

Process-driven Exchange of Design and Engineering data between ENOVIA V5 VPM and Teamcenter

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.

V5-xPDM Gateway is an enterprise integration solution that allows process integration for exchange of design and engineering data between ENOVIA V5 VPM, Teamcenter Engineering and Teamcenter Enterprise.

Released Products

- **V5 - xPDM Gateway Teamcenter Engineering**
- **V5 - xPDM Gateway Teamcenter Enterprise**

Features

- Exchange product structure
- Synchronize incremental changes
- Multi-CAD design in context
- Collaborative change management
- Control ownership
- Supplier integration
- Weld data mapping

Data Exchange Support

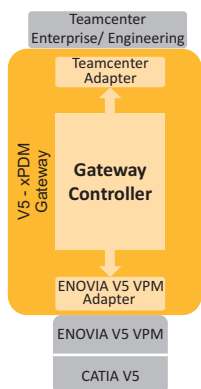
- Product structure
- Metadata
- Part versions and revisions
- Position matrices (absolute & relative)
- CAD neutral files and attachments
- Configurations, variants and options
- Engineering change objects
- Additional information like weld data

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

Platform Qualification

- **Pre-requisites:** ENOVIA V5 VPM, Teamcenter Engineering/ Enterprise, IBM Websphere Application Server, CAD Translator (optional)
- **Operating Systems**
 - Microsoft Windows XP, Windows 2003 Server
 - UNIX: HP-UX, Solaris and AIX
- **Browser:** Internet Explorer 6.0 or higher and Mozilla Firefox 1.5 or higher

For detailed platform qualification information, please refer product documentation.



Our Solution Components

Provides high productivity and rich collaboration between designers and engineers.

Users can leverage advanced capabilities of CATIA V5 coupled with ENOVIA V5 VPM such as relational design and design in context.

Contact Us

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Solution Benefits

Better Performance and Improved Quality

- Enables unified product reference across the extended enterprise
- Fast and robust process driven data exchange reduces engineering/ design cycle time
- Reduces data exchange errors that occur during manual/ semi-automatic transfers
- Propagates incremental changes, to eliminate the need for exchange of product structures
- Automates workflows spanning engineering and design domains to ensure traceability
- Built-in BOM exchange framework and engineering change management spanning across PLM systems

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 since less than half the time is required for deployment of a comparable custom solution
- Enables a quick pilot (2/4 weeks), which makes gap identification very easy
- Support for new releases of ENOVIA and Teamcenter as part of product maintenance
- Solution approved by respective PLM vendors
- 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.

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