

Siemens PLM Software

Engineering and Industrial Services

TCS- Siemens PLM Software strategic partnership has successfully provided best-in-class PLM consulting and implementation services to customers over the years. TCS is currently ranked as 5th leading PLM system integrator in North America as per CIMdata analysis and has more than 275 consultants contributing to the TCS-Siemens PLM Software relationship whereas more than 1200 TCS consultants are deployed around the globe to provide services based on Siemens PLM Software' Product Lifecycle Management (PLM) suite.

Strategic Partnership

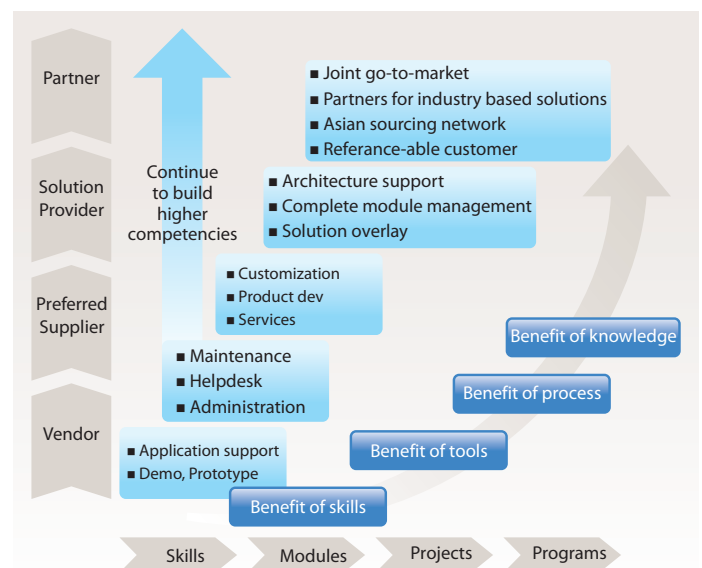
Over Two Decades of Multi- faceted Relationship

- Global System Integration (SI) partnership with Siemens PLM Software brings together best of the breed technology product (Siemens PLM Software) and solution provider (TCS) to provide quality solution at optimum cost and process
- Asian Sourcing Network A groundbreaking initiative deployed by TCS in partnership with A.T. Kearney Procurement Solutions and Siemens PLM Software enabling manufacturers to connect with companies from low-cost countries and source components and access the design capabilities of the same
- Products developed on Siemens PLM Software' platform
 - Teamcenter-FDA Accelerator: Jointly developed with Siemens PLM Software; a PLM based solution catering to the compliance needs of the medical devices industry and aligning it to FDA regulations
 - DMD-CAM: An end-to-end solution for implementation of Direct Metal Deposition (DMD™), a manufacturing technology, invented by Precision Optical Manufacturing (POM) Group Inc
- Industry Services
 - Siemens PLM Software partnered with TCS to develop industry based solutions
 - Customers across various industry verticals such as high technology, medical devices, aerospace and automotive
 - Wide Technology Coverage: Teamcenter Engineering, Manufacturing, Enterprise, Community, NX Open automation, Knowledge Based Engineering
 - Diverse Offerings: Architecture, Customization,

Implementation, eLearning, Enterprise Integrations: SAP, Oracle Mfg, Mfg Pro

- Value Added Services: Data Migration, Administration, Product Engineering, Six Sigma

Journey from vendor to partner



How we help our customers

PLM implementation for Indian Auto major

Business Requirement

Need for common platform for product information thus providing seamless interface for exchanging product data between various design sites and ERP systems

Business Solution

- Migration of all product design processes to Teamcenter Engineering
- Digital validation, faster information access, knowledge re-use and streamlining workflow capabilities of PLM for improved productivity
- Link Teamcenter to SAP to achieve seamless data flow between engineering and supply, manufacturing systems to eliminate supply/assembly delays and errors

Business Benefits

- 50% increase in concurrent vehicle development activity
- Reduction in vehicle development time by about 25-30%
- Reduction in the number of engineering changes and engineering change implementation time by about 50%

TCS - Siemens PLM Software Relationship

Benefits to the customers

The processes, systems and practices coupled with TCS' Global Engineering philosophy offer tangible benefits for customers. Some of which include

- 25 to 30 % reduction in engineering cycle time
- 30 to 45 % reduction in engineering cost
- Scalability and state-of-the-art tools and processes

Material Specification Management for medical devices manufacturer

Business Requirement

To address management of material specification with well defined processes that will connect all the stakeholders who need this information in a unified system

Business Solution

- Delivered a software solution evaluation matrix to enable Make vs. Buy decision
- Established TO-BE system architecture along with the TO-BE process model

Business Benefits

- Estimated benefits of over US \$5 million
- Reduction in material evaluation time for new materials and alternate materials
- Central information repository providing complete traceability for compliance enforced by defined processes, workflows and ownership

Contact

To know more about the TCS Siemens PLM Software, contact corporate.engineering@tcs.com

About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that delivers real results to global business, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled infrastructure, engineering and assurance services. This is 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 a global footprint and is listed on the National Stock Exchange and Bombay Stock Exchange in India.

For more information, visit us at www.tcs.com

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