluted Shares</b>	80		~80	2%
Diluted EPS	\$7.13 to \$7.23	\$1.17	\$8.30 to \$8.40	<b>7</b> %
Adjusted Diluted EPS	\$8.80 to \$8.90	\$(0.50)	\$8.30 to \$8.40	<b>7</b> %
Free Cash Flow	\$875	\$70	\$805	

Notes: (1) 2017 guidance and comparison to 2016 classifies pension expense in accordance with accounting standards in effect at December 31, 2017 (i.e., ASU 2017-7 NOT implemented).

- (2) Prior guidance exclude the goodwill impairment charge of \$187M (\$133M after income taxes), or \$1.67 per diluted share, related to Vertex
- (3) Vertex Discontinued Operations estimates for Operating Income, Diluted EPS and Free Cash Flow (i) exclude Corporate and Aerospace Systems Segment expenses previously allocated to the Vertex business, and (ii) includes tax benefits from Section 197 intangible assets amortization related to L3's acquisition of Vertex in 2003 and non-cash expenses for assumed 401k employer matching contributions made in L3 common stock.

(4) See Reconciliation of GAAP to Non-GAAP Measurements.

# 2017 Segment Guidance (December 5, 2017)

(\$ in Millions)

Segment	Net Sales	Midpoint Sales vs. 2016	Midpoint Organic Growth	Segment Operating Margin	Midpoint Margin vs. 2016 (bps)
Electronic Systems	\$3,000 to \$3,100	11%	6%	13.1% to 13.3%	+10
Aerospace Systems	\$2,650 to \$2,750	-8%	-8%	7.7% to 7.9%	-80
Comm Systems	\$2,125 to \$2,225	6%	6%	10.4% to 10.6%	+100
Sensor Systems	\$1,525 to \$1,625	7%	6%	13.0% to 13.2%	+300
<b>Total Segments</b>	\$9,400 to \$9,600	3%	2%	11.0%	+60

Note: Segment operating income and margin includes re-absorption of previously allocated expenses to Vertex and account for pension expense in accordance with accounting standards in effect at December 31, 2017 (i.e., ASU 2017-7 NOT implemented). ASU 2017-7 is expected to increase 2017 operating margin for Comm Systems by 30 bps and Consolidated by 10 bps, with offsetting reductions to estimated 2017 interest income and other income.

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# Year-to-Date September 29, 2017 - Select Financial Data Reconciliation

(in Millions, except per share amounts)

	As Previously Presented	Vertex Discontinued Operations	Excluding Vertex
Net Sales	\$8,047	<b>\$(1,053)</b>	\$6,994
<b>Segment Operating Margin</b>	10.1%		10.8%
<b>Segment Operating Income</b>	\$815	<b>\$(59)</b>	<b>\$756</b>
Interest Expense and Other	<b>\$113</b>	\$(4)	<b>\$109</b>
Effective Tax Rate	22.1%		22.7%
Minority Interest Expense	<b>\$12</b>		<b>\$12</b>
Diluted Shares	79.6		79.6
Diluted EPS	\$4.88	\$1.25	\$6.13
Adjusted Diluted EPS	\$6.55	\$(0.42)	\$6.13

Notes: (1) Excludes the goodwill impairment charge of \$187M (\$133M after income taxes), or \$1.67 per diluted share, related to Vertex.

- (2) Interest Expense and Other is comprised of: (i) interest expense of \$124 million and (ii) interest and other income, net of \$15 million.
- (3) The select financial data classifies pension expense in accordance with accounting standards in effect at September 29, 2017 (i.e., ASU 2017-7 NOT implemented).

(4) See Reconciliation of GAAP to Non-GAAP Measurements.

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# Year-to-Date September 29, 2017 Segment Results - Reconciliation

(\$ in Millions)

	As Pre Repe	-		Excluding Vertex		
Segment	Net Sales	Operating Margin	Net Sales	Operating  Margin  bps	Net Sales	Operating Margin
<b>Electronic Systems</b>	\$2,220	13.5%	<b>\$1</b>	-30	\$2,221	13.2%
Aerospace Systems	3,096	6.3%	(1,055)	+100	2,041	7.3%
Comm Systems	1,626	10.5%	1	-30	1,627	10.2%
Sensor Systems	1,105	13.6%	-	-30	1,105	13.3%
<b>Total Segments</b>	\$8,047	10.1%	\$1,053	+70	\$6,994	10.8%

Note: Segment operating income and margin includes re-absorption of previously allocated expenses to Vertex and account for pension expense in accordance with accounting standards in effect at September 29, 2017 (i.e., ASU 2017-7 NOT implemented).

# Depreciation & Amortization and Capital Expenditures 2017 Estimates

(\$ in Millions)

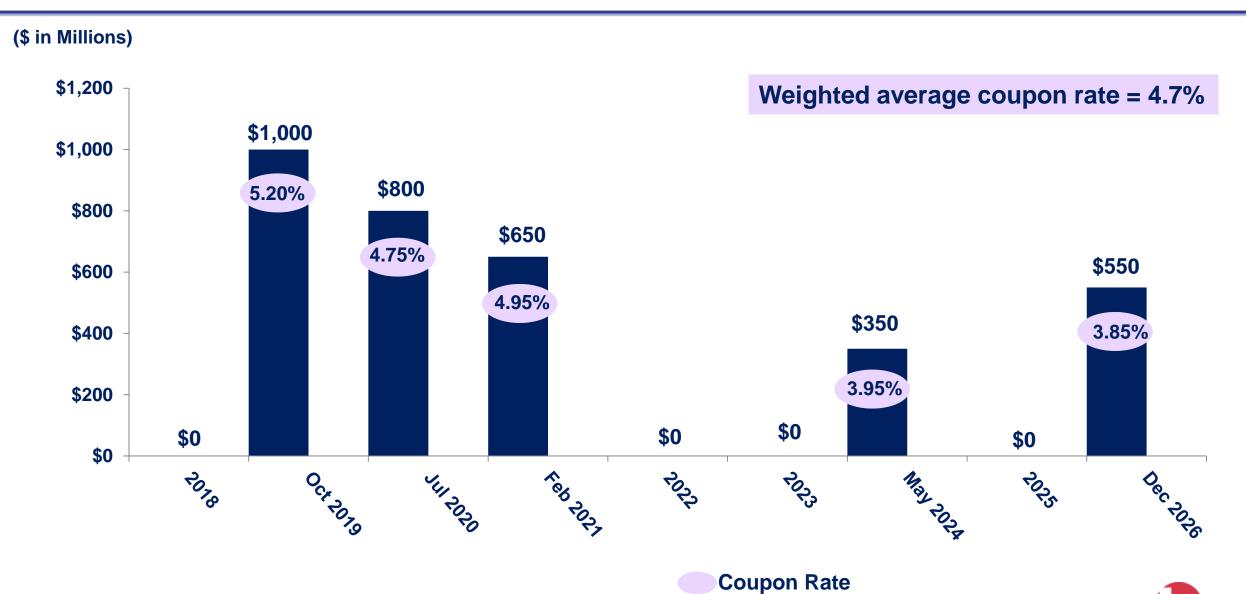
Segment	Depreciation & Amortization	CapEx, Net <sup>(1)</sup>
Electronic Systems	\$ 71	\$ 72
Aerospace Systems	50	<b>52</b>
Communication Systems	48	<b>(7)</b> <sup>(2)</sup>
Sensor Systems	45	33
Consolidated	\$214	\$150

Notes: (1) Capital Expenditures, Net = capital expenditures net of dispositions of property, plant and equipment.

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<sup>(2)</sup> Communication Systems CapEx, net includes proceeds of \$64 million related to the sale of the Company's property in San Carlos, CA.

# **Debt Maturity Profile**



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# Reconciliation of GAAP to Non-GAAP Measurements (1 of 2)

(\$ in Millions)

	2018 Guidance	2017 Guidance	2016 Actual
Net cash from operating activities from continuing operations	\$ 1,110	\$ 940	\$ 1,018
Less: Capital expenditures	(250)	(220)	(210)
Add: Dispositions of property, plant and equipment	5	70	21
Income tax payments attributable to discontinued operations	-	15	1
Free cash flow from continuing operations	\$ 865	\$ 805	\$ 830
Net cash from operating activities from discontinued operations		\$ 89	\$ 23
Less: Capital expenditures		(6)	(6)
Income tax payments attributable to discontinued operations		(15)	(1)
Free cash flow from discontinued operations		\$ 68	\$ 16

# Reconciliation of GAAP to Non-GAAP Measurements (2 of 2)

(\$ in Millions)

Cash Flow to EBITDA Reconciliation	2018 Estimate	2017 Estimate	2016 Actual
Net cash from operating activities from continuing operations	\$1,104	\$ 940	\$1,018
Income tax payments, net of refunds	215	166	111
Interest payments, net of interest income	146	143	139
Stock based employee compensation	(168)	(161)	(151)
Gain on sale of property, plant and Equipment	-	42	5
Other non-cash items	6	6	(12)
Changes in operating assets and liabilities	44	133	45
EBITDA from continuing operations	\$1,347	\$1,269	\$1,155
Debt	\$ 3,336	\$ 3,330	\$3,325
Debt/EBITDA	2.5x	2.6x	2.9x

Notes: (1) EBITDA is defined as consolidated income from continuing operations (excluding impairment losses incurred on goodwill and identifiable intangible assets and losses related to business divestiture transactions), plus consolidated interest, taxes, depreciation and amortization. The Debt to EBITDA ratio is presented because we believe it to be a useful indicator of our debt capacity and our ability to service our debt. We believe that the most directly comparable GAAP financial measure to EBITDA is net cash from operating activities. The table above presents a reconciliation of net cash from operating activities to EBITDA.

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<sup>(2)</sup> Pension expense is classified in accordance with ASU 2017-7, which is effective January 1, 2018 for all periods presented.

