

Trusted to deliver excellence

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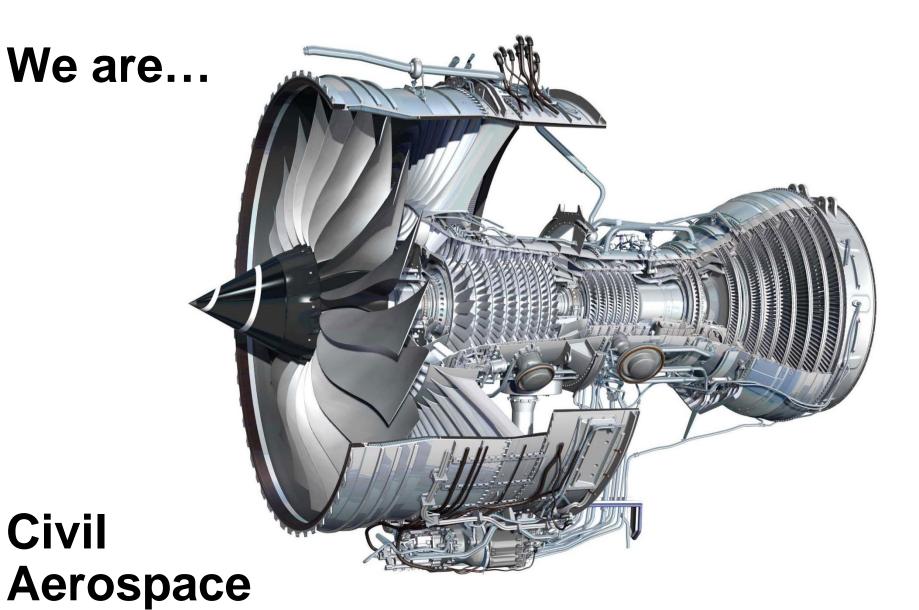
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We are not...







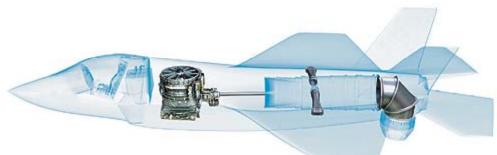


We are... Defense Aerospace









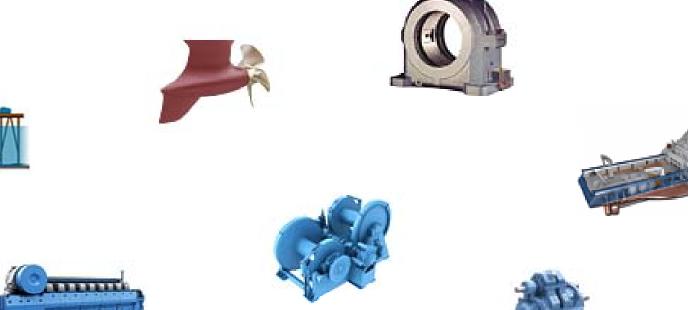




Marine











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We are...

Energy







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Our consistent strategy

Based on five key elements

- address four global markets
- invest in technology, infrastructure and capability
- develop a competitive portfolio of products and services
- grow market share and installed product base
- add value for our customers through the provision of product-related services





2011 financial highlights





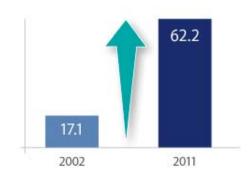
Underlying Group revenue contribution 2011

Civil aerospace	49%
Defence aerospace	20%
Marine	20%
Energy	11%

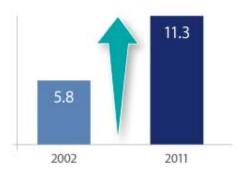


A decade of growth

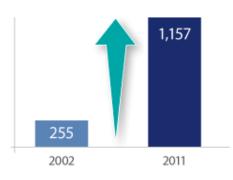
Record order book (£bn)



Record underlying revenue (£bn)



Record underlying profit (£m)



£62.2bn order book

Europe	£14.8bn
Asia and ME	£28.7bn
N America	£13.9bn
S America	£3.2bn
RoW	£1.6bn



Investing globally to support future growth

In the past three years, we have opened 14 new facilities in global locations including:

- UK
- USA
- Germany
- Norway
- China
- Brazil
- Singapore



2011 capital investments

The Group invested £467 million in 2011 on new and improved facilities



We expect to double turnover in the next ten years

Growing markets

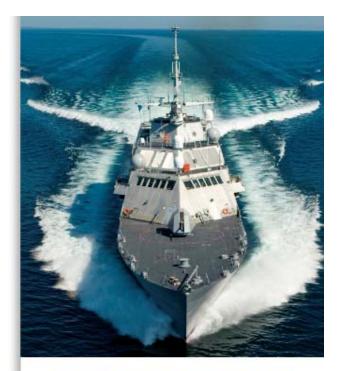
- we address four global markets

Growth of existing programmes

- Airbus A330
- C-130J, V22 Osprey
- Industrial Trent and RB211

Major new programmes

- Boeing 787 Dreamliner
- Airbus A350 XWB
- Airbus A400M
- Littoral Combat Ship
- Wave-piercing UT Design vessel
- F-35B Joint Strike Fighter



Market opportunity over next 20 years

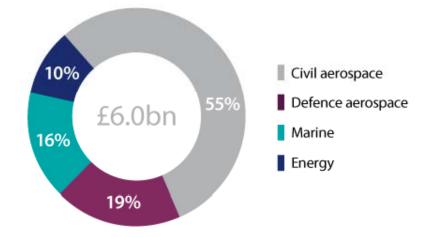
Civil aerospace	US\$1,400bn
Defence aerospa	ce US\$415bn
Marine	US\$340bn
Energy	US\$120bn
Civil nuclear	US\$640bn

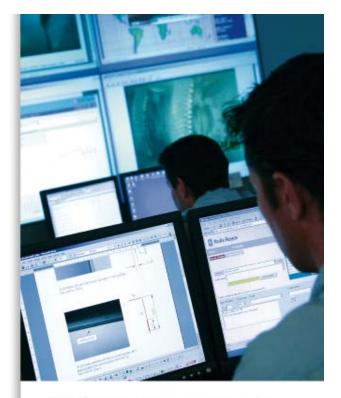


Services

Adding value for customers with comprehensive and advanced services that enhance the performance and reliability of our products.

Contribution to Group services revenue 2011





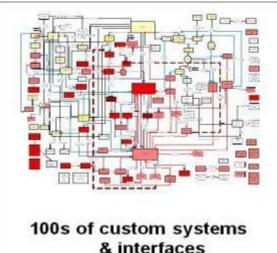
2011 services revenue*

Civil aerospace	£3,340m
Defence aerospace	£1,133m
Marine	£949m
Energy	£597m
Total	£6,019m

*Underlying figures

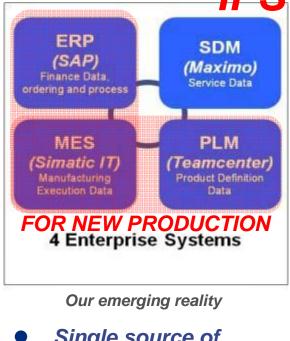


The Corporate Vision





- Cross system process complexity
- Unstable platforms
- Sub-optimal traceability
- Not volume ready
- Not supportable



- Single source of knowledge available for reuse
- Integrated and simplified processes
- Volume ready
- Controlled & stable product
- Supportable



Enabling the Future

Our Future

- Reduced modifications, costs, lead times and nonconformance
- Ability to exploit global assets
- Enabling delivery
- Reduced cost of ownership



IPS Principle

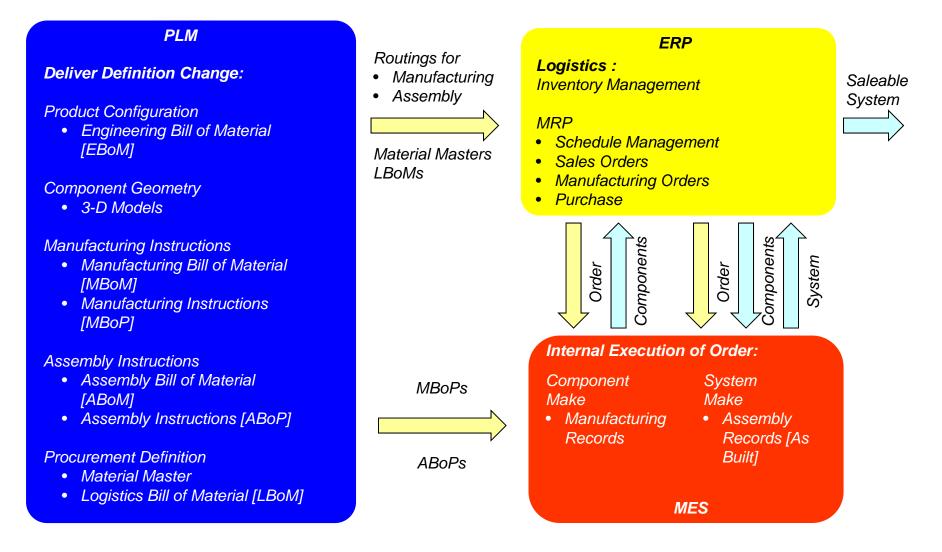


Create once, use many times!

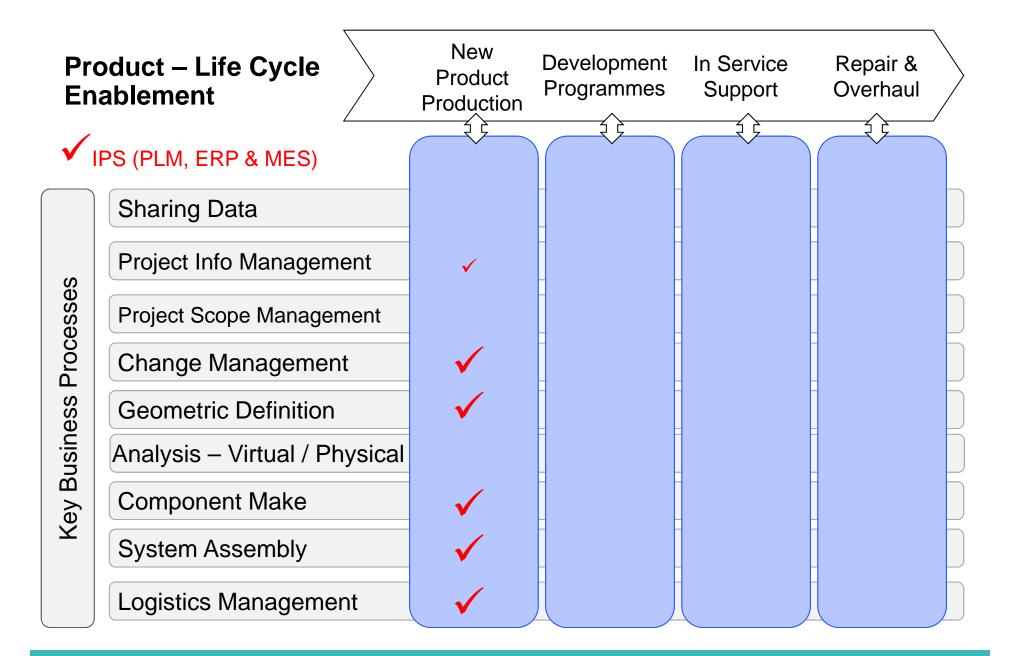


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IPS – Simplified Data Flow Schematic

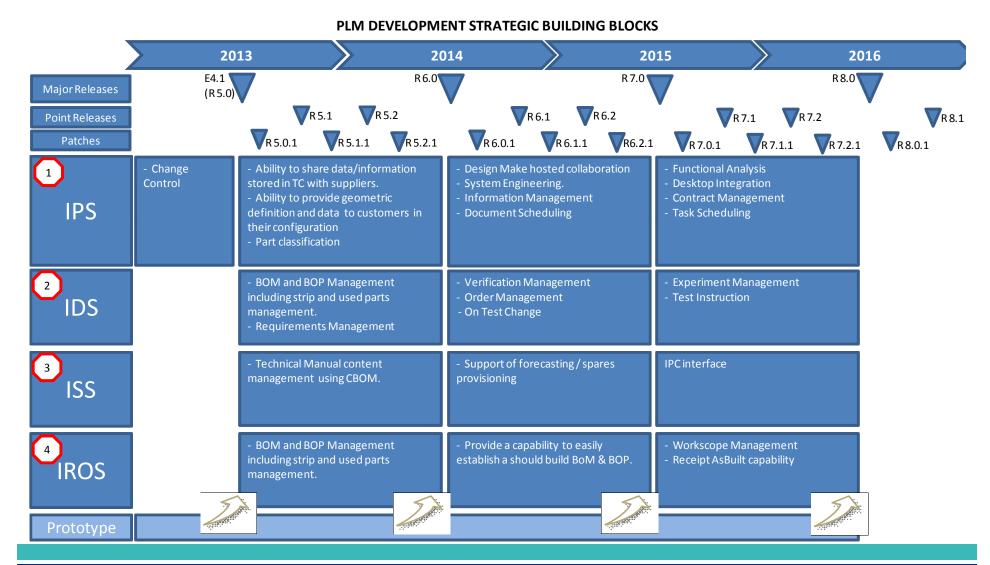








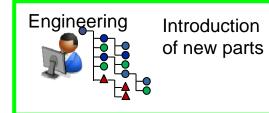
Rolls-Royce PLM Strategy





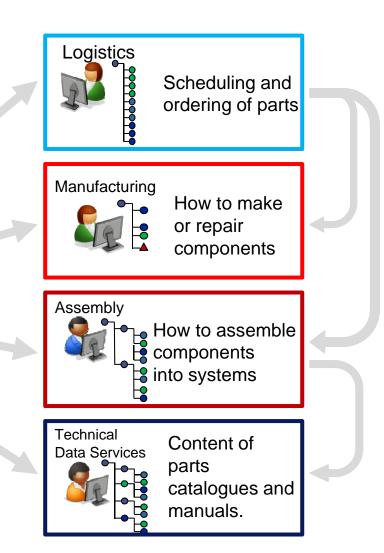
Management of BoMs / BoPs- Today

- Per Product 5 BoMs created and maintained in different systems in different business.
- Each BoM is manually maintained in sync.
- Systems are different across Development, New Prod Build and AR&O



OUTCOME

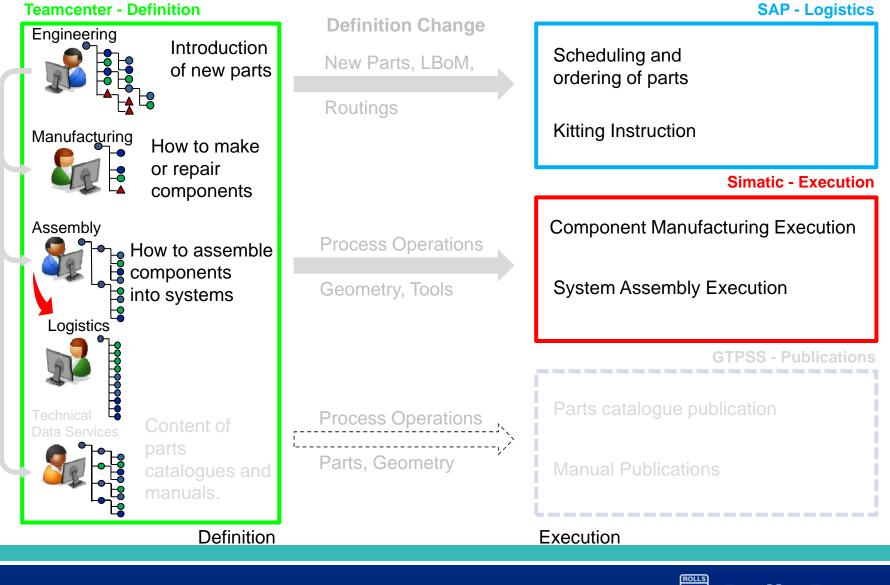
- A significant number of manually maintained BoMs.
- Barrier to sharing work on a Product around the globe.





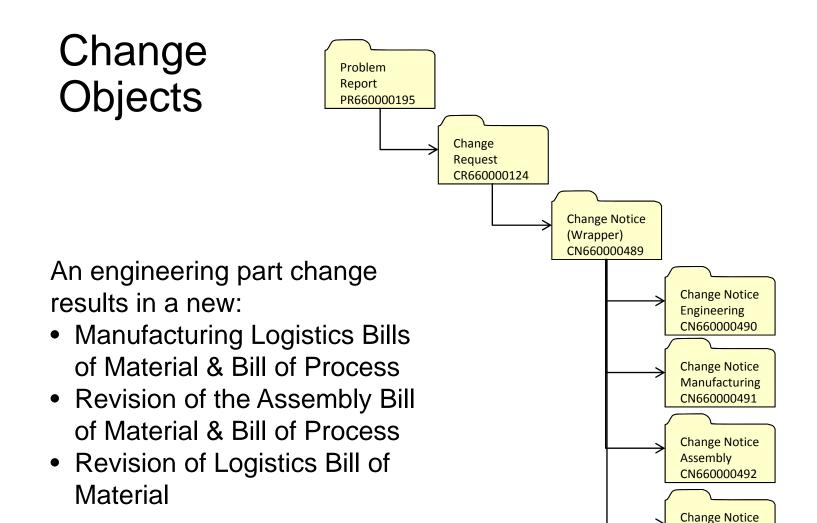
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Management of BoMs with IPS





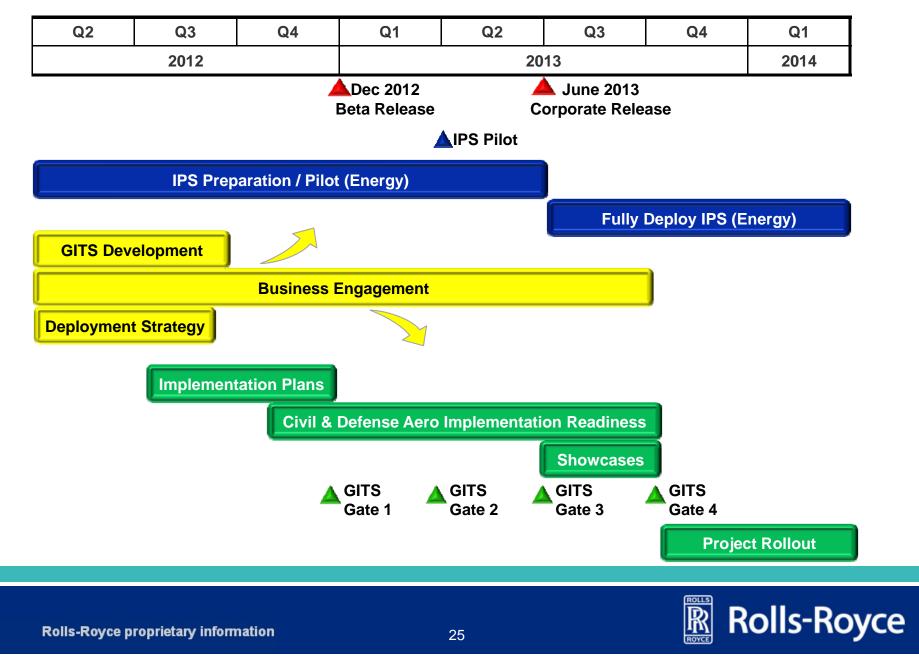
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Logistics CN660000493

New Production Deployment Timeline



PLM will eventually affect the entire product lifecycle Product Test

Manufacturing Engineering & Validation Manufacturing Launch

Production

01

Sales

Sourcing

Product Engineering

> Concept Engineering

Major investment by Rolls-Royce to change the way we work and improve our competitiveness

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& Distribution

Maintenance & Repair

Disposal & Recycling

Requirements & Planning