



PRODUCT RELEASE ANNOUNCEMENT

Product Category	Publish 3D
Product Group	NX > PDF
Release Version	21.2

Document Type	Product Release Announcement
Status	Released
Revision	2.0
Author	Ryan Dugmore
Issued	06/08/2018



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History

Revision	Update Information
1.0	Initial Release.
2.0	Added 3 rd party NX limitations

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 10.0, 11.0, 12.0
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 2018

Supported Operating Systems

The following operating systems have been qualified with this release

Operating System	Qualification Status
Windows 7 64bit	Tested but not fully supported as Siemens have stopped support for this OS at NX 12
Windows 8 64bit	Tested but not fully supported as Siemens have stopped support for this OS at NX 12
Windows 10 64 Bit	Qualified and fully supported



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	CAD 21.2 NXPDF WIN.01
Unified Interface	On-Demand only	CAD 21.2 UI WIN.01
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

Uni-Directional

Ref ID	New Feature / Enhancement Description
1	Support for NX 12
2	Use of latest HOOPS Exchange Publish 2018 libraries for PDF output
3	Enhanced default processing that creates an optimised PDF which keeps file size as compact as possible
4	Extended character set support allowing UTF8 characters to be exported in all property fields of the PDF output
5	Grouping facets. Changes for default tessellated data processing shows improvements in file processing time and file output quality.
6	Extensive re-write of javascript apps to support ' work instruction ' template capabilities
7	Support for reading of "expression" data as attributes from NX for use in downstream PDF fields.
8	Improvements to PMI tabular data formatting
9	Support for section views with wireframe edges
10	Enhanced PMI flipping capability when PMI is associated to more than one view.



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	Some issues when processing PMI region data that is non rectangular and PMI Custom Symbols
3	FLEX 11.14 is the minimum license server requirement for users of NX12.
4	For Windows 10 - NX 11 users experiencing issues with the error message: “Standard C++ Exception Caught” the version of NX will need upgrading to 11.0.2 with MP10. The issue was reported by Siemens to have been caused by an automatic Windows update. Upgrade to the above version to resolve.
5	Siemens introduced an error at version 12.0.1 (Siemens PR9093785) that caused a failure. Error message reporting issue with: libnxopencpp.dll. to resolve this use the following NX versions: <ul style="list-style-type: none"> • 12.0.1.* with MP1 (maintenance Pack 1) • 12.0.2.*



Resolved Support Calls

The following list of Support Calls are resolved with this release

NX to PDF

Support Call ID	Brief Description
CAS-03323-H6P5S5	Sections views are showing geometry instead of only displaying section curves
CAS-03432-R3Y0G2	All-Around symbol missing from PMI
CAS-03422-T0L8R0	Extra Geometry showing in view.
CAS-03615-G4S2S4	Arrowheads are flipped in the incorrect direction in the output 3DPDF
CAS-03583-S8V9S8	The number inside one of the triangular markers/datums are moving when translating to 3DPDF
CAS-03449-F4N1B3	In the output 3DPDF, the PMI table text appears to be overlapping
CAS-03423-D0X6M3	Welding PMI information does not match input data
CAS-03405-H0N1F8	Enhancement-To add support of reading expressions in NX

