

Teamcenter Integration for NX

Best-in-class engineering design and collaboration solution for any size team using NX

fact sheet

Siemens PLM Software

www.siemens.com/plm

► Summary

Teamcenter® Integration for NX™ software allows you to reduce your product development cycle times by enhancing your NX environment to both manage and accelerate design collaboration for any size engineering team. Teamcenter Integration for NX provides seamless management, control and security for your NX data; allows users to rapidly search for designs; and manages data revisions, product configurations and changes to those product configurations in single or multi-site deployments.

Benefits

Less time spent by design teams and partners finding the right NX data

Reduced development cycle times for distributed global design teams and their partners

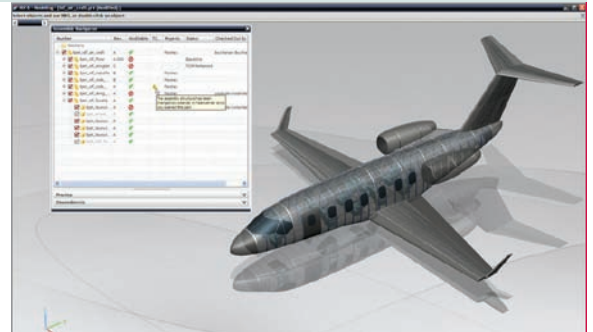
Faster product change and approval processes enable shorter time-to-market

Higher levels of understanding and communication among product teams throughout the supply chain

A single source of product information in support of your complete design-through-manufacturing process

Meeting business challenges

Your company is continually challenged to reduce development costs, improve productivity, and increase quality. And your designers require 100 percent confidence in their ability to find the latest information, work on correct versions and synchronize data between different company sites. At the same time, you must adapt to changing global markets, often moving from centralized product development to distributed design with global partners. Teamcenter Integration for NX provides your company with live global access to product information, accelerates your company processes for product change and successfully manages your company's most precious asset – its product knowledge.



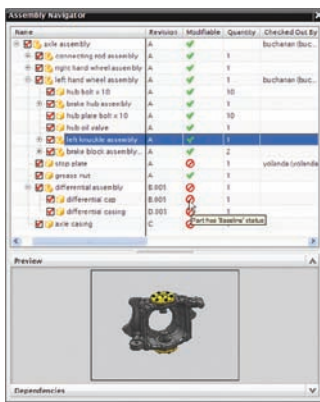
Teamcenter Integration for NX provides on-demand access to managed information, directly from the NX design session.

Multi-site engineering collaboration

The capabilities of Teamcenter Integration for NX go beyond workgroup CAD data management, enabling design teams of any size, in different locations and throughout your supply chain, to work closely together to streamline product development processes through multi-site collaboration. All design information created using NX is captured, controlled and shared by your global development teams in a single, highly secure Teamcenter environment, while version management and access control ensure that the right people get the right information at the right time.

Transparent user interface

Teamcenter Integration for NX provides uninterrupted productivity and superior usability for design teams. Users are provided with live Teamcenter information including check-in/check-out, maturity status, revision, where-used, what's changed, project assignments (add assignments after project) and more.



The Assembly Navigator provides detailed product structure and process data.

Features

On-demand access to Teamcenter parts, assemblies, drawings and data from inside NX

Create, configure, edit product structure in NX or Teamcenter

Data capture, control and sharing in a highly secure Teamcenter environment

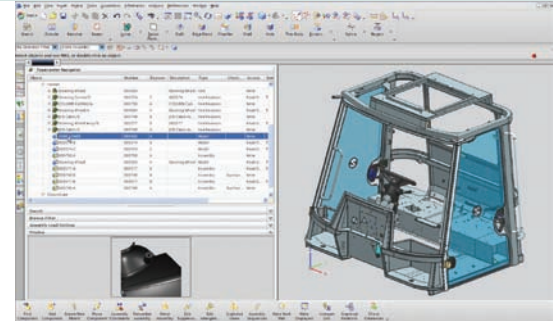
Managed Multi-CAD product development

Scalable for any size team using NX

Expandable PLM scope to meet your growing requirements by taking advantage of Teamcenter's comprehensive product portfolio

Multi-CAD collaboration

NX multi-CAD support enables design teams to assemble innovations/modifications from any major CAD system into NX for multi-CAD product design. Teamcenter automatically manages both native and neutral CAD representations and eliminates unnecessary delays caused by constant data translation. NX's innovative approach to multi-CAD collaboration enables your extended enterprise to leverage your other CAD investments.



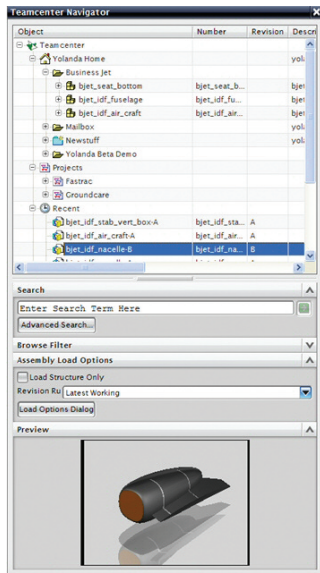
Users create, configure and edit product structure in NX or Teamcenter.

Leverage Teamcenter product lifecycle management

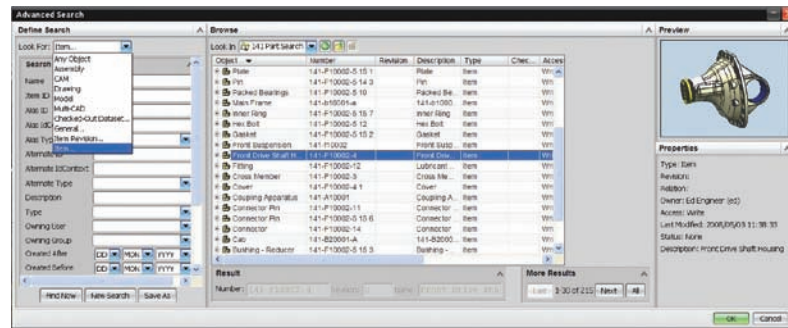
Teamcenter's product lifecycle capabilities surpass those of traditional CAD file management by capturing all of your CAD, CAM, CAE product and process knowledge, including requirements and technical documentation, and relating these assets to a common product structure. Teamcenter's workflow management capabilities enable you to manage product change, enforce company-specific business rules and efficiently execute your automated product-related processes. In addition, Teamcenter solutions easily expand to meet more of your business needs as you grow.

Key capabilities

- On-demand access to Teamcenter from inside NX: navigate, search, view data, check-in/check-out
- Vault, manage and control multiple revisions of component and product designs
- Support for all advanced Teamcenter security designations and data access controls
- Create new product revisions or version updates for work in progress
- Create, configure and edit product structure in either Teamcenter or NX
- Consistent visualization of assemblies and their constructs in NX and Teamcenter
- Load product structure by applying configuration rules i.e. revision rules, precise, baseline, effectivity
- Selective/partial load of product structure for efficient management of assembly design
- Where-used/referenced queries on inter-part relations in either NX or Teamcenter
- Superior performance for Local Area Networks
- 4-tier clients for networks with higher latencies and for WAN deployments



The Teamcenter Navigator resource bar eliminates wasted time by enabling instant browsing, searching and accessing key product and process information, with drag-and-drop into the NX session.



NX users have access to all Teamcenter query capabilities to instantly find and retrieve the right data.

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