Teamcenter Express Implementation Packages

A guide to standard implementation packages for rapid cPDM deployment

Benefits

- Facilitates fast and easy shop floor implementation
- Builds a production-ready environment that supports everyday tasks and processes
- Leverages industry best practice knowledge and experience to maximize return on investment
- Provides mentoring on Teamcenter Express best practices, standards and operating procedures for both users and the system administrator
- Controls scope of work, so cPDM deployment is deadline-driven versus open-ended

Summary

Siemens PLM Software has developed a set of standard implementation packages for Teamcenter® Express software that will result in the delivery of a production-ready collaborative product data management (cPDM) environment that supports everyday tasks and processes for product design and engineering. Experienced professionals work with your engineering and IT staff to rapidly deliver a deployment of Teamcenter Express to industry best practice standards. The implementation packages may be delivered by Siemens PLM Software or by a Siemens PLM Software-certified channel partner.

Implementation package components:

Preparation

In advance of the delivery of the implementation package, a site survey document is provided and completed by the customer. The survey captures key information such as the current hardware and network infrastructure, software types and versions, type and volume of data to be managed and identifies the system users. The survey contents are reviewed and discussed with the customer to ensure that the planned implementation will meet the customer's objectives. A statement of work (SOW) is prepared that defines the scope and deliverables of the implementation.

Software installation

Microsoft SQL Server, Teamcenter Express Server and Client software components are all installed. One or more CAD integrations can be installed as defined in the SOW. The installation process and any system configuration changes are documented.

Configuration

Teamcenter Express delivers a preconfigured cPDM environment including item types, forms, workflows, reports and organization (user groups and roles and associated access control). Customer-specific configuration using commercial off-the-shelf capabilities will be performed and may include organization population, business modeler configuration (for example creation of part and revision numbering schemas, and action and copying rules), simple modifications to preconfigured attributes and forms and definition of folder structures.

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Training
Appropriate training is vital to the success of a cPDM implementation. Teamcenter Express user and administrator training is included in all of the implementation packages. User training concentrates on the execution of typical use cases; administrator training covers configuration techniques, system maintenance and back-up of the Teamcenter Express database.

Mentoring
Throughout the implementation, the professional implementor works closely with the customer to transfer knowledge on best practices for system installation and configuration. Advice is also given on how to maintain and further develop the cPDM implementation.

Standard implementation packages
Several standard packages are available based on the scope of the implementation, the number of users to be trained and the number of CAD integrations to be configured.

The basic package includes software installation and configuration as described above, training for 10 users, and installation and configuring of a single CAD integration; the package is delivered in a 10-day timeframe.

Additional packages are available that address larger numbers of users, the implementation of additional CAD integrations, ERP integration and implementation of a replicated multi-site environment.

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