L&T Technology Services

PRODUCT DEVELOPMENT & COLLABORATION PLATFORM

L&T TECHNOLOGY SERVICES PARTNERED WITH THE CLIENT TO PROVIDE A COMPREHENSIVE, SECURE, RELIABLE AND COST-EFFECTIVE END- TO-END IMPLEMENTATION, MAINTENANCE AND SUPPORT FOR THEIR PLM SYSTEM.

Engagement	Technology	Ownership	OUTCOME
Product development	PLM Teamcenter 8.3, Akamai — Terra Solutions, Apache Tomcat Web Server	50%	80% reduction in post-producti on defects

The client & industry

A prominent automobile parts manufacturer in Japan, our client specializes in global procurement needs of automobile manufacturers with quality and speed.

Delivery Approach

- Set up an Offshore Delivery Center to handle the complete process
- Study of legacy system and a file transfer tool to establish bi-directional communication with PD Collaboration Framework
- Designing network layout and installation of secured Volume Server and FMS setting Creation of custom service for inter-application communication with no data loss and high performance
- Importing legacy data to PD Collaboration Framework
- Creation of monolithic JT and HPGL files through Teamcenter Dispatcher
- Handover of designs and drawings across global sites
- Setting up of 4-Tier architecture without disturbing the existing 2-Tier architecture
- Suggesting and implementing best solution to resolve any functional or operational issues
- Consultation to enhance business process

Our Solution

We partnered with the client to provide a comprehensive, secure, reliable and cost-effective end-to-end implementation, maintenance and support for their PLM system.

- To replace their existing Environment with PD Collaboration Framework as global repository
- Integrating PD Collaboration Framework with their legacy systems
- Release design data for OEMs
- Automating the processes
- Using Akamai technology for the first time in the world for intercontinental network connectivity and caching
- Accommodating new functionality to PD Collaboration Framework, based on business requirements

- Global support model for users across the world

The following suit of tools was used.

PLM Teamcenter 8.3

Akamai — Terra Solutions, Apache Tomcat Web Server

Benefits Delivered

- Complete control over usage of licenses
- Reduced the COQ (Cost of Quality)
- Reduced time-to-market lead time
- Improved data security
- Reduced the risk of failure
- Better global collaboration

Benefits Impact

We quantified our impact with significant percentages, including:

- 80% reduction in post-production defects
- 40% faster business process and reduction in time to market due to synchronization between legacy systems
- 25% reduction in IT and Systems Support costs
- 20% reduced costs in specific operational areas
- 10% increase in profits

About L&T Technology Services

L&T Technology Services Limited is a subsidiary of Larsen & Toubro Limited with a focus in the engineering services space, partnering with over 50 Fortune 500 companies. A leading pure-play Engineering, Research and Development services company, we offer design and development solutions through the entire product development chain,

across various industries such as Industrial Products, Medical Devices, Transportation, Telecom & Hi-tech, and the Process Industry. We also offer solutions in the areas of Mechanical Engineering Services, Embedded Systems & Applications, Engineering Process Services, Product Lifecycle Management, Engineering Analytics, Power Electronics, Machine-to-Machine (M2M), and the Internet-of-Things (IoT).