



NXTdim
PDM

Autodesk
Best Practice

Cadac Group
Make IT your advantage!

Autodesk PDM Best Practice

Thanks to 3D Digital Prototyping engineers and designers can design, visualize and simulate products without producing costly physical prototypes. This reduces costs, quicker time-to-market and drastically reduce the change on errors in an early stage in the design process.

Digital Prototyping on the other hand also has some points of interest like rapid data growth, crucial design information is distributed over several places, longer search times, reuse of designs is time consuming and uncertainty about being up-to-date. Product Data Management (PDM) is a solution for this issues and ensures that the right design information is available at the right time with the right version for the right person.

PDM 'Out Of The Box'

Cadac Group has over 10 years knowledge and experience bundled in NXTdim PDM. This makes Product Data Management accessible for every company, from small to large. NXTdim PDM contains the implementation of Autodesk PDM solutions Vault or Productstream Professional, including the NXTdim PDM Add-In. This Add-In offers some useful features that are missing in the standard Autodesk software. The standardization of the PDM process from analysis to implementation, including fixed implementation times and costs, makes NXTdim PDM unique!



▶ www.nxtdim.com

Autodesk
Gold Partner
Architecture, Engineering & Construction
Manufacturing
Consulting Specialized

NXTdim PDM Process

Cadac Group has standardized the implementation process of NXTdim PDM and Autodesk PDM software: from PDM awareness to user training. This guarantees fixed implementation times and costs.

PDM Awareness

During a one day training the need for Product Data Management is made clear. The training is specifically intended for R & D / Engineering, Purchasing / Sales, Work Preparation / Production, Service, IT and management.

Product Selection

Based on the knowledge gained in the PDM Awareness training, it is clear which Autodesk PDM product best suits the organization. NXTdim PDM is available for Autodesk Productstream Professional, Autodesk Vault Professional, Vault Collaboration and Vault Workgroup. All available at Cadac Group.

Live Experience

Key-users will experience the chosen Autodesk Data Management Solution supervised by an experienced Cadac Group consultant. The PDM system is configured and installed based on NXTdim PDM for a few days of testing.

Purchase

The decision for purchasing the Autodesk and NXTdim licenses only need to be made after the Live Experience.

Installation & Configuration

Based on the build environment in the Live Experience the software is on site installed and configured.

User Training

Users are trained to work with the PDM software and NXTdim PDM.

Simplified view of the standardized implementation process



Benefits of the NXTdim PDM process

- Upfront insight in the timeframe of the PDM implementation process
- Immediately clear how much the project will cost
- Certainty about how the PDM system will work
- Purchase of the software only after an extensive pilot



With NXTdim PDM there is a directly usable solution available for many companies, which also immediately ends endless implementations and maintenance, which releases more time for the core business.

Ewout Van Duursen
Research Engineer
Damen Dredging Equipment

”””
 During a Cadac Group Data Management workshop we gained more insight into the possibilities of Autodesk Vault and NXTdim PDM. That same day we decided to use these products.

Peter Paelman
 Engineer
 Timmerman Energy & Heat Solutions

NXTdim PDM

The NXTdim PDM Add-In for Autodesk Vault and Productstream Professional offers convenient time-saving features that increase productivity and reduce the risk of unnecessary mistakes.

NXTdim PDM for Autodesk Vault

1 Generic methodologies for: <ul style="list-style-type: none"> ■ Artikel nummering ■ Revisiebeheer ■ Het werken met rollen en statussen ■ AutoCAD en Inventor template 	2 Jobserver for automated publication of: <ul style="list-style-type: none"> ■ PDF, DWF, DWFx, IGES, SAT, STEP ■ Flatpattern: DXF, DWG en SAT (3D)
3 Import and migration tools	4 Manuals
5 Publish to SharePoint Microsoft SharePoint makes it possible to set up a website for information sharing and online collaboration with colleagues, but also with externals. Thanks to Publish to SharePoint multiple file types can be created simultaneously and uploaded to SharePoint. The export of settings per project makes it possible to upload the correct files with the correct settings easily and quickly.	

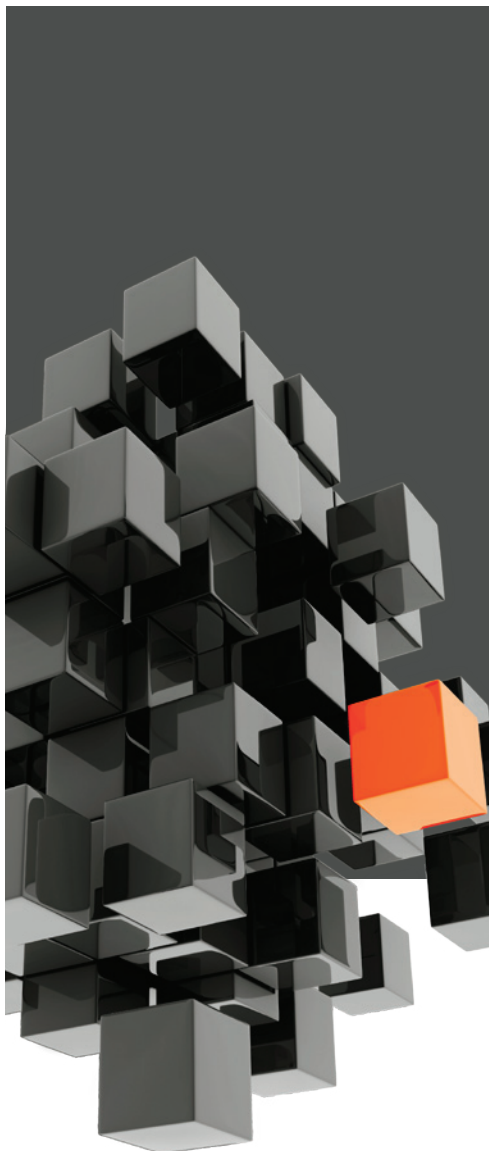
NXTdim PDM for Productstream Professional

1 Generic methodologies for: <ul style="list-style-type: none"> ■ Item numbering ■ Revision management ■ Working with Roles and States ■ AutoCAD and Inventor templates ■ Method to work with subcontractors ■ Pre-release to ERP for Engineering to Order work methodology. 	2 Jobserver for automated publication of: <ul style="list-style-type: none"> ■ Inventor and AutoCAD plot jobs ■ Watermarking ■ Publication of PDF, DWF, DWFx, iGES, SAT, STEP, Flatpattern: DXF, DWG and SAT (3D) ■ E-mail notification ■ ERP link (Bi-directional and multi-language support) ■ Publish to SharePoint ■ ECO (Engineering Change Order)
3 Support for Inventor iLogic, iCopy and Substitutes	4 Automatic publication of construction files
5 Non-CAD web interface for viewing released data	6 Import and migration tools
7 Manuals	

”””
 Autodesk Productstream Professional is implemented based on NXTdim PDM and we don't regret that for a moment.

Ewout Van Duursen
 Research Engineer
 Damen Dredging Equipment

* A comprehensive overview of all the features can be found at www.nxtdim.com



Autodesk PDM properties

Autodesk Vault and Productstream Professional offer powerful Data Management possibilities. A complete overview can be found on www.nxtdim.com.

- Extended search- and find possibilities with metadata
- Work in Progress design data is protected against simultaneously use
- Management of complex relationships between files
- Revision- and version management
- Management of non CAD documents in one environment
- Reuse of design data of proven designs
- BOM information is available in various forms and views
- Integrated workflow management
- Relevant design data is visible to everyone
- Batch processing of repetitive and basic operations
- Multi-site collaboration which makes outsourcing work easier
- Advanced File Security

Support

When purchasing NXTdim Inventor or NXTdim PDM free support is offered. Besides the usual benefits of Autodesk Subscription, Subscription Gold NXTdim provides free support for Inventor, Productstream Professional and Vault during working hours.

Support is free with purchase of NXTdim as part of Subscription Gold provided that a training voucher is taken. This training voucher provides attending a training session at Training@Cadac at 50% of the usual training costs. A second user also has the possibility to attend a free training in the summer months.

Support provides the following benefits:

- Support during business hours
- Access to specialized and Autodesk certified consultants
- No unexpected support costs
- Dutch support



Nieuw Eyckholt 282 ▶ www.cadac.com
6419 DJ Heerlen ▶ info@cadac.com



00800 - 2255 22322
00800 - CALL CADAC

■ Heerlen [hoofdkantoor] ■ Amsterdam ■ Gouda ■ Vianen ■ Meppel ■ Gent [BE] ■ Hasselt [BE]

