

Luxoft Aerospace Expertise

*Customized PLM/PDM solutions
and services for the
market leaders*



ENGINEERING BUSINESS PERFORMANCE



LUXOFT Aerospace Expertise

We specialize in Product Lifecycle Management (PLM), Computer-Aided Engineering (CAE), and Digital Rights Management (DRM) solutions that include such features as information protection, 3D data exchange, processing and transformation, and mobile application development. Our experience includes designing and supporting mission-critical Product Data Management (PDM) systems that support thousands of users worldwide with highly secure, high-speed access to engineering data 24 hours a day, 7 days a week.

Engineering Data Management

- ◆ Technical data warehousing
- ◆ Bill of materials (BOM) management
- ◆ Documentation distribution
- ◆ Digital rights and access management

Navigation and Flight Planning

- ◆ Route planning
- ◆ Obstacle avoidance
- ◆ Aircraft and airport data management
- ◆ Navigation management
- ◆ Geographic information system (GIS) integration

Lightweight 3D Models

- ◆ 3D data repurposing
- ◆ Integrated 3D workflow
- ◆ Maintenance & MRO manuals

CAD/CAM Extension

- ◆ CATIA/ENOVIA customization and integration
- ◆ Siemens Teamcenter customization
- ◆ CAD/CAM data migration

Certification Support Solutions

- ◆ CAD extension
- ◆ Support for FAA and EASA certification workflows



Legacy CAD/PLM Support

- ◆ Mainframe application support
- ◆ Application re-engineering and modernization

Portal Development

- ◆ Customer support portal
- ◆ Contract management
- ◆ Quality issue management
- ◆ Spare parts catalog management
- ◆ Parts ordering and delivery tracking

Scientific Libraries

- ◆ Mathematical libraries
- ◆ Multiplatform support
- ◆ Extensive, multi-level testing

Services

- ◆ Application Development
- ◆ Architecture Consulting
- ◆ Maintenance and Support
- ◆ Technology Update

Focus Areas

The success of Luxoft Aerospace can be attributed to a clear, thoughtful strategy that allows our team to focus their energies on ensuring the customer's competitive advantage. We concentrate on the industry's most important technologies, giving our customers the benefits of systematic innovation.

Engineering Data Management

- ◆ Data extraction, transformation, and load (ETL)
- ◆ Data storage and distribution
- ◆ Export control management

Business Intelligence and Reporting

- ◆ Data warehousing, data mining, online analytical processing (OLAP)
- ◆ Reporting platforms
- ◆ Cognos, Informatica, Actuate, Eclipse BIRT, MS SQL RS, Adobe Flex



Mobile Technology Adoption

- ◆ Legacy application UI adoption
- ◆ Native applications, rich HTML5 web apps
- ◆ Media content
- ◆ Location-aware services

Domain-Specific Technologies

- ◆ Dassault Systemes CATIA , DELMIA, ENOVIA
- ◆ Siemens Teamcenter
- ◆ E-commerce and trading platforms
- ◆ Telecom
- ◆ Automotive

Luxoft Aerospace Practice Profile

- ◆ Year formed: 2000
- ◆ Projects executed/in development: over 150/27
- ◆ Team
 - Headcount: 450+ people
 - Locations: Moscow, Omsk, Dubna, Kiev, Ho Chi Minh, Seattle
- ◆ Processes
 - CMMI v 1.2 Level 5 certified
 - Macroscopic 4.2, Luxoft Software Development Process, Lean, Agile

About Luxoft

Luxoft is a top quality Eastern European IT service provider that engineers high-end business solutions to clients across the globe. With deep domain expertise in finance, telecom, energy, automotive, travel and aviation industries the company consistently goes beyond clients' expectations by bringing together technology, talent, innovation and highest quality standards.

Key Facts:

- ◆ Founded in 2000 in Moscow, Russia
- ◆ Full subsidiary of IBS Group
- ◆ Operations in the US, UK, Germany, Switzerland, Romania, Poland, Vietnam, Singapore, Russia and Ukraine
- ◆ 5300+ employees

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