



## Extract Maximum Value from Your Teamcenter with Syntel's PLM Capabilities

Manufacturers face challenges pertaining to geographically distributed teams, customer needs, and competition. This makes it imperative for companies to embrace a PLM tool to survive and thrive in this competitive environment. As several PLM tools are available in the market, manufacturers find it difficult to choose the optimal tool that meets their needs and implement it successfully to get the desired benefits. Siemens Teamcenter is one of the leading PLM tools with good in-built capabilities. However, maximizing productivity and streamlining global operations by using Teamcenter largely depends on the PLM partner.

### Business Need

Organizations have complex cross-functional processes, which need to be mapped with the PLM tool. This is a complex, time consuming and cost-intensive process. Organizations need a knowledgeable and reliable technology partner to implement PLM to ensure on-time and cost-effective implementation to efficiently manufacture consistent products. However, very few technology service providers have the required experience in Teamcenter and domain knowledge

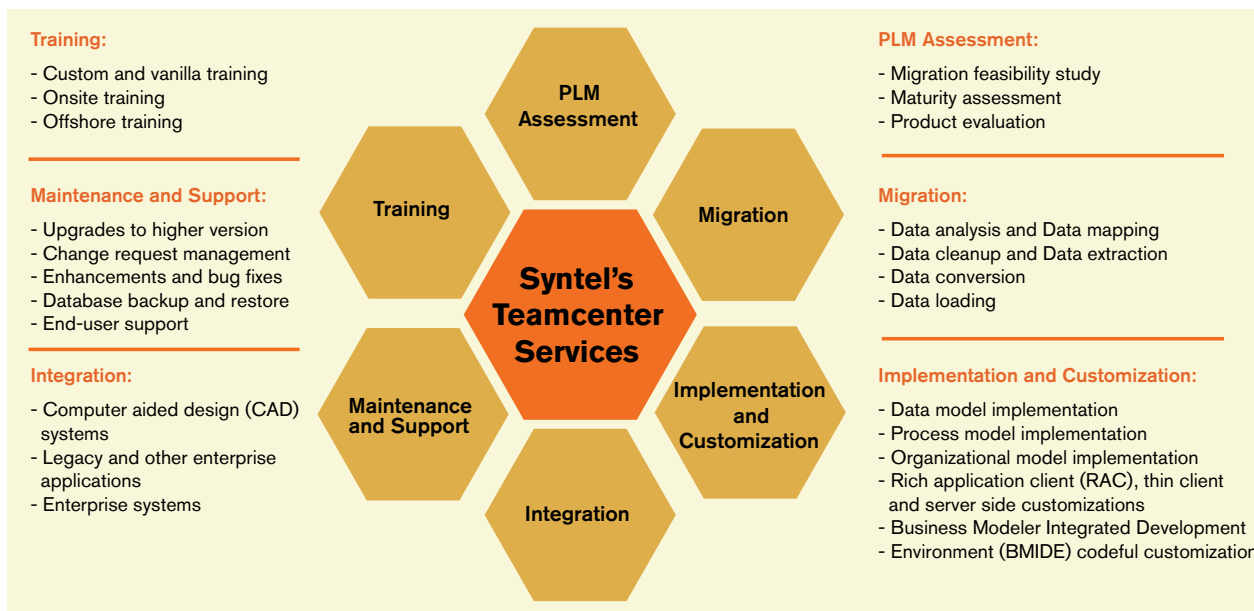
### Syntel Solution

Syntel's expertise in the manufacturing industry and PLM tools over the years has helped us understand pain areas faced by manufacturers. Our ground-up approach to Teamcenter implementation assures optimal use of resources along with:

- Accurate requirements gathering to avoid expensive rework at later stages
- Best practices in Software Engineering and PLM-centric templates to avoid delays
- Frameworks and accelerators developed by Syntel
- Customized training for end users and administrators for optimal usage of Teamcenter and faster ROI (Return on Investment)

### WHY SYNTEL?

- A leading global IT and KPO service provider
- Established in 1980 (NASDAQ: SYNT)
- Offices in North America, Europe, and Asia
- A flexible Global Delivery model with 24x7 support services and cost-effective solutions
- Optimum mix of functional and technical experts committed to delivering service-oriented solutions that generate desired business results



### Syntel's Teamcenter Services

### Business Benefits

- Improved availability of data, helping data reuse
- Disciplined data management
- Enhanced efficiency with engineering process management
- Reduced cost and time-to-market with better integration of enterprise systems
- Better collaboration with multiple departments and vendors
- Efficiently capture and manage complex requirements

### Syntel Advantage

- Proprietary accelerators for requirements gathering, custom code and testing help accelerate implementation and upgrade
- Minimized deployment risk and increased flexibility for future organizational needs
- KARP - knowledge management repository - provides a framework for structured activities, tools and techniques

### Delivering Excellence

#### Syntel Helped a Leading Truck Manufacturer Achieve 100% SLA Compliance

Challenges	Solution	Benefits
<ul style="list-style-type: none"> <li>▪ Integration of legacy systems with Teamcenter</li> <li>▪ Modeling and testing of complex business processes such as Change Management within Teamcenter</li> </ul>	<ul style="list-style-type: none"> <li>▪ Developed interfaces between Teamcenter and legacy systems using WebSphere, SOAP/HTTPS</li> <li>▪ Developed smoke tests, functional tests, test execution, published daily and weekly test reports</li> <li>▪ Identified risks early and escalated promptly</li> </ul>	<ul style="list-style-type: none"> <li>▪ 100% test coverage, 0% defect leakage in production with 100% SLA compliance</li> <li>▪ Reused basic functions for checks/business logic inside legacy systems, thereby saving on effort</li> </ul>

#### World's Largest Car Manufacturer Leveraged Syntel's PLM Strength to Manage Data Across Disparate PLM Systems

Challenges	Solution	Benefits
<ul style="list-style-type: none"> <li>▪ Product structure was authored in Teamcenter and CAD data in a non-Teamcenter PLM</li> <li>▪ Complex data mapping between two systems</li> <li>▪ Need to support light-weight visualization of product data in Teamcenter, as non-CAD users need to visualize product definition data</li> </ul>	<ul style="list-style-type: none"> <li>▪ Developed a framework for event-based product data exchange between Teamcenter and other PLM system</li> <li>▪ Developed generic data model to support logical differences in business objects in disparate PLM systems</li> </ul>	<ul style="list-style-type: none"> <li>▪ Leverage strengths of two systems –Teamcenter and other PLM systems</li> <li>▪ Controlled product information exchange so that work-in-progress data is not shared</li> </ul>