

## PLM Adapters for WBI/ WPS/ WMQ

Bi-directional integration between PLM and other enterprise systems

Product development companies need robust systems to create innovative products, catering to complex and ever changing customer needs while reducing both development cost and time-to-market. Best-of-the-breed packaged solutions have already been deployed to address these imperatives, the challenge lies in integrating these disparate systems seamlessly across various departments, locations and vendors for richer collaboration and higher productivity while maintaining integrity and consistency of the information across the product lifecycle.

PLM Adapters for WBI/ WPS/ WMQ are components that integrate PLM systems with other enterprise systems based on proven technologies like IBM WebSphere Business Integration (WBI), IBM WebSphere Process Server (WPS) and IBM WebSphere MQ (WMQ).

### Released Products

- **PTC Windchill PDMLink Adapter for WBI/WPS**
- **Siemens PLM Teamcenter Enterprise Adapter for WMQ/WBI/WPS**

### Typical Use Cases

- Design collaboration across PDM systems across departments and locations
- Integration with other enterprise systems like ERP and MRP
- Integration with Manufacturing planning (MPM) and execution systems (MES)
- Supplier integration
- Integration with project/ portfolio management applications

### Data Exchange Support

- Product structure
- Documents
- Configuration management
- Change management

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

### Platform Qualification

- **Pre-requisites:** Windchill PDMLink/ Teamcenter Enterprise and IBM WebSphere Business Integration (WBI)/ IBM WebSphere Process Server (WPS)/ IBM WebSphere MQ (WMQ)
- **Operating Systems**
  - Microsoft Windows XP, Windows 2003 Server
  - UNIX: HP-UX, Solaris and AIX

*For detailed platform qualification information, please refer product documentation.*

## Solution Benefits

### Better Performance and Improved Quality

- Efficient integration of multiple enterprise systems with PLM systems
- Allows focus on business process integration rather than technical integration
- Unified product reference across the extended enterprise
- Collaborative change management across the enterprise
- Reduction of data exchange errors occurring during manual/ semi-automatic transfers
- Reduced implementation risk as it is based on the proven IBM WBI/ WPS technology
- Resulting integrations are adaptable to changing business needs

### Usability

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

### Lower Cost of Ownership

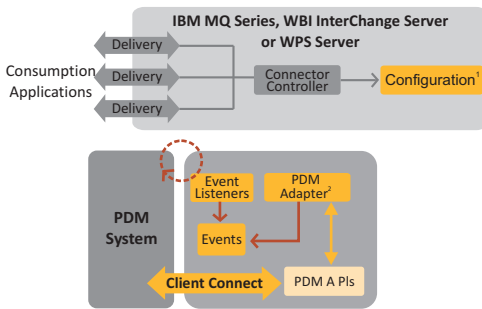
- Rapid deployment as time taken is lesser than a custom solution
- Support for new releases of PLM systems is provided as part of product maintenance
- Solution is configurable and customizable to suit customer needs

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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 (USD 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](http://www.geometricglobal.com).



Our Solution Components

Provides asynchronous integration between PLM and other enterprise systems.

## Contact Us

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