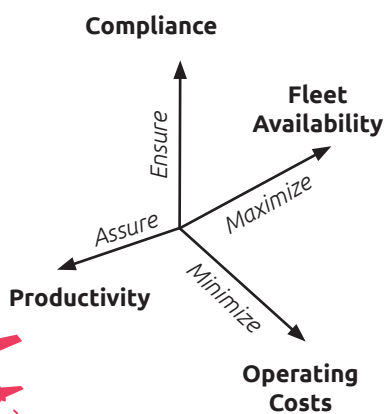




Next Generation MRO Solutions for Aerospace



Goals of our MRO Solutions



The global Aerospace industry is witnessing continual changes thanks to furious pace of technology change and with the developing economies spreading their wings. Aircraft fleets have to be maintained in regions where MRO operations may not exist today. New-generation aircrafts have even more sophisticated avionics making it more exotic and expensive. According to industry reports, the global air transport MRO market will reach USD 109.2 billion by 2027. MRO providers must realize this potential of end-of-life market and be prepared to handle new composite and metal matrix materials.

With a changing workforce profile, use of 3D visualization, AR & VR technologies, IoT & analytics, component & line maintenance, asset health monitoring, advanced simulation in testing and software configuration protocols related training requirements deepen the challenges for MRO providers and OEMs.

Capgemini is a global leader in providing engineering, IT and business solutions to the aerospace industry with specific solutions for the MRO sector. Incorporating the technology shift and innovation partnerships we build engineering solutions for successful products and services in the aerospace ecosystem.



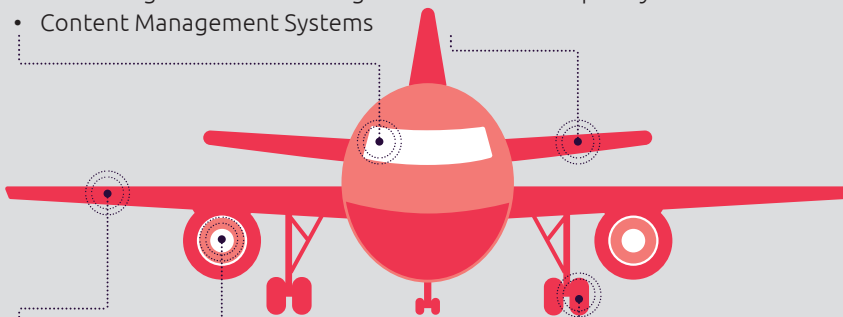
Capgemini's expertise in aerospace and MRO comes from over 30 years of experience with leading aerospace operators, MROs, OEMs, suppliers and technology companies.

Digital Technical Content Management

- 3D Publications
- AR, VR, Mobile Apps
- AI based Virtual Assistants
- Technical Publications Management
- Migration and Digitization
- Consulting and Benchmarking
- Content Management Systems

Mechanical Design and Simulation

- Cabin and structure modification
- Design for manufacturing and serviceability
- Manufacturing Process, Tooling and Ground Support Equipment design
- CAD/ CAE/ CFD / Thermal Analysis/ 3D DMU
- KBE for repair synthesis



Product Lifecycle Management

- Aerospace Industry Solutions
- Services Lifecycle Management
- BOM Management
- ERP Integration
- IoT Data Integration

Engineering Analytics

- Product Design Analytics
- Should Costing
- Manufacturing Analytics
- Prognostic Asset Health Management
- Predictive Maintenance
- Service Analytics

Enterprise Applications

- ERP
- MRO Management
- Supply Chain Management
- Inventory Management
- Field Service Management



- **We work with the top 5 commercial aircraft OEMs and with leading aero engine and tier 1 suppliers**
- **Our experience with aero engines: GE-90, CFM56, GE-115B, LEAP56, SaM146, TP400, SM-X, M88, Ardenid, TRENT 900, Open Rotor(R&D)**

About Capgemini

With more than 190,000 people, Capgemini is present in over 40 countries and celebrates its 50th Anniversary year in 2017. A global leader in consulting, technology and outsourcing services, the Group reported 2016 global revenues of EUR 12.5 billion. Together with its clients, Capgemini creates and delivers business, technology and digital solutions that fit their needs, enabling them to achieve innovation and competitiveness. A deeply multicultural organization, Capgemini has developed its own way of working, the Collaborative Business Experience™, and draws on Rightshore®, its worldwide delivery model.

Learn more about us at

www.capgemini.com

Capgemini's Product and Engineering Services

Capgemini's Product and Engineering Services brings together deep domain and technology expertise for both the digital and the physical world of products. Consulting, technology and assets led solutions enable global companies to unlock the true potential of their product portfolios. A recognized leader, with over 10,000 engineers across the globe and 30+ years of experience, P&ES offers a highly differentiated, comprehensive portfolio of services and solutions to meet the needs of digital engineering in a connected world.

Learn more about us at

www.capgemini.com/p&es

The Capgemini Advantage:

- **Experience:** Over 30 years of successful track record in the aerospace and aviation sector
- **Consulting** led approach for holistic Digital Transformation in the aerospace MRO sector
- **Processes:** Global delivery processes AS 9100C certified for compliance to aerospace standards
- **Standards:** Aerospace product documentation standards ATA 100, ATA iSpec 2200, DITA, AECMA SE, S1000D
- **Partnerships:** Dassault Systems, PTC, Siemens, GE, SAP, IBM, Oracle, Diota
- **Global Presence:** Offices in all key and developing markets for aerospace



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People matter, results count.

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