



Teamcenter Express Options

Jim Mays

Teamcenter Express Product Manager

UGS Velocity Series





Teamcenter Express *Options*



- ▶ **Multi-CAD**
- ▶ **Multi-site**
- ▶ **ERP Configuration**
- ▶ **Classification**
- ▶ **Evolution to Teamcenter**



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Teamcenter Express

Multi-CAD support



- ▶ **Teamcenter Express** supports customers who work in a Multi-CAD environment
 - CAD integrations from the Teamcenter portfolio are available for use with Teamcenter Express
 - Provides check-in/check-out, search and retrieval, and product structure management for all major CAD systems
- ▶ *Flexibility to manage legacy CAD data and data from customers, suppliers and acquisitions*
- ▶ *Enables common processes across different CAD systems and facilitates CAD transition strategies*





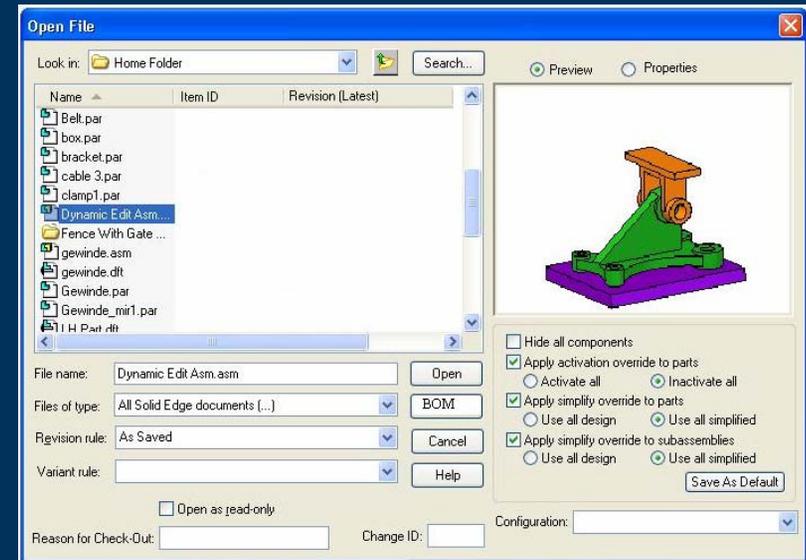
Teamcenter Express

Best-in-Class integration – Solid Edge



- ▶ Solid Edge Embedded Client – best-in-class integration between **Teamcenter Express** and **Solid Edge**

- Seamless integration for all File Operations
- Document Attribute Mapping
- Assembly Pathfinder displays key Teamcenter attribute and status data
- Synchronized releases, dedicated development team



PDM functions are transparent to the Solid Edge user when performing typical design tasks



Solid Edge

Design Management Solutions



- ▶ **Solid Edge Insight** is a dedicated product design management solution that provides a standardized, pre-defined solution for well defined workgroups using Solid Edge
- ▶ **Teamcenter Express** with the Solid Edge Embedded Client provides collaboration across multiple departments and over multiple sites, support for multiple design systems and additional workflow capabilities to manage product release and the engineering change process
- ▶ **Teamcenter Engineering** with the Solid Edge Embedded Client is a complete engineering process management solution for global technical users that provides deeper, more flexible and configurable solutions addressing the full PLM process in a global environment

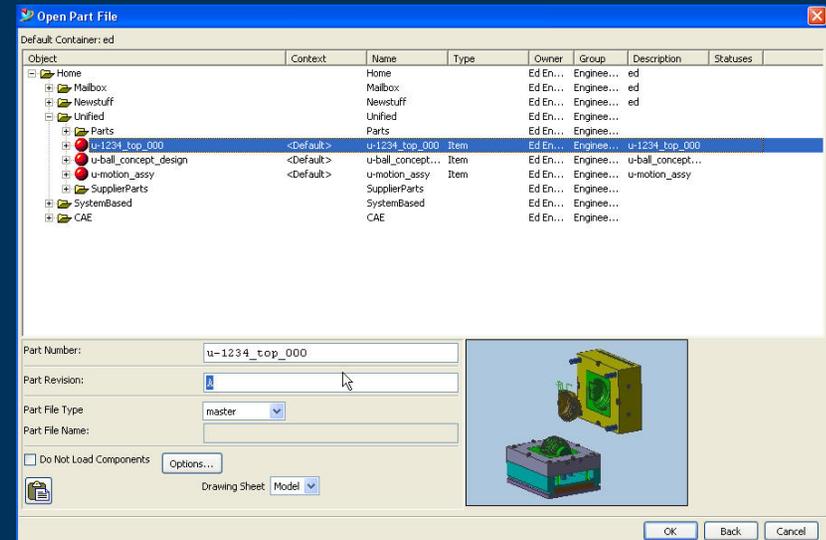


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Best-in-Class integration – NX



- ▶ NX Managed Development Environment – best-in-class integration between **Teamcenter Express** and **NX**
- Automatic revision control ensures data integrity and traceability
- Implicit Check-In/Check-Out enables shared design activities
- Synchronized assembly control allows designers freedom to configure complex product structures - NX or Teamcenter
- Embedded viewing enables 2-D and 3-D data to be viewed independent of NX



PDM functions are transparent to the NX user when performing typical design tasks



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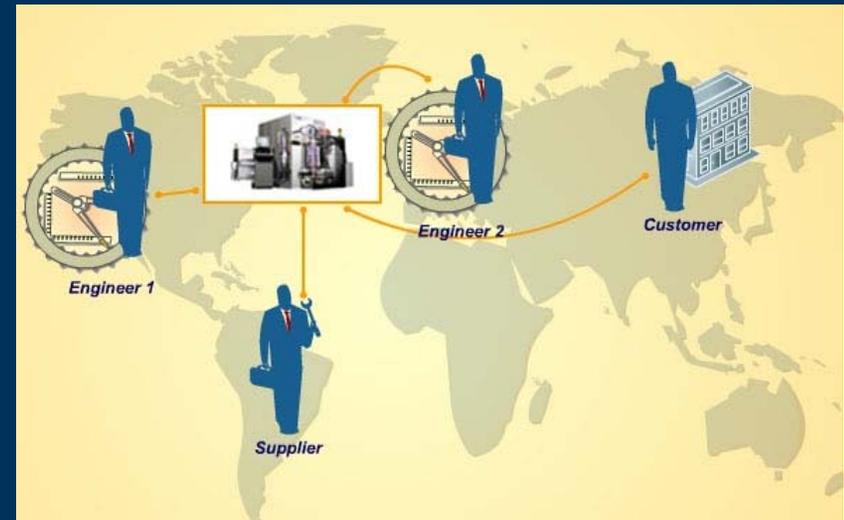
Teamcenter Express

Multi-Site Option



- ▶ **Teamcenter Express** users can take advantage of Teamcenter's proven Multi-Site collaboration technology:

- Supports geographically dispersed product teams
- Enables replication of data between databases while enforcing ownership of the data by a specific user
- Federates geographically dispersed databases into a single logical system

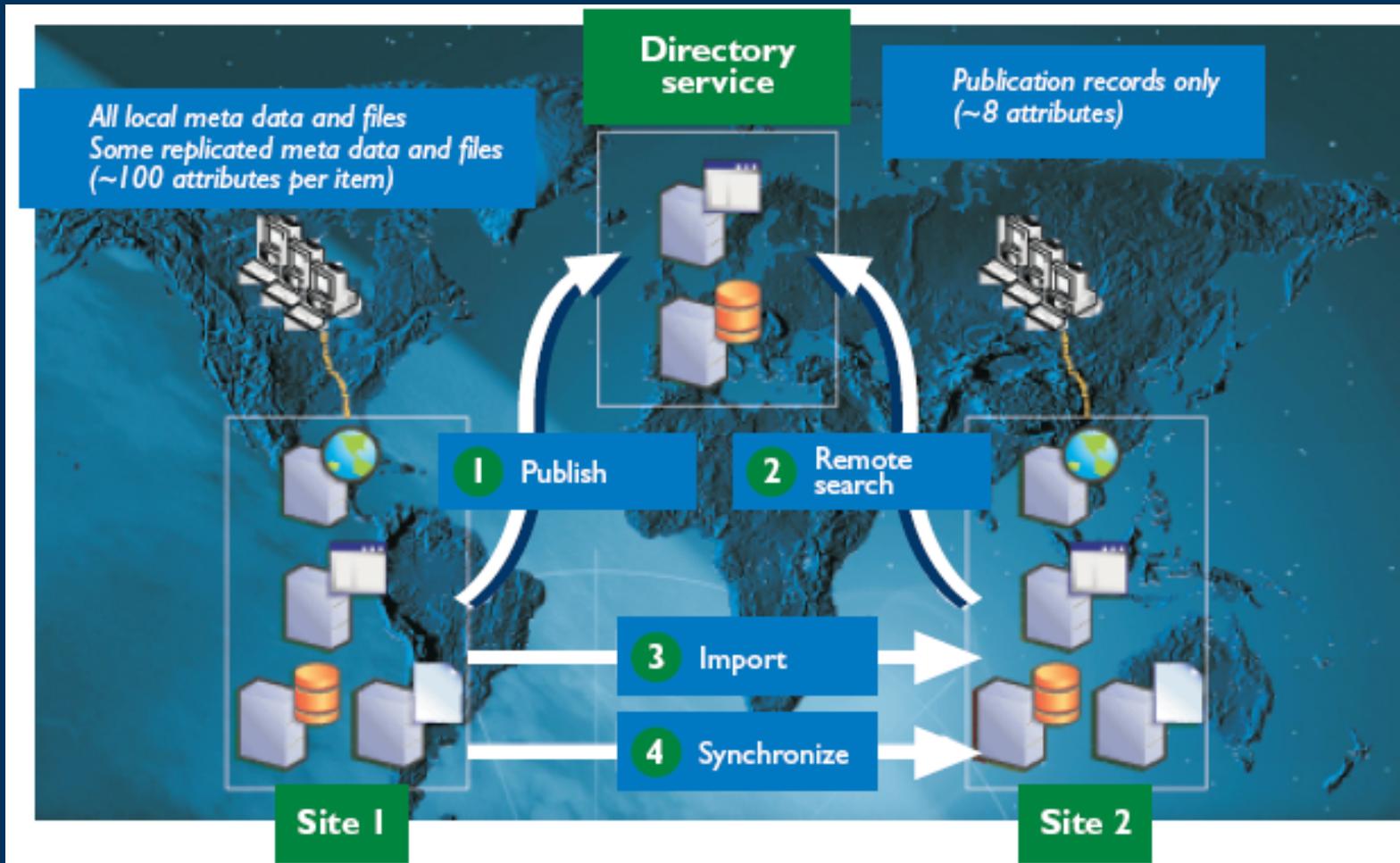




Multi-site?



- ▶ Multi-site gets confused with “Remote Access”





Teamcenter Express *Options*



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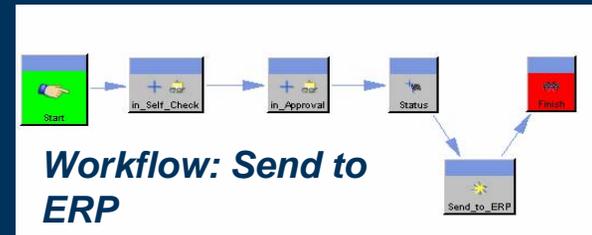


Teamcenter Express ERP Integration



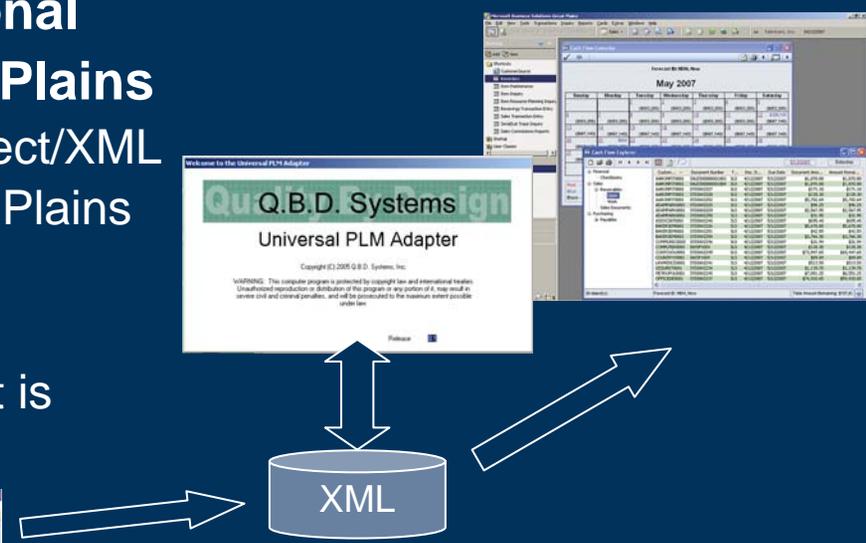
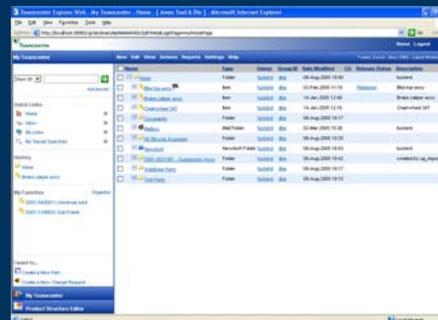
Scenario:

Customer needs to synchronize engineering with ERP System



Teamcenter Express offers an optional configuration with Microsoft Great Plains

- ▶ Built on generic Teamcenter ERP Connect/XML interface, configured with Microsoft Great Plains sample database
- ▶ Leverages Microsoft/Q.B.D. Systems partnership to deliver ERP integration that is easy to deploy and use



Solution strategy:

- ▶ Preconfigured ERP Connector
- ▶ New/Changed Part/BOM tasks
- ▶ Based on Open XML standard



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ERP Integration Option



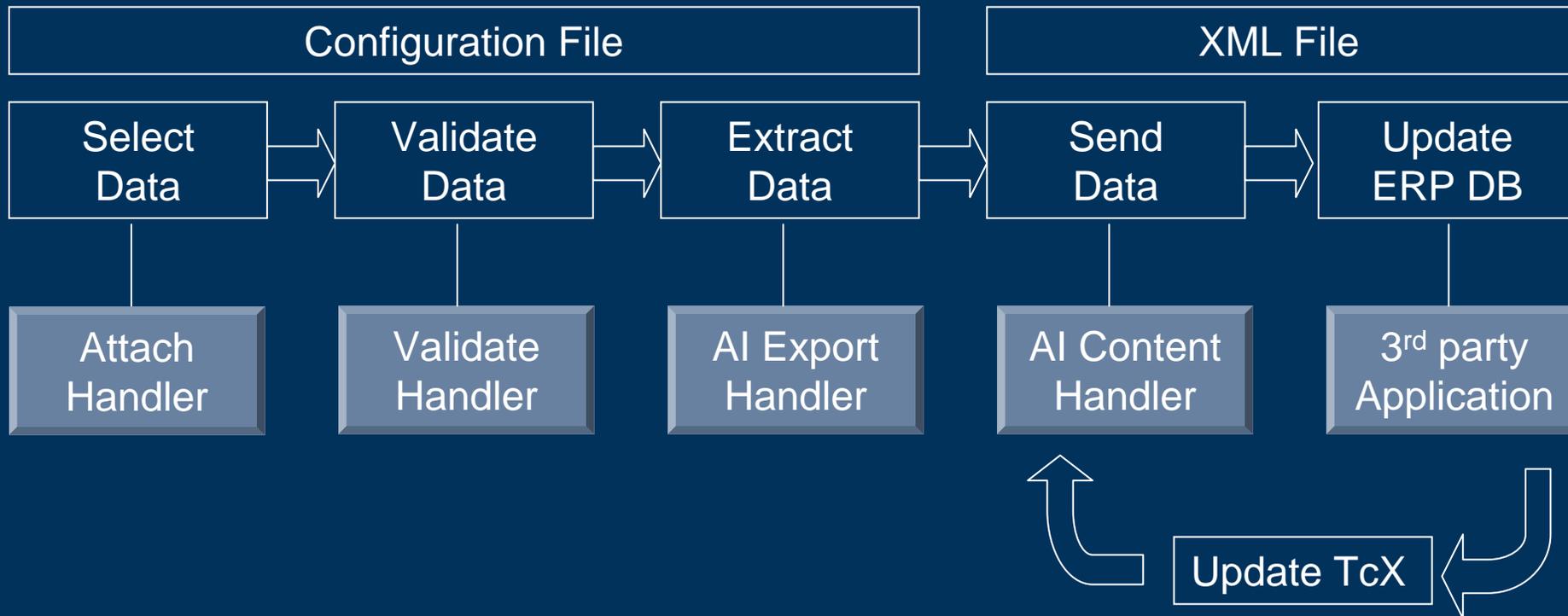
- ▶ **Teamcenter Express** delivers optional preconfigured integrations with market leading ERP systems
 - Preconfigured ERP transactions include:
 - ▶ Create Part
 - ▶ Change Part
 - ▶ Create Structure
 - ▶ Change Structure functions
 - User-friendly mapping interface supplied to modify the default configurations
 - Standard ERP workflow processes are used to manage transfer of data to ERP

Ensures error-free and consistent transfer of BOM data to ERP

Use of workflow ensures data transfer is performed in a controlled and efficient way

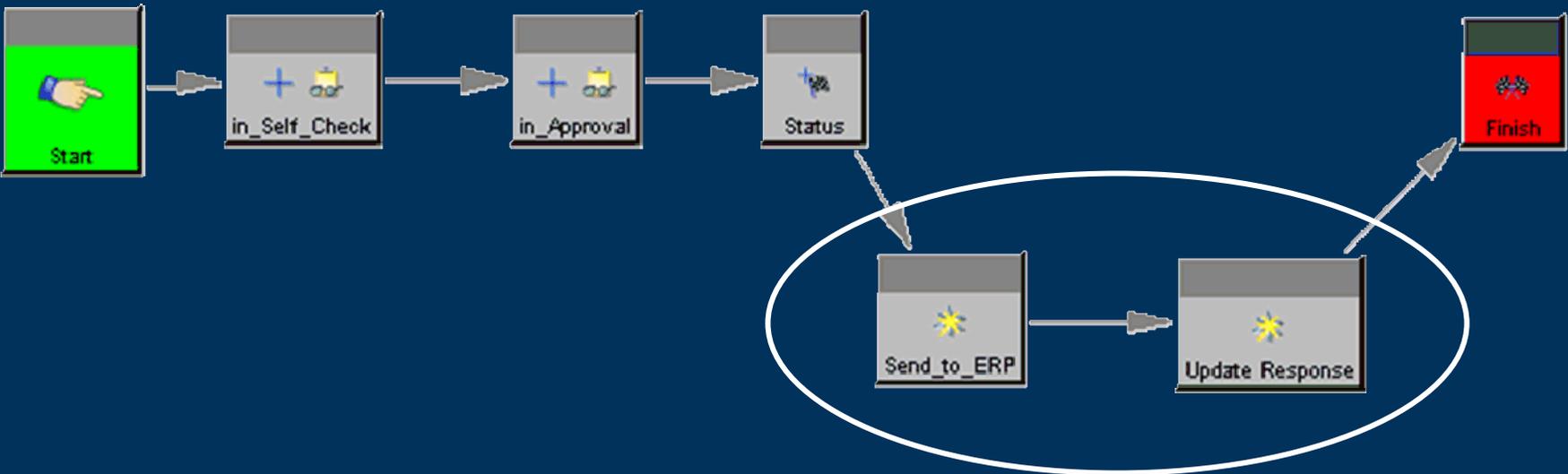


ERP - Flow of data



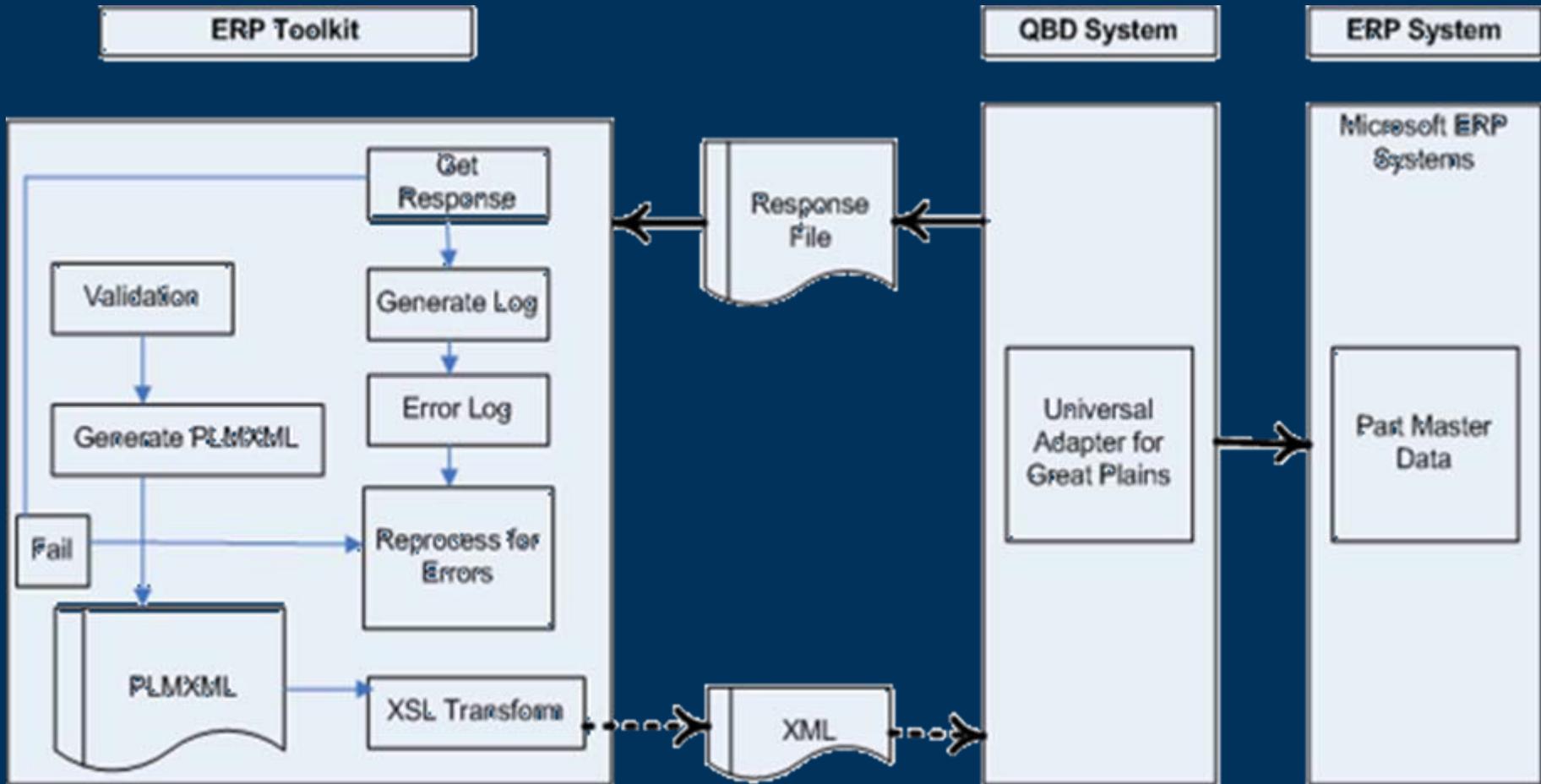


ERP – Production Release





ERP – Example: Great Plains





Teamcenter Express *Options*



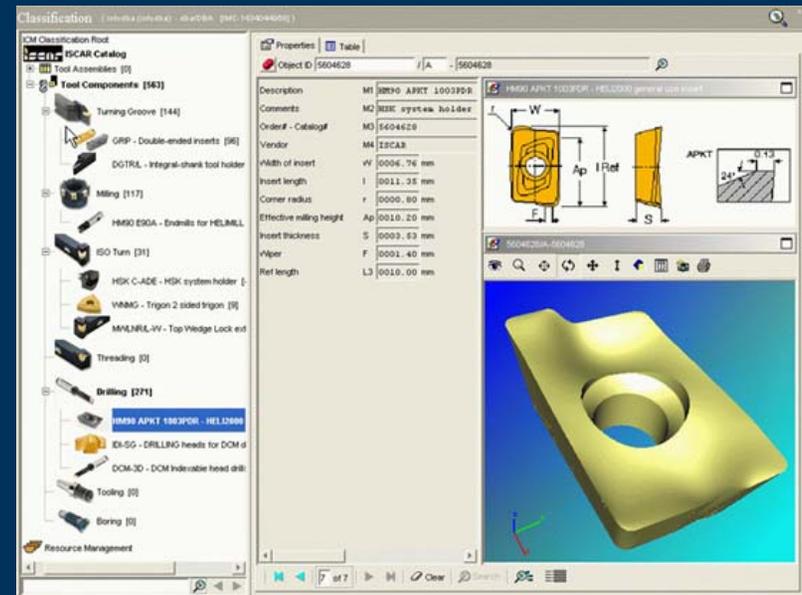
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Teamcenter Express Classification



- ▶ Teamcenter classification allows you to organize data independent of the product structure. The data can consist of standard parts, product data, resources, etc.
 - **Classification Admin:** setup the classification hierarchy.
 - **Classification:** classify Items, ItemRevisions or other Teamcenter objects.
 - Basis for other applications
 - The Resource Manager is an example of how the Classification functionality can be used as a basis for other applications by extending it with classification information.



Classification data can consist of standard parts, product data, resources design, ...



Teamcenter Express *Classification*



- Benefits
 - Enables you to *quickly* locate product definition data
 - Encourages use of standardized design elements and methods for reducing inventory
 - Saves time otherwise lost searching for widely dispersed product definitions
 - Eliminates duplication of definition data in multiple systems
 - Improves utilization of your manufacturing assets
 - Enables you to perform supplier management in the same environment you use for PLM.



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Teamcenter scalability from the mid-size company to the global enterprise

