

Case Study | PLM

ENABLING COST-EFFECTIVE GLOBAL SUPPLY CHAIN CONNECTIVITY

THE COMPANY PARTNERED WITH TATA TECHNOLOGIES TO DELIVER A DATA EXCHANGE CONNECTIVITY SOLUTION TO ENABLE SUPPLIERS ACROSS THE GLOBE IN A CONCURRENT ENGINEERING CONTEXT.

THE CHALLENGE

With suppliers across the globe the company faced several challenges in attempting to connect their global supply chain, to allow them to collaborate effectively in a concurrent engineering context, in a cost-effective manner.

- Leveraging the talent in their supply chain.
- Enabling global outsourcing and offset strategies for light bundle deployments.
- Accessing near real-time data for suppliers.
- Engineering of change order and release processes seamlessly.
- Complying with Intellectual Property (IP) laws and International Traffic in Arms Regulations (ITAR).
- Reducing data alignment errors and delivery slippages.

THE COMPANY

The company provides total rotorcraft capability to its customers worldwide and has a broad portfolio of latest-generation products across all main weight categories for commercial/military applications.



THE SOLUTION

Phase 1 – Quick Start

- Enhance ENOVIA VPM multi-site solution with improvements to existing architecture in terms of: data quality, data flow control and resolution of current issues by priority of importance.

Phase 2 – Foundation

- Replace old solution with new XLM import/export solution.
- Integrate data exchange solution to engineering processes with end-to-end support model.

- Simplify hub-and-spoke architecture.
- Package ready for modular deployments.
- Embed data marking and security control.

Phase 3 – Advanced

- Add more automation for data failure resolution, tracking and monitoring tools, and change control.

THE RESULT

400%

Data failure rate was reduced by 400%

200%

Reduction in the number of incidents



Data accuracy and availability increased two-to five-fold



New site fully operational in less than one week

ABOUT US

Tata Technologies is a global engineering and product development IT services company that is focused on fulfilling its mission of helping the world drive, fly, build and farm by enabling manufacturing companies across the automotive, aerospace and industrial heavy machinery verticals realize better products and drive efficiencies in their businesses. There are two components to our value proposition – managing and delivering outsourced engineering services and products for our manufacturing clients, and helping them identify and deploy technologies that are used to conceptualize, design, validate, build, test, benchmark and realize better products. For more information, visit www.tatatechnologies.com.