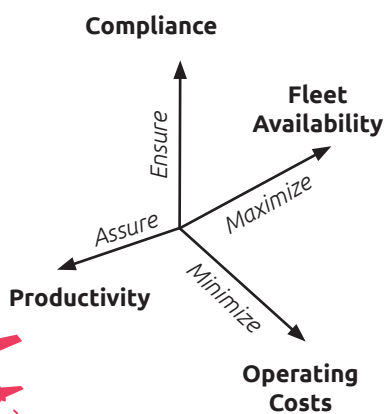




Next Generation MRO Solutions for Aerospace



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.



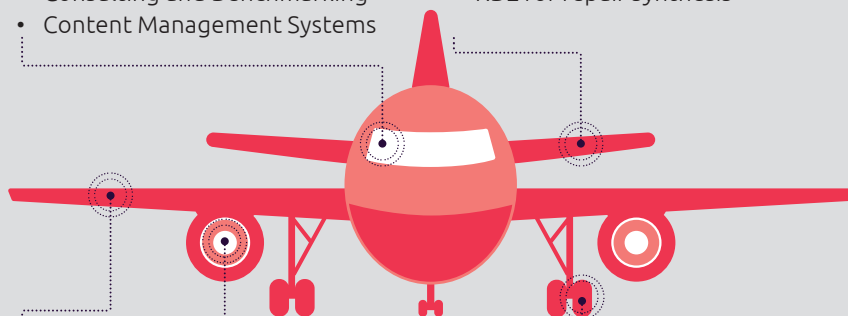
Capgemini's expertise in aerospace and MRO comes from over 30 years of experience with leading aerospace operators, MROs, OEMs, suppliers and technology companies.

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

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



- **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, Ardiden, TRENT 900, Open Rotor(R&D)**

About Capgemini

Capgemini is a global leader in consulting, digital transformation, technology and engineering services. The Group is at the forefront of innovation to address the entire breadth of clients' opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year+ heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. Today, it is a multicultural company of 270,000 team members in almost 50 countries. With Altran, the Group reported 2019 combined revenues of €17billion.

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www.capgemini.com

About Capgemini's Digital Engineering and Manufacturing Services

Capgemini's Digital Engineering and Manufacturing Services brings together deep domain expertise to lead the convergence of Physical and Digital worlds through technology, engineering and manufacturing expertise to boost our clients' competitiveness. A recognized leader with over 10,000 engineers across the globe and 30+ years of experience, Capgemini's comprehensive portfolio of end-to-end solutions enables global companies to unlock the true potential of their product portfolios and manufacturing efficiencies.

To learn more please contact:

marketing.dems.global@capgemini.com



For more information, write to us: marketing.dems.global@capgemini.com

People matter, results count.

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