



Solutions for Aeronautics Industry

DIGITAL TECHNICAL PUBLICATIONS

Development and production of technical publications is a critical function for Aerospace & Defence (A&D) companies, as it is part of the Continued Airworthiness Instructions. Capgemini delivers the technical publications, right first time and on schedule in the needed format.

Our expertise such as Aircraft Maintenance Manual (AMM), Aircraft Illustrated Parts Catalogue (AIPC), Structural Repair Manual (SRM), Wiring Diagram Manual (WDM), Fault Isolation Manual (FIM), and more are delivered with high quality content and substantial cost savings.

Capgemini's technical publications solutions offer end-to-end services for impact analysis, authoring, illustration and publishing, helping firms to reduce the time-to-market and improve quality of the products.

Our state-of-the-art, ready to use infrastructure and dedicated center of excellence (CoE) with 1000+ engineers help delivering the operational cost savings and improved customer services for our clients ensuring strict compliance with the global aerospace technical publications standards like ATA and S1000D.

WHAT WE OFFER

TECHNICAL PUBLICATIONS CORE

- Authoring
- Illustration
- Animations

TECHNICAL PUBLICATIONS PLATFORM

- Configuration & Customization
- Maintenance
- Migration

TECHNICAL PUBLICATIONS USER EXPERIENCE (UX)

- Publishing
- Packaging (3D/ Augmented /Virtual Reality (AR/VR))

TECHNICAL PUBLICATIONS CONSULTING

- Flash Diagnostic Consulting
- Benchmarking Study
- Transformation Consulting

OTHER SERVICES

- REACH
- Service Bulletins
- Configuration Management
- Parts Data Management



OUR EXPERTISE

• MANUALS

- Aircraft maintenance manual
- Aircraft illustrated parts catalogue
- Fault isolation manual
- Structural repair manual
- Aircraft wiring diagram manual
- Aircraft schematic manual
- Non-destructive testing manual
- Service bulletins
- Maintenance planning document
- MSG3 analysis

• TOOLS

- PTC Arbortext
- Adobe FrameMaker
- XML Editor
- Adobe Illustrator
- Tech Illustrator
- IsoDraw
- Creo Illustrate
- 3DVIA/Cortona3D
- Vuforia & Unity

DIGITAL ENABLERS for an *Intelligent Industry*

• Smart Product & Integrated Product Services

Manuals on hand-held devices, 3D service instructions, augmented manuals, service excellence and predictive maintenance

• Intelligent Automation

RPA tool chain to improve the quality and productivity of the service

• Digital Manufacturing

Manufacturing & process documentation, manufacturing work instructions, 3D work instructions, augmented work instructions, digital operator and virtual assistant

• Total Process Manager (TPM)

A single, in-house developed tool for project lifecycle management



SUCCESS STORY

Over 15 years, we have helped a leading commercial aerospace group to improve their end-customer ratings through high quality and standardized technical manuals across all aircraft programs.

OUR ADDED VALUE

Rightshore® approach with global delivery teams

Industrialized approach to **technical publications management**

15+ years of experience of delivering technical publications for large aerospace OEMs

CoE approach to support the engagement throughout the lifecycle

Assured **cost savings**

Academy CoE for competency management and team qualification

Move up the value chain of technical content by embracing **emerging technologies** like AR, VR & interactive 3D

For more information, contact:
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