



PRODUCT RELEASE ANNOUNCEMENT

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Product Group	CATIA V5 for NX
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History

Revision	Update Information
1.0	Initial Release

Product Codes

Product Code	Product Description
CA5NX-B1	CATIA V5 (CAA Based) to/from NX (bi-directional)
CA5NX-U1	CATIA V5 (CAA Based) to NX (uni-directional)
CA5NX-A1	CATIA V5 (CAA Based) to > NX (uni-directional) 3D PDF Add On
CA5NX-A2	CATIA V5 (CAA Based) to > NX (uni-directional) PMI Add On
CA5NX-A3	CATIA V5 (CAA Based) to <> NX (bi-directional) PMI Add On
NXCA5-U1	NX to CATIA V5 (CAA Based) (uni-directional)
NXCA5-A1	NX to CATIA V5 (CAA Based) (uni-directional) PMI Add On
NXCA5-A2	NX to CATIA V5 (CAA Based) (uni-directional) 3D PDF Add On



Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
CATIA V5	CATIA V5 R19, R20, R21, CATIA V5-6R2012, CATIA V5-6R2013, CATIA V5-6R2014, CATIA V5-6R2015 & , CATIA V5-6R2016
NX	NX 9.0, NX 10, NX 11

Supported Operating Systems

The following operating systems have been qualified with this release

Operating System	Qualification Status
Windows 7 64bit	Qualified and fully supported (All CATIA V5 Revisions)
Window 8 64bit	Not formally qualified for CATIA V5 R19, R21 and CATIA V5-6R2012 Qualified and fully supported for CATIA V5-6R2013, CATIA V5-6R2014 CATIA V5-6R2015 & CATIA V5-6R2016 Only
Windows Server 2008 R2	Not formally qualified for CATIA V5 R19 Qualified and fully supported for CATIA V5 R21, CATIA V5-6R2012, CATIA V5-6R2013, CATIA V5-6R2014, CATIA V5-6R2015 & CATIA V5-6R2016 Only
Windows Server 2012	Not formally qualified for CATIA V5 R19, CATIA V5 R21, CATIA V5-6R2012 and CATIA V5-6R2013 Qualified and fully supported for CATIA V5-6R2014. CATIA V5-6R2015 & CATIA V5-6R2016 Only



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Distribution Media

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

Product	URL for CD image download
Support for ALL Versions	cdCAD 19.4 CA5NX WIN.01.zip
Unified Interface	cdCAD 19.4 UI WIN.02.zip



New Features / Enhancements

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

Product Impacted	New Feature / Enhancement Description
CATIA V5 <> NX	Added support for NX11
CATIA V5 to NX	<i>Interactive translation:</i> New support for Unified Interface configurations under the 'Configure' tab from within V5.
CATIA V5 to NX	New Add On licensing functionality for 3DPDF (licensed separately).
CATIA V5 to NX	READ_ASSY_PMI now takes optional 2nd argument n where n is a integer from 1 to 63 and is the number of assembly levels from which to read PMI.
CATIA V5 to NX	Section views read from V5 get created in NX as LightweightSection views.
CATIA V5 to NX	' set_instance_colours' will force NX write to use instance colours (if set on the ditto) rather than body colours
NX to CATIA V5	Separating out of read_nurbs from the solid prepare. You can now read surfaces as nurbs and choose not to prepare the solid data on the NX read.

Known Limitations and Restrictions

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

Ref ID	Limitations and Restrictions
1	<i>UI Viewer:</i> Data will not include PMI when translated via the viewer in the Unified Interface
2	<i>NX Interactive:</i> The NX Interactive menus are omitted from this release
3	<i>Interactive NX import to CGR:</i> Single parts imported via the interactive option in V5 are not supported, only assemblies
4	<i>Incomplete Message:</i> When processing NX to CATIA V5 data some files report an 'incomplete' error message, when the output is geometrically correct.
5	<i>Capture Views in NX:</i> We do not create a semantic, editable PMI output in V5 from NX, just a graphical representation. Therefore we cannot support processing of capture views from NX to V5
6	<i>Superfluous Errors:</i> Some errors are listed to the screen that have no effect on quality of data. E.g.- ERROR : UF_MODL_ask_daxis_size
7	<i>UI Viewer:</i> When running NX read > V5 write via the UI you must use the additional turn on the Read Nurbs option in the UI read options
8	<i>Capture Views:</i> Limitation in processing views that end with a space character.



Resolved Support Calls

The following list of Support Calls are resolved with this release

Support Call ID	Brief Description
CAS-02742-M7P6P9	Use of -C to define full path to config file with CAD_RUN_UI

