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# Solid Edge Embedded Client

## Features

- Access Teamcenter and Teamcenter Express cPDM capabilities directly from Solid Edge
- Create and edit Solid Edge parts, drawings and assemblies under Teamcenter control
- Create and manage new revisions and versions of Solid Edge parts, drawings and assemblies
- Automatically create lightweight JT visualization files for Solid Edge parts
- Synchronize Solid Edge document properties with Teamcenter attributes
- Facilitate integrated product structure management
- Leverage synchronized releases of Solid Edge and SEEC to ensure that Teamcenter users can quickly move to the latest Solid Edge release

## Transparent user interface and synchronized releases

The SEEC provides seamless and transparent connectivity between Solid Edge and Teamcenter:

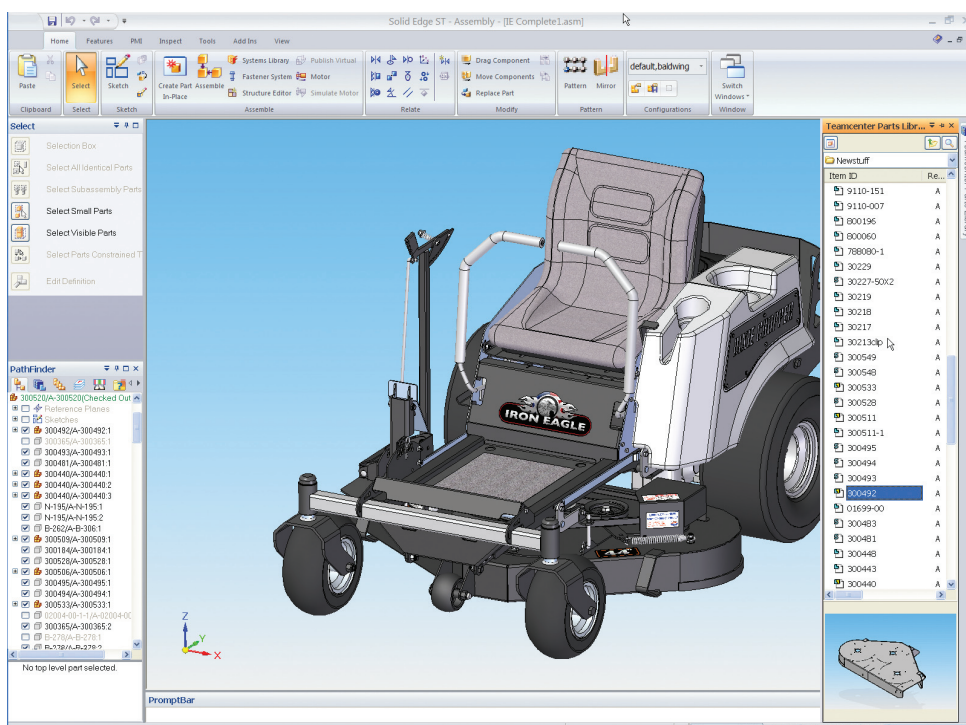
- Solid Edge dialogs that handle file operations, such as the File Open dialog, are enabled to directly browse Teamcenter vaults. Solid Edge documents are automatically filtered and displayed using Teamcenter attributes such as Item ID. An alternative bill of materials (BOM) view conveniently lists file dependencies within an assembly, as well as the relationships between the parts or assemblies and their associated drawings.
- The Solid Edge Assembly Pathfinder is enabled with an additional tab that displays a PDM view of your active Solid Edge documents. You can access a menu of available Teamcenter operations by right clicking on the Solid Edge documents displayed in the Pathfinder.

Supported Solid Edge documents include:

- Assemblies (.asm, .cfg)
- Parts (.prt)
- Drawings (.dft)
- Sheet metal (.psm)
- Wire harness (.cmp, .con)

## Supported functions

- Access Teamcenter from Solid Edge and leverage the Teamcenter workspace and its functions, including Teamcenter's search and retrieve, graphical previews, where-used, and check-in/check-out capabilities
- Save new documents to Teamcenter using Teamcenter business object rules for ID and revision
- Synchronize Solid Edge document properties with Teamcenter attributes
- Establish revision control for Solid Edge parts, assemblies and drawings and the associated design change and release processes
- Open Solid Edge documents with Teamcenter revision rules
- Copy and revise assemblies using the Solid Edge Structure Editor
- Determine check in/check out status and ownership of the parts in a Solid Edge assembly
- Search for and place components in a Solid Edge assembly
- Automatically generate and manage lightweight visualization (JT™) files for Solid Edge 3D part and assembly models
- Capture non-Solid Edge documents linked to Solid Edge files (Microsoft Word and Excel, images)
- Use the add to Teamcenter capability to bulk-load existing Solid Edge data
- Automatically publish Solid Edge assembly structure to build and update Teamcenter's product structure.
- Manage links between Solid Edge parts and assemblies to their drawings, and to other referenced files
- Leverage Teamcenter FMS and SOA architecture for optimized performance in LAN and wWAN environments



### Support by both Teamcenter and Teamcenter Express

- Teamcenter powers innovation and productivity by connecting people and processes with knowledge. Teamcenter is the de facto standard for PLM deployments; it is backed by Siemens PLM Software's leadership in delivery.

- Teamcenter Express is a preconfigured yet extensible Teamcenter solution, designed to meet the needs of small manufacturing businesses. Teamcenter Express provides an entry point into the Teamcenter product suite that enables companies to easily expand the scope of their cPDM implementation by taking advantage of Teamcenter's proven scalability and comprehensive portfolio of applications.



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