TEAMCENTER NVP
your PDM / PLM solution

Fact sheet for Teamcenter
implemented with NEXTAGE Value Package

Summary

Teamcenter NVP is Teamcenter, the proven PLM platform from Siemens PLM Software, standardised and pre-configured with NEXTAGE Value Package. NEXTAGE brings you a ready to use solution to get you started with PLM instantly. The solution is developed from industry best practises and implemented fast with high quality. Teamcenter NVP is available as a cloud-based service, or as an on premise installation.

""With NEXTAGE Value Package we received a business supporting deployment of Teamcenter. Pre-configured workflows and templates saves time, speeds up the processes and mitigates the risk of errors."

Joacim Cronholm, Design Manager at Scanjet

Benefits include

- One common source of knowledge
- Facilitates collaboration and work between company divisions
- A platform with common best practices for PDM
- Promotes design re-use hence accelerates product development
- Bill-of-material (BOM) management
- Predefined workflow and reports
- Controls and shares mechanical (MCAD) and electronic (ECAD) data
- Multi-CAD data management
- CAD-neutral visualization
- Document management
- ERP export

"We improved re-use by 50 percent and achieved 100 percent BOM accuracy after implementing Teamcenter NVP on the Cloud."

Gustav Kågesson, Design Manager at NP Innovation

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What is Teamcenter NVP?

Teamcenter is one of the most competent PLM platforms on the market. NEXTAGE Value Package (NVP) is a pre-configured setup of Teamcenter including a standardised implementation performed by NEXTAGE's PLM experts.

What type of companies can benefit from Teamcenter NVP?

Any company that see value in structuring, sharing and managing product information in a comprehensible way.

Easy upgrades

A standardised setup makes upgrades easy and fast which saves you time and money.

Enchanced user experience

NVP brings the best of Teamcenter to the users and lets them get started with PLM instantly. It provides an intuitive and streamlined display of object information and data.
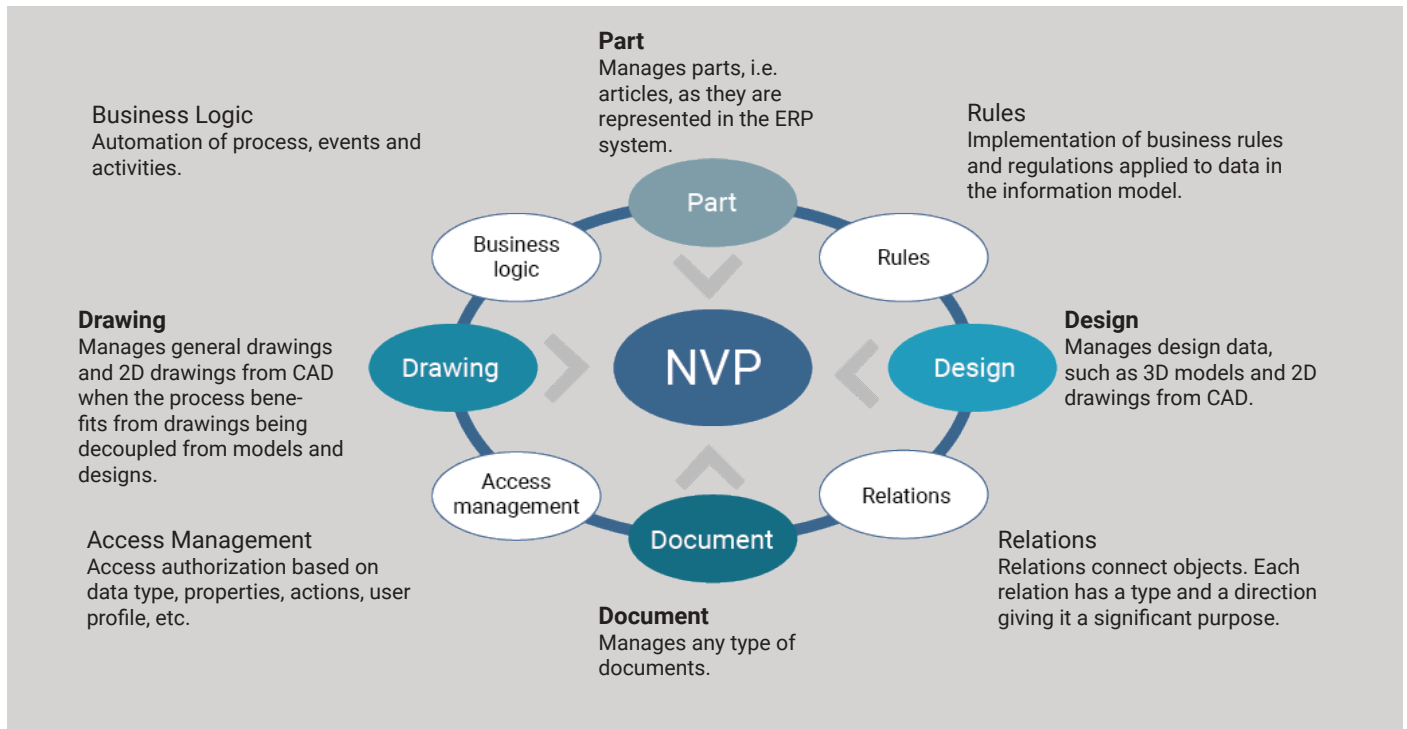
Preconfigured workflows and processes

For you convenience Teamcenter NVP is pre-configured with best practises workflows and processes.

* A library with workflows for releasing information
*Processes and workflows based on best practices
* Easily modified reports
* Support for design development processes

What information does Teamcenter NVP manage?

Teamcenter NVP uses four core objects to create an intelligent and extendible data model that support common business processes and information management needs.

Business Logic
Automation of process, events and activities.

Part
Manages parts, i.e. articles, as they are represented in the ERP system.

Rules
Implementation of business rules and regulations applied to data in the information model.

Drawing
Manages general drawings and 2D drawings from CAD when the process benefits from drawings being decoupled from models and designs.

Design
Manages design data, such as 3D models and 2D drawings from CAD.

Access Management
Access authorization based on data type, properties, actions, user profile, etc.

Document
Manages any type of documents.

Relations
Relations connect objects. Each relation has a type and a direction giving it a significant purpose.

NVP

Part
Business logic
Rules
Drawing
Design
Access management
Relations
Document

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Teamcenter NVP provides a standardised PLM solutions that gets you up and running quickly.

Pre-configured organisation
Roles and groups hierarchy and access privileges are pre-defined.

Pre-configured workflows
Teamcenter NVP comes with a set of workflows aimed to ease the path of releasing information.

Pre-configured status
NVP Teamcenter use the following status.

* In Working
* Released
* Obsolete

Document Management
Teamcenter NVP delivers document management for any type of document including integration with Microsoft office.

Search queries for quick search
Searching for information in the database is probably the most common task of all. NVP includes a collection of useful queries to get started with.

Email
You can email directly from the system and attach Teamcenter data. You can also store or link emails into it.

Out-of-the-box applications
All applications included in NVP prefiguration are out-of-the-box. These are selected to ensure smooth and efficient work processes.
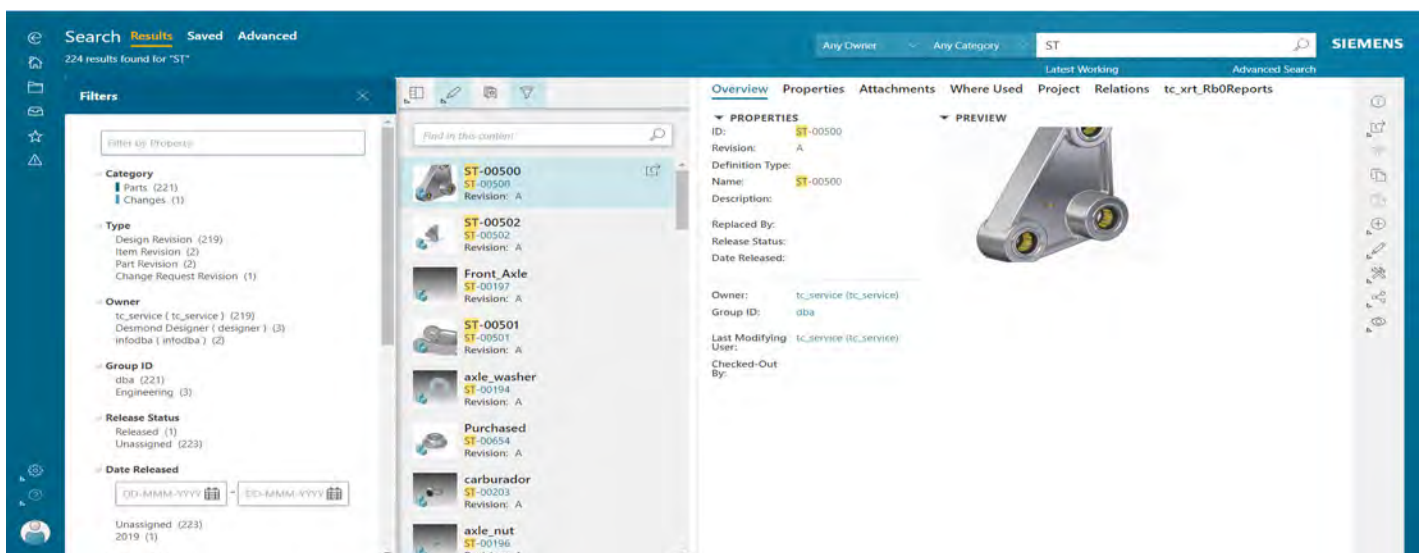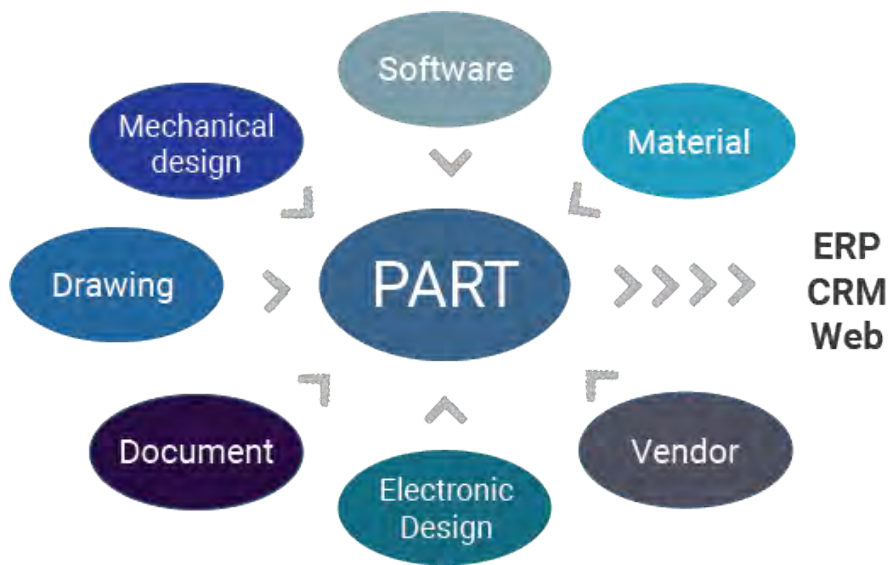

Image: Active Workspace is a web-based, zero client installation, user friendly Teamcenter interface. A workplace for users that needs quick access to Teamcenter from any device, anywhere.

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Teamcenter NVP uses a part-centric information model which means that the part (i.e article) is in center.

When the data model is applied to your company data and information it will form a coherent and consistent information model. It supports your users when creating, managing, accessing and using data. The information can then easily be exported to and shared by other systems. Or if needed, imported to Teamcenter.

Integrations and add-on applications for Teamcenter

MCAD integrations
Teamcenter manages multi-CAD and handles the following CAD systems:

*NX
*Solid Edge
*CATIA
*Creo
*Inventor
*AutoCAD
*SolidWorks

ECAD integrations

*Altium Designer
*Mentor Expedition
*Cadence
*Mentor PADS

Add-on applications
There are plenty of applications available for Teamcenter depending on your needs. NEXTAGE recommend the following:

* Material Management
* Classification
* ECAD integrations
* ERP integrations
* Schedule Manager
* Formal Change Management

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Implementation project

An average Teamcenter NVP project is implemented in approximately 10 days, depending on your choices.The implementation project is divided in 3 phases.

Initiate

Infrastructure and prestanda requirements. Assessment of deployment options including cloud-based or on-premises installation.

* IT assessment
* Installation
* NVP introduction
* Product detail plan

Training

Workshops with stakeholders from different organisational areas ensures a fine tuned setup.

* Release processes
* Product data management
* CAD data management
* Document management

Deploy

In the final stage of the implementation the solution is rolled out and the users can start working smoothly.

* User training
* Acceptance test
* Configuration deployment
* System deployment

Flexible deployment options

Teamcenter on the Cloud is a flexible infrastructure-as-a-service (IaaS) model where you can instantly deploy Teamcenter on the Cloud without waiting for costly hardware to be purchased and delivered on-site. The IaaS financial model allows you to allocate your Teamcenter infrastructure as an operational expense instead of a capital expense. With the IaaS delivery option you get cost-effective access to enterprise-grade IT infrastructure and resources as well as the flexibility to dynamically scale the infrastructure up or down as your business changes.

Perpetual or subscription

The license model is flexible and you can choose to purchase perpetual licenses or a subscription depending on your preferred financial model.

FAQs

Does NVP require special updates?
No. NVP is updated together with Teamcenter.

Must NVP be installed in whole?
No. Most parts of NVP can be used or reused as individual components.

Can NVP be modified?
Yes. It can be modified and extended before or after installation.

Does NEXTAGE update NVP?
Yes. It is continously updated.

What business processes does NVP support?
NVP supports several critical business processes common in most companies regardless of size. The main goal is to provide standardised data management support for the product design process as well as for the peripheral users.

Teamcenter NVP is applied knowledge based on 15 years experience of implementing PLM at customers of all sizes and industries.

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Stay ahead of competition

No matter where you are on your journey to digitalisation we can help. Our customers range from innovative, fast pacing start-ups to traditional companies that have managed to stay competitive in their markets over decades.

If you are curious to learn more you can find some of our customers and their stories on www.nextagegroup/en/client-cases

Standardised | Fast | High quality

Standardised solutions that can be implemented and upgraded fast, saves you time and money. In everything we do we keep Standardised, Fast and High quality in mind. For us customer value comes first.

Your PLM expert partner

Our solutions are built on proven solutions with the Siemens PLM Software portfolio and our best practises from 15 year of deploying PLM, which becomes your advantage.

Since successful PLM projects requires high skills in many areas our consultants are proficient in areas such as:

*Information Management
*Computer Science
*CAD/CAM/CAE
*Product Development
*Product Management
*Manufacturing processes
*Business processes
*ERP fundamentals

"Teamcenter NVP scales from small to large businesses. The standardised setup as well as the flexible deployment options gets our customers up and running quickly with fast return on investment."

Tommy Rosberg, Technical Director, NEXTAGE Group

"To have a partner like NEXTAGE is invaluable."

Malin Erlandsson, Teamcenter lead, Quintus Technologies

About NEXTAGE

with 15 years experience of implementing PLM solutions in the Nordic market NEXTAGE has developed a deep understanding and proven methods for successful PLM projects.

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