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.

Next Generation MRO Solutions for Aerospace

Goals of our MRO Solutions

- Compliance
- Fleet Availability
- Productivity
- Operating Costs
- Minimize
- Maximize
- Ensure
- Assure

People matter, results count.
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
- Technical Publications Management
- Migration and Digitization
- Consulting and Benchmarking
- Training Content Management

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

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 EUR12.5 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.

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For more information, write to us: marketing.pes.in@capgemini.com