THALES

Investor meeting

June 2018



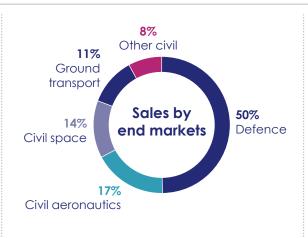
THALES

- Introduction to Thales
- 2018-21: targeting industry leadership
- Five key priorities for 2018-21
- Outlook



Thales today: a set of focused, technology-driven businesses



















Thales: a pure player focused on intelligent systems

Addressing some of the most demanding end markets...

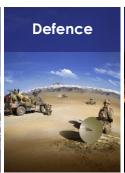


...leveraging a unique portfolio of key common technologies











- Critical decision chain

Sensing and data gathering

Hardware + software

Data transmission and storage

Hardware + software

Data processing and decision making

Software + systems

Sensors, mission systems, communication, command and control systems



Thales builds on 4 key strengths











Cutting edge R&D

- > €3bn, ~20% of sales
- ~75% customerfunded
- **>** 25,000 engineers
- Ranked by Nature as first non-pharma company in Europe for quality of research

Deep domain knowledge

- Top 3 globally or #1 in Europe across businesses
- Leverage across
 5 end markets with many technological similarities

Growing digital asset base

- Thales portfolio: digital "by nature"
- Significant organic and inorganic initiatives, targeting 4 key digital technologies
- Large integrated network of digital native talents

Global presence

- Presence in 50+ countries and sales in 100+ countries
- Proven ability to address complex markets and partnerships
- Capitalizing on 40+ year presence



Resilience embedded in business model

High geographical diversification

Sales >€100m in 23 markets

Platform-agnostic positioning

- On-board all major aircraft, train and metro platforms
- Serving 55+ armed forces

Strong program diversification

 Largest program represents less than 5% of sales

Balancing defence and civil business models

Ability to cross-sell technologies across end markets

Geographical sales breakdown





Thales delivers a best-in-class ROCE

ROCE in line with best-in-class peers

Asset turn higher than peers

Thales light asset base underpinned by

- No capitalization of R&D
- Relatively low goodwill and PPA
- Significant negative working capital driven by export projects





(a) Capital employed adjusted up by €950m accumulated one-off positive WCR effects recorded at end 2017

Peer group: BAE Systems, Honeywell, Leonardo, Lockheed-Martin, Raytheon, Safran



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Ambition 10: a 10-year journey to industry leadership in all segments





All Thales markets benefit from solid underlying trends...







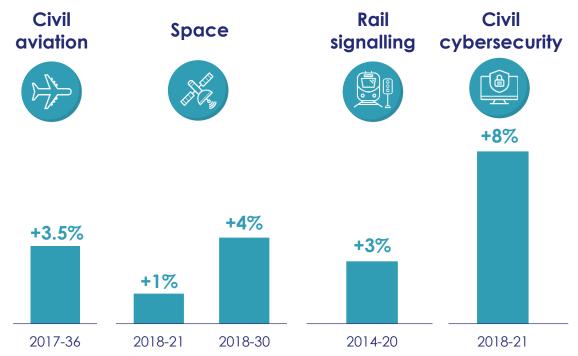


- Stable to improving trends in government budgets and GDP growth
- Operational efficiency a growing priority, increasingly enabled by intelligent systems
- Growing demand for security and safety

- Long-term growth in global air traffic
- Focus on operational and environmental efficiency
- Unique position of space systems to address new needs
- Urbanization and increasing need for mobility supporting rail development
- Renovation of signalling a key lever to increase efficiency of existing infrastructures
- Confirmed trend-up of defence budgets in mature countries, facing increased geopolitical tensions and the return of symmetric threats
- Need to address growing security concerns related to asymmetric threats and terrorism
- High demand for cybersecurity, in particular corporate data protection



...supporting ~3% sustained market growth...



Annual growth forecasts - sources:

- Civil aviation: IATA (air passenger numbers)
- Space: 2018-21: NSR, ESA budget request, 2018-30: Morgan Stanley
- Rail signalling: UNIFE, 3-year average forecasts 2019-21 vs 2013-15
- Civil cybersecurity: Gartner
- Defence budgets: Jane's defence, current terms, country budget planning, excludes China and Russia





...combined with Digital as a long-term disrupter

Digital technologies will revolutionize the future of Thales markets



Adoption of digital technologies will take time

- Leapfrog in performance: enhanced features and/or new capabilities
- Potential breakthrough in cost competitiveness
- Opportunities for new business models

- Highly regulated markets requiring long certification processes
- Long acquisition cycles combined with long service life (10-20 years)

Acceleration of digital innovation increases opportunities for bold technology leaders



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2018-21: five key priorities



1

Reinforce customercentric organization and culture



2

Relentlessly optimize operational performance



3

Accelerate R&D investments to drive technological excellence



4

Lead in digital transformation of markets



5

Execute on transformative acquisition of Gemalto



1. Reinforce customer-centric organization and culture



Three 2018-21 priorities...

Deepen customer intimacy

Consistently optimize sales pipeline

Develop exports from large countries

...capitalizing on marketing and sales excellence

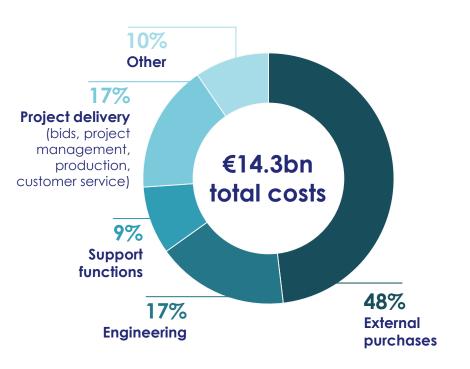
- Value-based marketing approach
- Positioning as partner in digital transformation
- Reinforcement of value-selling competencies
- Optimization of resource deployment and management
- Strengthening of customer engagement and cross-selling capabilities leveraging innovative digital tools



2. Relentlessly optimize operational performance



Group cost structure



Focus on 4 high impact initiatives

Procurement performance

Engineering competitiveness

Support function efficiency

Excellence in delivery



4 key initiatives to sustainably optimize operational performance

Procurement performance

- New worldwide integrated organization, fully accountable for performance
- Full leverage of Thales global scale through massification and consolidation
- Deployment of powerful new procurement methods
- Enhancement of tools and capabilities

Support function efficiency

- Demand management to focus on most added-value activities
- Standard worldwide operating models across every support function, fostering process standardization and digitalization
- Increase platforming and near/off-shoring of shared services
- > People and skills development

Engineering competitiveness

- Deployment of state-of-the-art engineering tools and agile methods
- Constant skills and capability reinforcement
- Digital Factory
- Optimal footprint and make-or-buy strategy

Excellence in delivery

- Continuous improvement in operational excellence, from bids to project execution, while delivering growth
- Maintaining specific focus on project execution in Transport
- Industry 4.0 and lean supply chain processes



Support function efficiency: global transformation under-way driven by new operating models, processes and tools



Effectiveness, efficiency, quality and focus on value add for Thales customers at the core of support function transformation

Further roll-out of key levers expected to firm up trend to reach ~7.2% of sales target by 2021

- > Standardization of processes across Thales
- Development of shared service centers and centers of expertise for all functions
- Investment in state-of-the-art IT tools and digital platforms to boost productivity and knowledge management
- Investment in skills development

Support function cost^(a) as a percentage of sales



(a) Includes both support function costs reported in the P&L "G&A expenses" line and the ones included in "cost of sales"



3. Accelerate R&D investments to drive technological excellence



Technological innovation vital in Thales markets

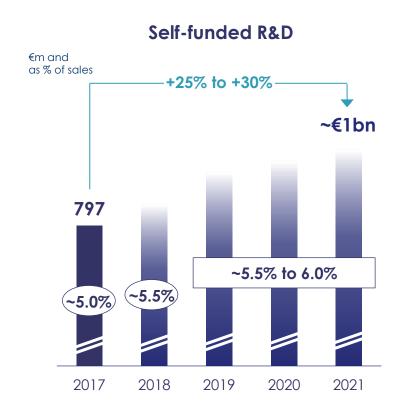
- Differentiation in usage features to bring more performance to clients
- Source of competitiveness for solutions

R&D investments: a key driver of innovation

- Further 25-30% growth over next 4 years
- Total R&D to reach ~€4bn in 2021 when combined with increase in customerfunded R&D

Self-funded R&D focused on

- Dream products: market-driven and high growth/accretive margin
- Digital





4. Lead digital transformation of markets



Partnering with our customers through their digital transformation

- "Digital-inside" dream products
- Breakthrough innovations and autonomy
- New digital services

Harnessing key digital technologies

- Capitalizing on Thales digital assets and recent acquisitions: Thales e-Security, Vormetric, Sysgo, Guavus...
- Thales, a leader in cybersecurity: 2,000 experts, €700m of revenues^(a) in 2017, covering the full cybersecurity lifecycle
- Transformative acquisition of Gemalto

Digital Factory: accelerating the digital transformation across Thales

(a) €500m external revenues + €200m internal revenues



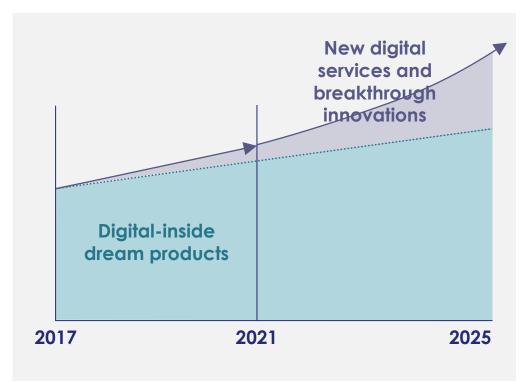
Digital: facilitating growth acceleration now and beyond 2021



Quick adoption of digital technologies inside core products to support top-line growth

Emerging digital services boosting longer-term growth post 2022

 "As a service" business models delivering steady growth and recurring revenues





Examples: digital driving growth acceleration





Digital breakthroughs and new digital services

2018-21

2022 and beyond

Overall opportunity >€100m

- Airline digital services
- High altitude platform stations

Overall opportunity >€1bn

- Single pilot operation
- Unmanned Traffic Management
- In-orbit operations and servicing



Overall opportunity >€50m

 Predictive maintenance and cybersecurity

Overall opportunity >€500m

- Autonomous trains
- Smart infrastructures: "rail Internet of Things"



Overall opportunity >€100m

- Cybersecurity and data protection
- Defence big data platform

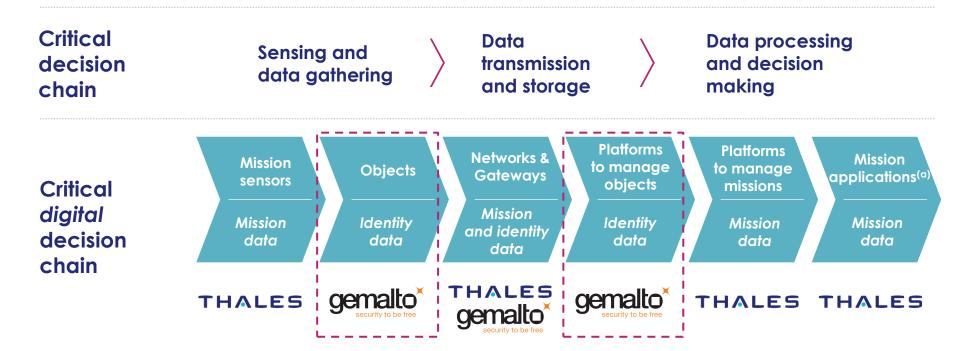
Overall opportunity >€1bn

- Robots in naval domain
- Battlefield cloud for collaborative combat
- "Self-learning" sensors (radars, ...)



5. Thales + Gemalto: powering and securing the complete critical digital decision chain





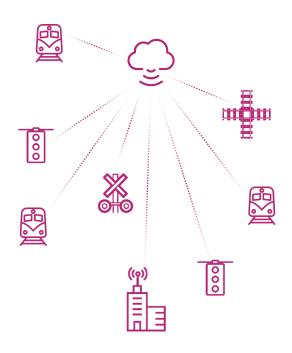
(a) Including big data analytics, artificial intelligence algorithms



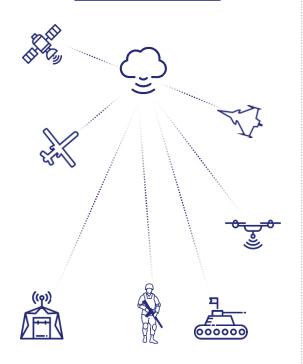
5. Thales and Gemalto: selected use cases



Ground transportation



Battlefield cloud



Silent authentication





















5. Progress on Gemalto acquisition fully in line with plan



Execution of transaction

- Offer formally launched in March, now extended to 15 August
- ≥ €4.6bn offer price fully financed, with €1.5bn financing completed at very attractive rate (<1%)</p>
- Filing of regulatory authorizations fully in line with plan
- Expected closing: H2 2018

Integration planning

- Common 'DNA' and culture: a strong foundation for successful integration
- Straightforward organizational plan: Gemalto to become Thales "Digital security" Global Business Unit
 - Complemented with key Thales digital assets
- Integration team in place
 - Focused on maximizing synergies from day 1, once all approvals are granted



Summary

Unique portfolio positioning

- Markets benefiting from solid underlying growth
- Increased opportunities for technology leaders

Continued focus on operational performance

- Reinforcement of customer-centric organization and culture
- New competitiveness initiatives gaining momentum in coming years

Strong development levers

- Further acceleration of R&D investments, especially in digital technologies
- Transformative Gemalto acquisition

Executing on long-term vision: leadership in all segments





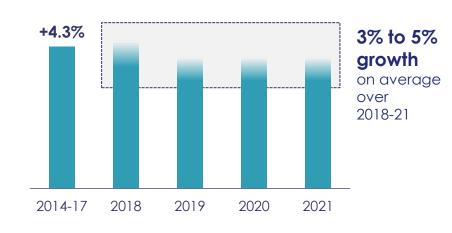
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Organic sales growth sustainably above market

Group organic sales growth target

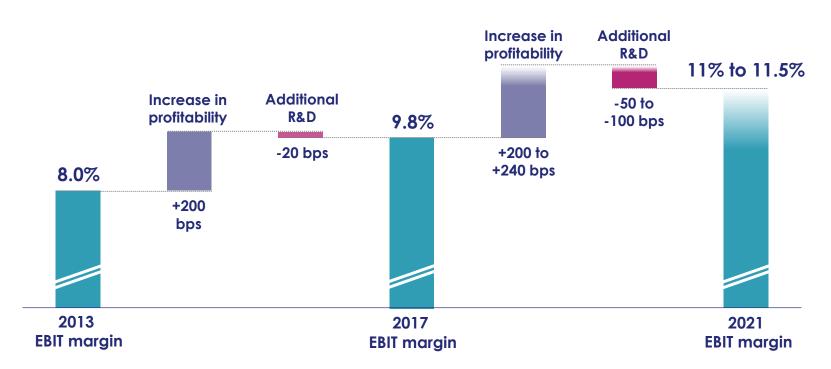






Sustainable new round of margin increase

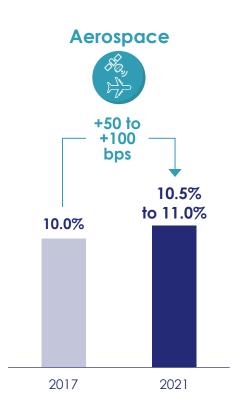
- Investing for the future, notably digital
- Targeting high returns on R&D investments

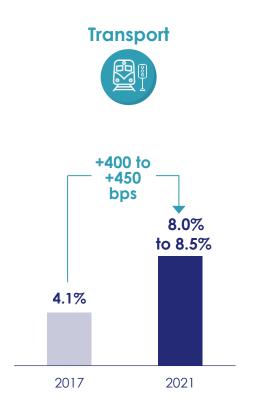


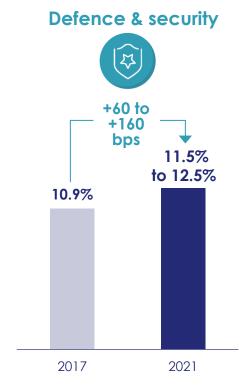


All operating segments to contribute to EBIT margin improvement

EBIT margin targets

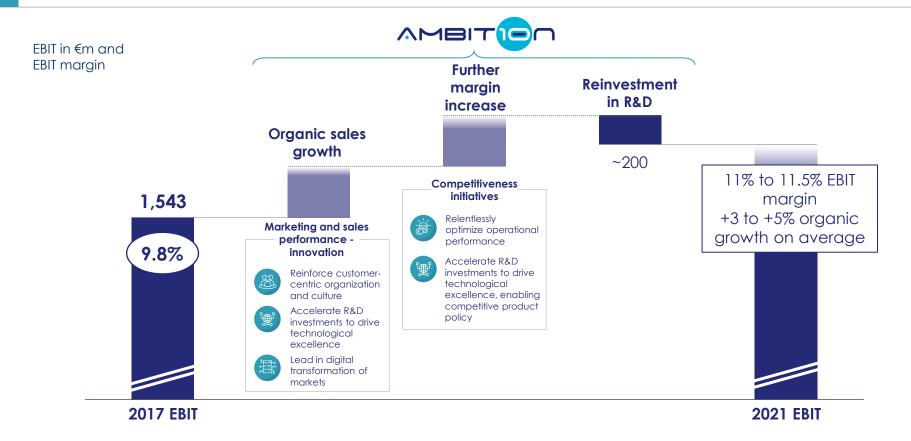






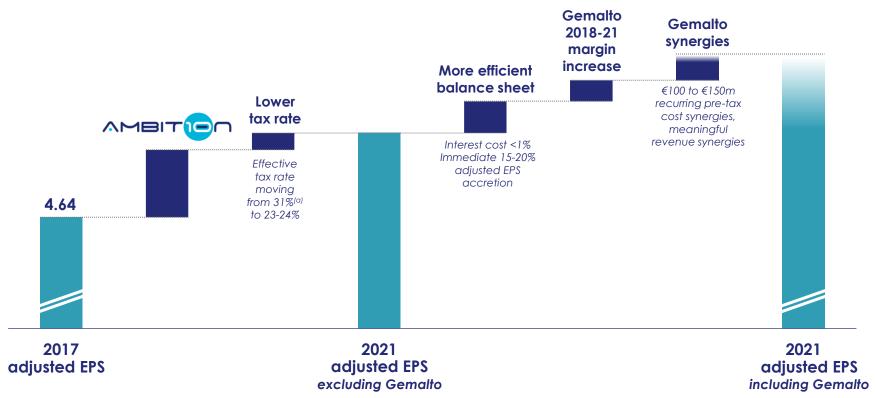


EBIT growth boosted by multiple performance levers





Strategic initiatives deliver significant EPS accretion, with further upside from Gemalto integration



(a) 2017 effective tax rate. 25.9% excluding one-off non-cash tax items



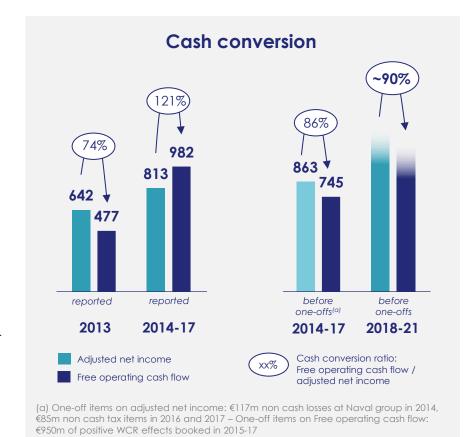
Maintaining strong focus on cash flow generation

2014-17: turning Thales into a cash-flow minded company

- Incentives at all levels
- No compromise on payment terms
- > Higher hurdle rate on capex
- Limited tax cash out vs. tax P&L expense

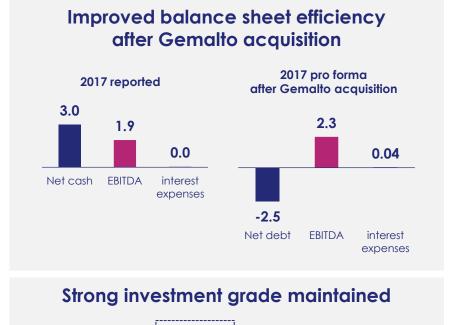
2018-21: further increase in cash conversion before one-offs

- > Targeting ~90%
- In spite of less favorable gap between tax P&L expense and cash out following consumption of net operating losses





A more efficient capital structure to support significant dividend growth whilst maintaining financial flexibility







Dividend growth in line with adjusted EPS

Financial flexibility to allow bolt-on acquisitions while deleveraging the company



2018 financial objectives

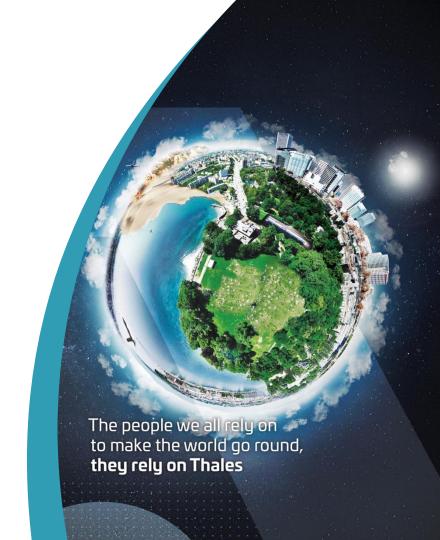
Order intake	Around €15.5bn
Sales ^(a)	Organic growth between 4% and 5%
EBIT(b)	€1,620-1,660m ^(c)

- (a) Compared to pro forma IFRS 15 sales of €15,228m
- (b) Under IFRS 15 standard non-GAAP measure: see definition in appendix
- (c) Based on February 2018 scope and foreign exchange rates



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Appendix



Aerospace business overview

€6.0bn 2017 sales
+6.2% 2014-17 sales CAGR (reported)
+3.6% 2014-17 sales CAGR (organic)
10.0% 2017 EBIT margin

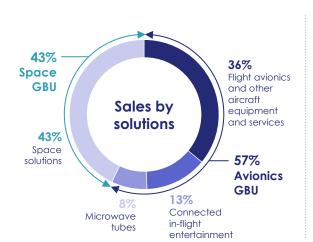
2 Global
Business Units
Avionics
Space

19,000 employees

in **32** countries

footprint
France, Italy,
USA, UK

Main industrial







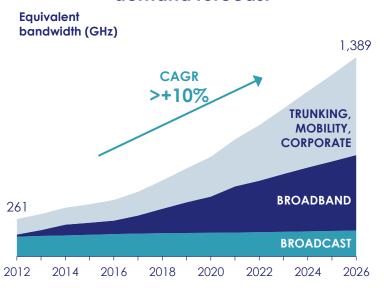


2017 is considered a low-point for the commercial geostationary telecom satellite market



Space remains uniquely placed to address certain telecom segments

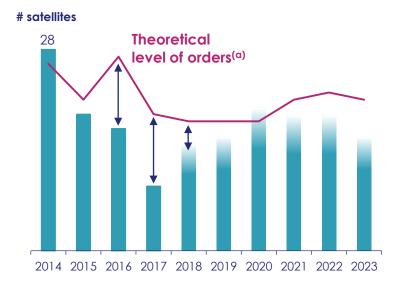
Telecom satellite market demand forecast



Source: Euroconsult

Hesitant market did not anticipate replacement of aging assets

Geostationary telecom satellite order market forecast



Source: NSR – average of 18 orders per year over period
(a) Based on satellites reaching end of life moved 2 years early to simulate lead time



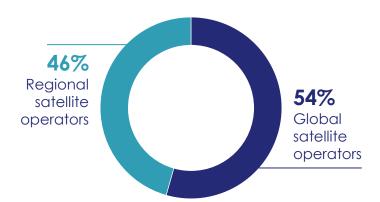
Commercial telecom: leveraging 3 key assets to outcompete peers



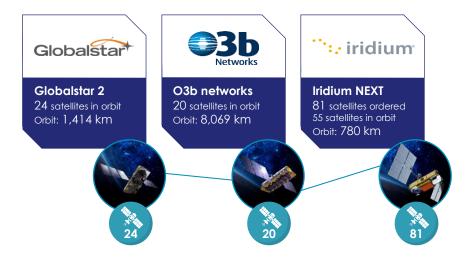


Diversified geostationary telecom satellite client base

2013-17 Thales order intake



Leadership position in constellations

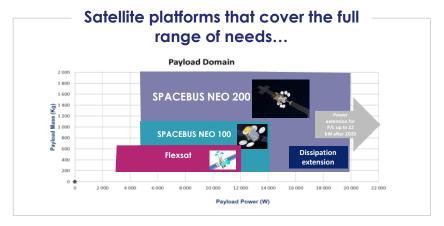




Commercial telecom: leveraging 3 key assets to outcompete peers



State-of-the-art solutions supported by €300m+ self-funded R&D since 2010 - as demonstrated recently by KONNECT VHTS win









Transport business overview



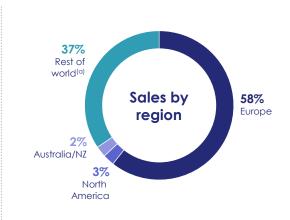
1 Global Business Unit Ground transportation systems

7,000 employees in 42 countries

Main industrial footprint Germany, Canada, UK







(a) Excludes sales through non-consolidated China JV



Transport strategy: 3 pillars





Deliver current and near term commitments

- Governance: full accountability in the business
- Bids & projects: mastering engineering transformation
- Competitiveness focus: procurement, deployment, engineering, products & solutions
- Product policy: structured approach across all projects



Investing in the future

Increase investment in future product policy, leveraging Group digital and cybersecurity portfolio

- New route and train control
- Digital Traffic Management System
- Mobility platform and connected journeys
- Data-driven operations (artificial intelligence and big data analytics)
- Autonomous train
- Smart infrastructures (rail IoT)



Global growth

Focus for growth on long-term markets and large contracts

- Main line in Europe and Asia
- Major urban city markets
- Chinese urban rail market through JV
- Recurring revenue base
- Support and services

Outperforming the market and delivering an 8% to 8.5% EBIT margin by 2021



Defence & security business overview

€8.0bn 2017 sales
+5.5% 2014-17 sales CAGR (reported)
+4.7% 2014-17 sales CAGR (organic)
10.9% 2017 EBIT margin

Global
Business Units
Land & Air Systems
Defence Mission Systems
Secure Communications &
Information Systems

34,000 employees in 33 countries

Main industrial footprint France, UK, Netherlands, Australia







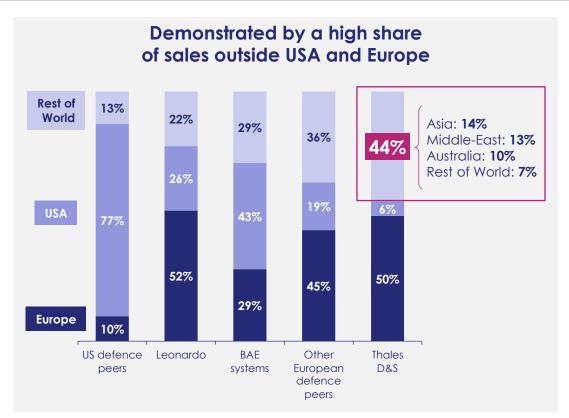


Product offering supported by successful international expansion

Capitalizing on 7 home countries: France, United Kingdom, Netherlands, Germany, Canada, Australia, USA

40-year+ presence in export markets with strong brand affiliation and customer proximity

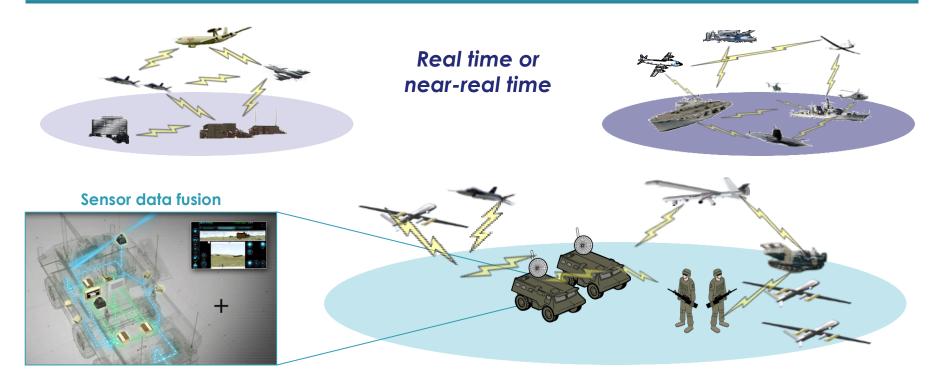
Unique know-how in export and technology transfer



2017 sales by destination – source: annual reports
US defence peers: average of Raytheon, Lockheed-Martin, Northrop-Grumman,
General Dynamics ex. Gulfstream, L3 and Harris; Europe share estimated
Other European peers: average of Saab, Rheinmetall defence, Cobham

New trends: platform interconnection, sensor data fusion, real-time transmission enabling collaborative combat

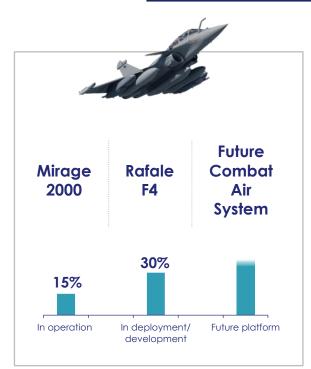
Advanced armies are looking at **collaborative combat** solutions built on digital architectures, highly connected networks, artificial intelligence-aided decision-support to **improve combat efficiency**

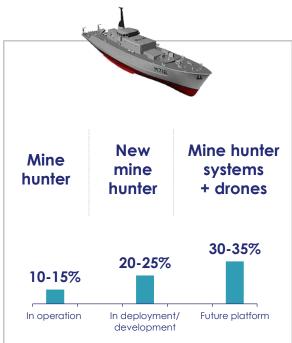




Long-term growth of intelligent systems content in defence platforms

Illustrative value of intelligent systems in platform









Summary adjusted P&L: from sales to EBIT

	2017		2016		change	
	€m	% of sales	€m	% of sales	total	organic
Sales	15,795		14,885		+6.1%	+7.2%
Gross margin	3,845	24.3%	3,609	24.3%	+7%	+7%
Indirect costs	(2,375)	15.0%	(2,285)	15.3%	+4%	+4%
o/w R&D expenses	(797)	5.0%	(731)	4.9%	+9%	+9%
o/w Marketing & Sales expenses	(1,036)	6.6%	(1,017)	6.8%	+2%	+2%
o/w General & Administrative expenses	(542)	3.4%	(537)	3.6%	+1%	+2%
Restructuring costs	(81)	0.5%	(101)	0.7%	-19%	-20%
Share in net result of equity-accounted affiliates excl. Naval Group	106		97		+9%	+15%
EBIT excluding Naval Group	1,495	9.5%	1,321	8.9%	+14%	+15%
Share in net result of Naval Group	48		34			
EBIT	1,543	9.8%	1,354	9.1%	+14%	+16%



Summary adjusted P&L: from EBIT to adjusted net income

€m	2017	2016
EBIT	1,543	1,354
Cost of net financial debt and other financial results Finance costs on pensions and other employee benefits Income tax Effective tax rate Effective tax rate excluding one-off tax items	(24) (63) (403) 31.0% 25.9%	(4) (66) (314) 27.2% 25.7%
Adjusted net income	1,052	971
Minorities	(71)	(74)
Adjusted net income, Group share	982	897
EPS: Adjusted net income, Group share, per share (in €)	4.64	4.25

²⁰¹⁷ effective tax rate impacted by several one-off tax items, for a total of €66m, with no cash impact



Historical sales and EBIT performance by segment

Aerospace



2013 2014 2015 2016 2017



Transport





Defence & security



2013 2014 2015 2016 2017



2013 2014 2015 2016 2017

Total Group





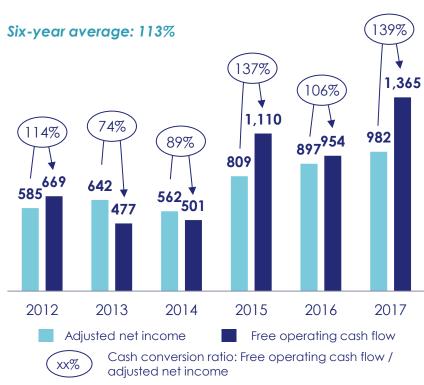
2013 2014 2015 2016 2017

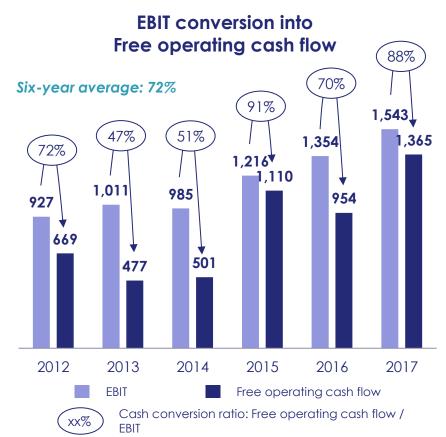
Note: Group EBIT includes equity associate Naval Group (losses in 2014)



Historical trend in cash conversion

Adjusted net income conversion into Free operating cash flow







Definition of non-GAAP measures and other remarks

Rounding of amounts in euros

In the context of this presentation, the amounts expressed in millions of euros are rounded to the nearest million. As a result, the sums of the rounded amounts may differ very slightly from the reported totals. All ratios and variances are calculated based on underlying amounts, which feature in the consolidated financial statements.

Definitions

- > Organic: at constant scope and exchange rates;
- **Book-to-bill ratio**: ratio of orders received to sales;
- > Mature markets: All countries in Europe excluding Russia and Turkey, North America, Australia and New Zealand;
- > Emerging markets: All other countries, i.e. Middle East, Asia, Latin America and Africa.

Non-GAAP measures

This presentation contains non-Generally Accepted Accounting Principles (GAAP) financial measures. Thales regards such non-GAAP financial measures as relevant operating and financial performance indicators for the Group, as they allow non-operating and non-recurring items to be excluded. Thales definitions for such measures may differ from similarly titled measures used by other companies or analysts.

- > EBIT: income from operations; plus the share of net income or loss of equity affiliates less: amortization of acquired intangible assets (PPA). From 1 January 2016, it also excludes expenses recorded in the income from operations that are directly related to business combinations (2017 impact: +€18m, 2016 impact: €+19m). See also notes 13-a and 2 of the consolidated financial statements at 31 December 2017.
- Adjusted net income: net income, less the following elements, net of the corresponding tax effects: (i) amortization of acquired intangible assets, (ii) expenses recorded in the income from operations which are directly related to business combinations, which by their nature are unusual (2017 impact: +€12m, 2016 impact: €+12m), (iii) disposal of assets, change in scope of consolidation and other, (iv) change in fair value of derivative foreign exchange instruments (recorded in "other financial results" in the consolidated accounts), (v) actuarial gains or losses on long-term benefits (accounted within the "finance costs on pensions and employee benefits" in the consolidated accounts). See note 13-a of the consolidated financial statements at 31 December 2017.
- > Adjusted EPS: ratio of adjusted net income (as defined above) to average number of shares outstanding. See note 13-a of the consolidated financial statements at 31 December 2017.
- > Free operating cash flow: net cash flow from operating activities, less: capital expenditures, less: deficit payments on pensions in the United Kingdom. See notes 13-a and 6.4 of the consolidated financial statements at 31 December 2017.



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