



Migrating to Windchill PLM 11.x With Syntel's Upgrade and Migration Factory

- Organizations using Windchill 10.2 (or below) will need to upgrade to avail of the robust features, the latest CAD tools and enhanced functionalities of Windchill 11.x. The lack of skilled resources, professional support and technical support from Parametric Technology Corporation (PTC) renders this upgrade mandatory and many organizations are struggling to migrate their older systems by September 2018.

Legacy systems, increasing maintenance costs and lack of skilled resources are driving manufacturers to search for faster and scalable solutions to support their systems. As skilled resources upgrade themselves to better technologies, Windchill PLM users should partner with an application management expert for seamless upgrade without any business interruption.

Syntel's Solution

Syntel's **PLM Upgrade and Migration Factory** uses a best-in-class approach, combined with technology accelerators to meet their customer's PLM upgrade/migration needs. With their rich experience and proprietary tools, Syntel's solution manages the complex data, interactions and workflows associated with the product development process.

Key steps to a seamless Windchill 11.x Migration include:

1. Workshop to aid PLM landscape development/enhancement
2. Assessment to estimate project duration and cost for PLM Upgrade and Migration
3. Detailed roadmap aligning business needs with technical feasibility through proprietary templates, processes and standards
4. Use of accelerator tools for data cleansing, data processing and data validations
5. Knowledge transfer to customers

SYNTEL'S PLM PRACTICE

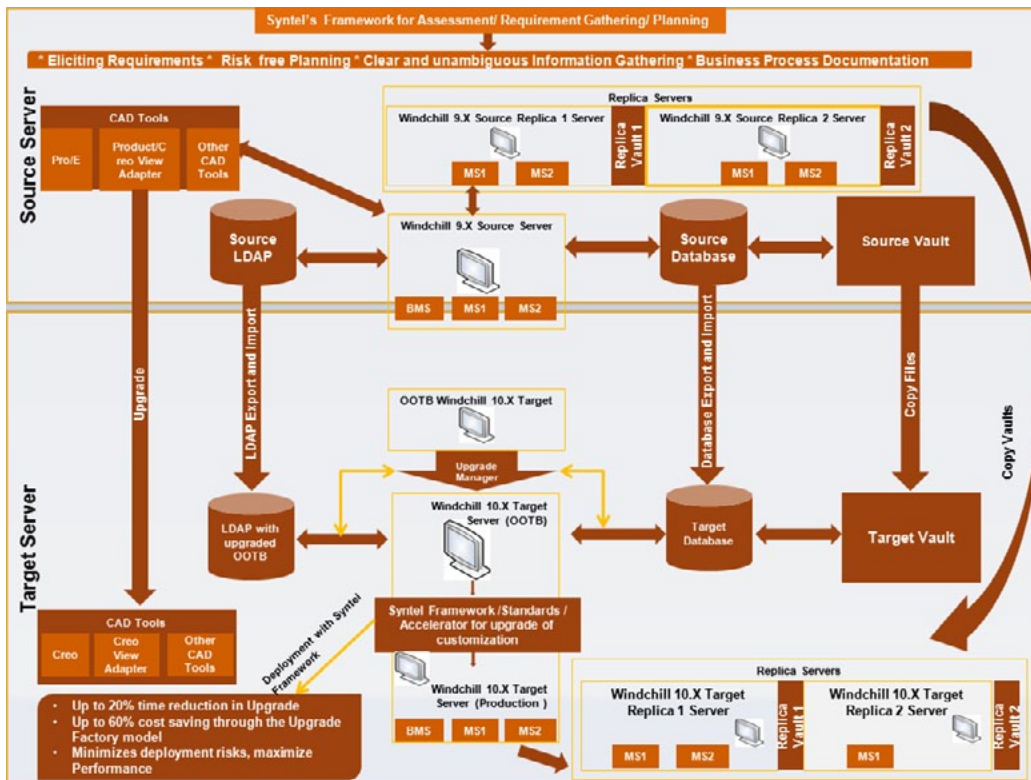
Syntel's **PLM Services** provide the right combination of strategic and financial value. We help our customer plan, build, run and manage the complete life cycle of your PLM systems, guaranteeing effective returns.

Syntel's approach is to diagnose your business systems, capturing knowledge from user communities, identifying pain areas, and benchmarking your processes before offering a solution. PLM services and solutions span across PLM Systems Management, Design Engineering Services, Collaborative Product Engineering and Closed Loop Design Automation.

Key features include:

- **Collaboration with customers** to provide solutions in line with their business and future needs
- **Eliminates threats** by discarding solutions which are the limitations of various processes and tools
- Specifically designed service offerings with **roots in various upgrade components**
- **Able supported by research and developments**, to get results in optimal time, with maximum efficiency

Solution Overview



WHY SYNTEL?

- A leading global IT and KPO service provider
- Established in 1980 (NASDAQ: SYNT)
- Global Reach: Offices in North America, Europe and Asia
- Flexible and cost-effective onsite-offshore global delivery model
- Rich Windchill Experience
- Dedicated Centers of Excellence (CoE), such as **Application Testing, BI-DW and Analytics, Enterprise Integration Services, Infrastructure Management**
- Successful Windchill upgrade projects for five Global Manufacturing Organizations
- Quick assessment for PLM upgrade and migrations to determine accurate project budget and project duration
- Accelerator tools for data cleansing, data processing and data validations

Salient Features of the Solution

Syntel's expertise in Windchill11 upgrade enables clients to unleash new functionalities, improve software utilization and reduce redundancies in the system. Key features include:

- No adverse impact on the client's existing IT architecture
- Use of Syntel's offshore facilities to reduce investments in development environment
- Choice of using client's development, test and validation environments
- Use of Syntel's proprietary state-of-the-art methodologies
- Stabilization and optimization of client's systems using accelerators and tools
- Expert advice on realistic expectations of the returns on PLM investments

Business Benefits

- **Up to 60% cost saving** through the Upgrade Factory model
- **Increased efficiency and enhanced productivity**
- **Quicker adaptation** to the new PLM environment
- Minimized deployment risks and **accelerated time to value**
- **Increased flexibility** for future organizational growth
- **Ongoing support** and project advice

Delivering Excellence with Syntel's PLM Practice

Upgrading from Windchill 9.1 to 10.1

The client is a Fortune 500 company with a legacy system that was incapable of handling change and configuration management, and required manual intervention. Syntel replaced their legacy system with a state-of-the-art Windchill solution, allowing design and manufacturing information to be globally visible from one system. Benefits included:

- Data validation in Windchill to ensure data integrity before manufacture
- Customization in Windchill to add classes and functionalities to accommodate future data models
- Better monitoring of changes
- Creation of secured backup system
- Secured data migration, without any loss of data