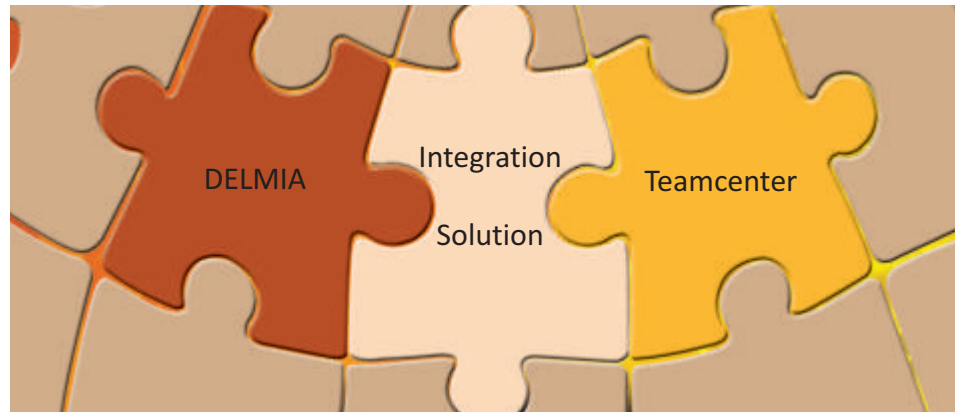**Geometric**

DELMIA – Teamcenter Integration

Product development companies constantly need to create innovative products to meet the complex and ever changing customer needs. They require robust systems to meet this need, to reduce both development cost and time-to-market. They often deploy the best-of-the-breed packaged solutions to address these imperatives. The challenge, however, lies in integrating available disparate systems seamlessly across various departments, locations and vendors.

Geometric's interoperability solutions enable a richer collaboration and higher productivity, while maintaining integrity and consistency of the information across the product lifecycle.

Geometric has developed an enterprise solution for DELMIA – Teamcenter Integration which provides process driven integration for exchange of design, engineering and manufacturing data between Teamcenter and DELMIA Manufacturing Hub.

Features

- Engineering BOM exchange
- Synchronized part changes
- PDM initiated change management
- MBOM/ Planning BOM exchange
- DELMIA initiated engineering change management
- DELMIA initiated manufacturing change management

Data Exchange Support

- Product structure and Metadata
- Part versions & revisions, and lifecycle states
- Position matrices (relative and absolute)
- CAD neutral files and attachments
- Configurations, effectivity, variants and options
- Engineering change objects

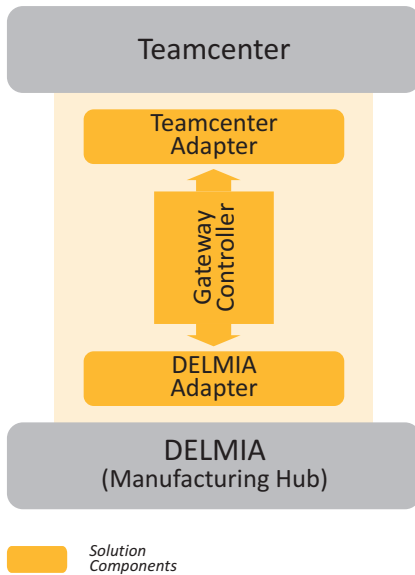*Solution can be customized to support other business objects, as per customer needs.*

Platform Qualification

Pre-requisites
- Teamcenter platform (Engineering/Enterprise/Unified)
- DELMIA Manufacturing Hub
- Web Application Server
- CAD Translator (optional)

Operating Systems
- Microsoft Windows XP, Windows 2003 Server
- UNIX: HP-UX, Solaris and AIX

Teamcenter

Teamcenter
Adapter

Gateway
Controller

DELMIA
Adapter

DELMIA
(Manufacturing Hub)

*Solution
Components*

Provides high productivity and rich collaboration between engineering and manufacturing users.

Solution Benefits

Better performance and improved quality

- Reduced design/ manufacturing planning time
- Unified product reference across design and manufacturing domains
- Access to latest configuration data and context for manufacturing users
- Collaboration and change management across engineering and manufacturing domains, eliminating costly downstream issues early in the lifecycle
- Elimination of data exchange errors during manual/ semi-automatic exchange of data
- Propagation of incremental changes efficiently

Minimal change in Usability

- Transactions run in the background without requiring user inputs, resulting in reduced training needs and transparency in the integration process
- Users continue to work in their native environments due to the asynchronous nature of integration

Lower cost of ownership

- Deployment in less than 50% of the time required for a comparable custom solution
- Enables a quick pilot in 2-4 weeks making gap identification easy
- Support for new releases of DELMIA and Teamcenter provided as part of product maintenance
- Solution approved by respective PLM vendors
- Configurable and customizable solution to suit varied customer needs

Contact us

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About Geometric

Geometric is a specialist in the domain of engineering solutions, services and technologies. Its portfolio of Global Engineering services and Digital Technology solutions for Product Lifecycle Management (PLM) enables companies to formulate, implement, and execute global engineering and manufacturing strategies aimed at achieving greater efficiencies in the product realization lifecycle.

Headquartered in Mumbai, India, Geometric was incorporated in 1994 and is listed on the Bombay and National Stock Exchanges. The company recorded consolidated revenues of Rupees 4.86 billion (US Dollars 121.6 million) for the year ended March 2008. It employs close to 3000 people across 10 global delivery locations in the US, France, Romania, India, and China. Geometric is assessed at SEI CMMI Level 5 for its software services and ISO 9001:2000 certified for engineering operations. For further details, please visit www.geometricglobal.com.

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Engineering **l** PLM **l** Technology