

Technical Publications Services Engineering and Industrial Services

TCS' Technical Publications services bring together Aerospace domain knowledge and experience in technical writing, illustrations and animations, complimented by special skills to reuse 3D and 2D graphical data for illustrations, animations and IETMs. Our offerings are compliant with ATA 100, ATA iSpec 2200, ASD Simplified Technical English, AICC and SCORM standards.

Software Tool Skills

Authoring

- Arbortext Editor & Styler
- UltraXML
- FrameMaker
- MAXit
- Robohelp

Illustration

- IsoDraw
- Autotrol
- Adobe Illustrator
- Adobe PhotoShop
- Deep Exploration
- Corel Draw & Corel Designer

XML Conversion

- Exegenix
- XML Parsers
- XSLT
- Xmetal

Animations /Interactive Learning

- Flash
- Director
- Deep Creator
- Deep Exploration
- Vis Mockup

Offerings

Aircraft Manuals

- Component Maintenance Manuals (CMM)
- Illustrated Part Lists and Catalogs (IPL/IPC)
- Aircraft Maintenance Manuals (AMM)
- Service Bulletins (SB)
- Engine Maintenance Manuals (EM)
- Trouble Shooting Manuals (TSM)
- Wiring Data Manuals (WDM)
- Structural Repair Manuals (SRM)
- Illustrated Tool and Equipment Manuals (ITEM)

Interactive Technical Manuals

- Interactive Electronic Technical Manuals (IETM)
- 3D pdf manuals for maintenance and manufacturing and assembly process
- eLearning modules

XML and Legacy Conversion

- Automated conversion from any printable format into XML/SGML/HTML formats using Exegenix conversion engine
- Conversion of manuals in legacy formats to FrameMaker or other current tools

Translation

- Translation of technical documents and localization in 15 major European and South Asian languages
- Creation of glossaries/terminology databases
- Creation/management of translation memory

Case Study

Work Content

Creation of CMM and IPL for Aerospace Systems mfr.

Team Size

Dedicated team of 4 people (1 Tech lead, 2 writers, 1 illustrator) since Dec 2004

Tools

UltraXML for authoring, Isodraw for illustrations

Standards

ATA iSpec 2200 and ASD Simplified Technical English

Clients

Combat Vehicle Research and Development Establishment
Danaher Group Companies
Driessen Aerospace
Eclipse Aviation
FMC Technologies (Ground Support Equipment)
General Motors
Goodrich Aircraft Wheels and Brakes

Contact us at corporate.engineering@tcs.com to know how we can help you achieve this.

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People

- Technical Leads
- Technical Writers and Editors
- Illustrators
- Document Structure Specialists
- Instructional Resource Developers

Alliances

TCS and **Right Hemisphere** have entered into an alliance to jointly provide solutions and services in Technical Publications, IETMs, Digital Mock-Ups and Visualizations. Right Hemisphere is the leading provider of Product Graphics Management (PGM) software. PGM is a new category of enterprise software that integrates CAD/PDM and Publishing applications, automates 2D and 3D part to publishing processes, and manages product graphics in all the leading modeling and graphic formats. PGM software enable repurposing of CAD data for downstream applications such as technical publications, Interactive Electronic Technical Manuals (IETMs), Product Mockups and Visualizations and Marketing communications.

About Tata Consultancy Services (TCS)

Tata Consultancy Services is an IT services, business solutions and outsourcing organization that delivers real results to global businesses, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled services delivered through its unique Global Network Delivery Model™ recognized as the benchmark of excellence in software development.

A part of the Tata Group, India's largest industrial conglomerate, TCS has over 100,000 of the world's best trained IT consultants in 50 countries. The company generated consolidated revenues of US \$5.7 billion for fiscal year ended 31 March 2008 and is listed on the National Stock Exchange and Bombay Stock Exchange in