



PDM Workbench

**PDM Workbench NX
Release 18.0.10
for Aras Innovator**

Release Notes

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Preface

About this Document

This document provides general release information for the PDM Workbench NX.

Related Documents

The following manuals contain information about installation, administration, usage and customization of the PDM Workbench NX:

Manual Title	Release
<i>PDM Workbench NX Installation & Administration Manual</i>	18.0
<i>PDM Workbench NX User Manual</i>	18.0

Your Comments are Welcome

Please feel free to tell us your opinion. We are always interested in improving our publications. Mail your comments to:

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CHAPTER 1

Platform Support

Supported platforms

NX 2406

NX 2306

NX 2212

Other versions on request.

Server Installation of Aras Innovator:

(Other service packs on request)

Aras Innovator Server 12 SP09	Windows Server 2019, Windows Server 2016, Windows Server 2012
Aras Innovator Server 22 to 30	Windows Server 2022, Windows Server 2019, Windows Server 2016

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CHAPTER 2

Functional Changes

Optimize internal data structures and improve performance

Internal data structures are optimized and the performance is improved.

Provide complete range of functions for Part BOM mode

Working in Part BOM mode is now possible without any restrictions.

Prevent update of NX files which were created with an older release

In the Schema file configuration there is a new setting called :
« checkAuthoringToolVersion »

if this setting is set to true `<checkAuthoringToolVersion value="true" />`, during a update there is a warning before files of a lower release are overwritten. The default value of this setting is false.

CAD is master for instances

In the CAD Mode, the CADIsMaster is now always activated. Only in the BOM Mode the CadIsMaster Mode can be activated and deactivated with the server variable « UseCADIsMaster ».

Filename and item number

The filename of the NX Part can be different from the item number of the cad document.

Check for presence of autaname function during login

During login the presence of the selected autaname function on server is checked. If the autaname function does not exist on server, an error message is given back and login is not possible.

CHAPTER 3

New Environment Variables and Configuration Variables

Server-side Configuration Variables

PwbConfigurationItemNXName, see Data Model Changes.

Variables PWBSchema file configuration

There is the new setting `<checkAuthoringToolVersion value="false" />`. Default value is false. This setting handle if a warning is shown before files from an older release are overwritten.

CHAPTER 5

Data Model Changes

Added Aras Variable PwbConfigurationItemNXName

The variable PwbConfigurationItemNXName is added to the PwbDataModel. With help of the variable the configuration for the PDM Workbench NX might be defined.

Up to now, it should always refer the Configuration NX.

CHAPTER 7

Bug Fixes

18.0.0

- IsStandardPart Attribut is now taken over from create dialog during update.
- Delete with substructure sometimes failed, if component was used more than once.
- During, updating a NX document to PDM with reconnect, now it is checked if reconnect function is configured in PDM.

18.0.1

- Fixed an error where position matrix changes in PDM were not corrected in the PDM update process.
- Fixed an error where API methods were used which are not available in the NX versions 10, 11 and 12.
- Fixed an error where deleting a family template with its family members and related parts failed.
- Fixed an error where AddComponent in BOM part mode did not work correctly in some cases.

18.0.7

- Different Item numbers from Part and related Cad Document are supported.
- Update family template with ClaimedIsNewGen configuration also generates new version for all family members.
- Open in Aras does now always works from assembly navigator and query window.
- Renaming parts during update doesn't need to be performed in modeling mode.
- Fixed some bugs in connection with reconnecting family member to an existing item in PDM during update.
- Assembly navigator context menu lock, unlock, promote and revise is now available for family member part, which is stored without its template.
- User defined attributes are correctly written to PDM in Part BOM mode.
- Fixed bug for create part or standard part using create dialog.

