PRODUCT RELEASE ANNOUNCEMENT

Product Category	Publish 3D
Product Group	NX > PDF
Release Version	20.2

Document Type	Product Release Announcement
Status	Released
Revision	4.0
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Contents

History

Revision	Update Information
1.0	Initial Release.
2.0	Update release note for .02 CD
3.0	Update release note for .03 CD
4.0	Update release note for .04 CD – VCRedist auto installs.

Product Codes

Product Code	Product Description
NXPDF-U1	NX Publish 3D On Demand Interactive & Batch processing
NXPDF-I1	NX Publish 3D Interactive
NXPDF-A1	Publish 3D Configuration Tool for NX
NXCA5-A2	NX to CATIA V5 PDF Add-on Module

Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
NX	NX 9.0, NX10, NX11
Adobe Reader	Adobe Reader XI, DC and below

Supporting API's

The following supporting API versions are used

Application	Revision
3D PDF API	HOOPS Exchange Publish 2017 (v10.1)

Supported Operating Systems

The following operating systems have been qualified with this release

Operating System	Qualification Status
Windows 7 64bit	Qualified and fully supported
Windows 8 64bit	Qualified and fully supported
Windows 10 64 Bit	Not formally qualified for NX 9.0 & NX 10.0 Qualified and fully supported NX 10.0.3 and later versions including NX 11

Distribution Media

CD images of the latest release are available from the following download sites.

Software	Required for	URL for CD image download
Installation Media	Interactive & On-Demand	cdCAD_20.2_NXPDF_WIN.04
Unified Interface	On-Demand only	cdCAD_20.2_UI_WIN.03
License Server	Interactive & On-Demand	CAD_FLEXLM_11.14_WIN.01

New Features / Enhancements

The following new features or enhancements have been introduced with this release

Bi-Directional

Ref ID	New Feature / Enhancement Description
1	*Installer :* Use of new TechSoft 10.1 API
2	*Installer update:* Theorem have transitioned to a standard Microsoft Installer (.msi) package
3	*New Output Types:* Support for the direct writing of CAD data to HTML5, U3D and PRC output types
4	*PMI display*: Enhancements for the reading and display of PMI Cutting Plane symbols, PMI Hole Callout (NX11 only), flipped PMI in ISO views, tabular Note PMI where text crosses more than one cell, stroked PMI attributes and flat to screen override PMI colour supported
5	*Password protection:* Updating to allow for discreet passwords for access / editing.
6	*Assembly Arrangements: Support for reading NX Assembly arrangements*
7	*Face / Body Translucency: Enhancements to translucency processing*
8	*Log file updates:* Sanitizing error messages to be more concise
9	*NX Interactive Menus: Improved exception handling for As Loaded method.*
10	*Standalone facetted bodies:* Improved reading of standalone facetted bodies. Now on by default.
11	*Attribute file filtering*: Enhanced methods for filtering attributes from CAD data using and attribute filter file.
12	*Multi-template PDF processing*: Added options that allow users to combine all output PDF's into one or keep them separate with multi template output PDF processing
13	*PDF attachments*: Enhanced tool to allow a named directory of files to be added to an output PDF
14	*Tessellated data processing:* Enhanced options for improving reading and wirting of tessellated data.
15	*View Filtering*: Options added to allow for filtering of model views

16	*Programmatic adding of meta data*: Option to append the CAD attributes in PDF with user specified additional attributes.
17	*Part level PMI processing:* Options to reposition all part level PMI to the assembly level.

Known Limitations and Restrictions

The following limitations and restrictions have been identified during final testing prior to release

NX to PDF

Ref ID	Limitations and Restrictions
1	A current limitation of the .msi installation method is that the software cannot be installed directly on to external based mapped or network drives from a client machine. For guidance on how to do this, please find the documentation **here**
2	Due to a regression in the third party API you may see issues when processing to a template containing a carousel widget.
3	When using a mask file, the file must be held in a location without spaces in the directory path.
4	Due to a third party API change, if you use PMI_Edge highlighting, at this release you will require the additional option 'enable_brep'
5	Due to a regression in the third party API you may see issues relating to exploded views and instance PMI-geom highlighting.
6	Some issues when processing PMI region data that is non rectangular

Resolved Support Calls

The following list of Support Calls are resolved with this release

NX to PDF

Support Call ID	Brief Description
CAS-03119	Enhanced processing of Facetted STL NX data
CAS-03271	Enhancement – Capability to set only a permission only password
CAS-03240	Capability to mask Axis systems via UI
CAS-03257	Retaining transparency from NX
CAS-03117	PMI processing bug