

Aerospace Focus

Addressing the Engineering Needs of the Aerospace Industry

Helping you move MBE forward

What We Do

To remain competitive, manufacturers are implementing model-based enterprise, advanced simulation and PLM initiatives supported by best-in-class engineering systems. When product data interoperability issues threaten to impede the progress of these initiatives, you need a partner with proven experience.

We are product data interoperability experts specializing in conversion, integration, validation and migration solutions.

Our customers recognize the value in having a trusted solution partner that provides more than just software. ITI solves complex product data interoperability problems so that the world's leading manufacturers can focus on making great products.

Aerospace Clients We Serve

ATK, BAE Systems, Boeing, Bombardier, Dassault, EADS, General Dynamics, GE Aviation, Harris Corporation, Honeywell, L-3, Lockheed Martin, Moog, NASA, NAWCAD, Pratt & Whitney, Raytheon, Rockwell Collins, Siemens, Snecma, Spirit AeroSystems, Textron, Thales, US Air Force, UTC, Woodward, Zodiac Aerospace, and more.

Major aircraft manufacturers and suppliers engage ITI to architect, develop and implement solutions that enable the model based enterprise (MBE).

- Exchange engineering data both internally and externally.
- Validate the usability and accuracy of model based definition (MBD) data for OEMs and the supply chain.
- Improve the reuse of engineering models in downstream CAE, CAM and PLM applications.

OEMs apply ITI's experience to a wide range of aircraft programs, including:

Single and multi-engine aircraft
Narrow-body and wide-body airliners
Regional short-haul aircraft
Rotorcraft
Missile and launch systems
Unmanned aerial vehicles
Spacecraft and satellites
Military aircraft

ITI's mission critical solutions support key areas of aircraft manufacturing



Product design and analysis

Engineering change management

Legacy aircraft modifications & restarts

FAA type certification

ITAR/LOTAR regulatory compliance

Technical data packaging

Secure engineering information transfer

The global leader customers trust.

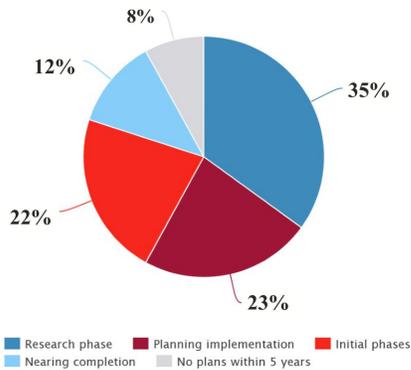
Model Based Enterprise
Advanced Simulation
Product Lifecycle Management
Digital Manufacturing

**Maximize technology.
Drive program success.**
Create Momentum >

 **ITI**
International TechneGroup

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Smarter Planning for the Model Based Enterprise



In a 2014 survey performed by ITI out of 100 Aerospace and Defense companies, 35% were in the research phase of MBE, 23% were planning to implement within a year, 22% were actively in the initial phases, and 12% were nearing completion of their MBE initiatives. Only 8% of companies had no plans to implement MBE in the next 5 years.

Who We Are

International TechneGroup Inc. began in 1983 with a mission to help manufacturers drive innovation and time to market by applying computer-aided product development to engineering problems. Today, ITI is the global leader providing reliable interoperability, validation and migration solutions for product data and related systems.

Contact us today to discuss how ITI can help you create momentum.

www.iti-global.com
info@iti-global.com
1-513-576-3900
1-800-783-9199

Recent Project Successes

Led successful military aircraft MBE pilot that included data transformation, exchange and validation.

Narrow body manufacturer reduced quality escapes through an API-based CAD check of MBD data.

Landing gear manufacturer reduced CAD remodeling through feature-centric translations.

Avionics manufacturer streamlined supplier data exchange by consolidating software and workflows.

Airframe manufacturer met OEM and FAA validation requirements through API-centric CAD validation.

Military fighter manufacturer reduced analysis cycle-time using an automated CAD-to-CAE pre-processor.

Commercial wide body manufacturer reduced headcount through automated technical data packaging (TDP).

Rotorcraft manufacturer improved producibility through automated quality checks of GD&T.

World Headquarters:
5303 DuPont Circle
Milford, OH 45150
USA



Key Program Contribution

DoD NIST MBE PMI Validation
DoD TDP Integration & Validation
Air Force Research Lab CSI Initiative
Air Force Research Lab TiFAB Initiative
Digital Mfg and Design Innovation Initiative



Vendor Partnerships

PTC Platinum Partner
Dassault Systemes Solution Partner
Siemens PLM Solution Partner
ARAS ISV Certified Partner
Autodesk Development Partner



Industry Alliances

AIA
AIAA
LOTAR
NAFEMS
NACFAM
NCMS
NDIA
PDES

"We serve on our clients' internal councils and strategic teams, on a complimentary basis, as neutral third-party advisors."

- Tom Gregory, CEO



International TechneGroup