PRODUCT RELEASE ANNOUNCEMENT

Product Category	CADverter
Product Group	NX for CATIA V5 Multi-CAD
Release Versions	21.3

Document Type	Product Release Announcement
Status	Released
Revision	1.0
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Contents

History

Revision	Update Information
1.0	Initial Release

Product Codes

Product Code	Product Type	Product Description
MC5NX-B1	Base Product	CATIA V5 (Multi-CAD) to/from NX (bi-directional)
MC5NX-U1	Base Product	CATIA V5 (Multi-CAD) to NX (uni-directional)
MC5NX-A1	Optional add-on	CATIA V5 (Multi-CAD) to NX (Bi-directional) Model Based Definition (3D Dimensions & Annotations)
MC5NX-A2	Optional add-on	CATIA V5 (Multi-CAD) to NX (uni-directional) Model Based Definition (3D Dimensions & Annotations)
NXMC5-U1	Base Product	NX to CATIA V5 (Multi-CAD) (uni-directional) Model Based Definition (3D Dimensions & Annotations)
NXMC5-A1	Optional add-on	NX (Bi-directional) to CATIA V5 (Multi-CAD) Model Based Definition (3D Dimensions & Annotations)
NXMC5-I1	Optional add-on	NX to CATIA V5 (Multi-CAD) (uni-directional) Interactive.

Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
CATIA V5	CATIA V5-6R2016 CATIA V5-6R2017 CATIA V5-6R2018
NX	10.0 11.0 12.0

Supporting API's

The following supporting API support is used

Application	Revision
Dassault Multi-CAD (XCAD)	CATIA V5-6R2016 CATIA V5-6R2017 CATIA V5-6R2018

Supported Operating Systems

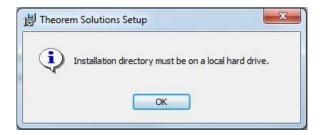The following operating systems have been qualified with this release

Operating System	Qualification Status
Windows 7 64bit	Qualified and fully supported
Window 8 64bit	Qualified and fully supported
Window 10 64bit	Qualified and fully supported
Windows Server 2008 R2	Qualified and fully supported
Windows Server 2012	Qualified and fully supported

Installation Process Considerations

Starting with version 20.0 of Theorem Solutions applications changes have been made to the installation process. These changes have transitioned from a JAVA based installer package to a standard Microsoft Installer (.msi) package. A current limitation of the Microsoft msi method is that the software cannot be installed directly on to either externally mapped or network drives when installed from a client machine:

Therefore, the installation must be performed to a drive that is local to the machine itself.

If you are attempting to install the software onto a network drive, then please refer to the configuration guide available fromthe following link

http://www.theorem.com/documentation/Documentation/Client_Configuration.pdf

Distribution Media

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

Product	Select hyperlink to download installation CD
Multi-CAD CATIA V5-6 – NX for all supported CATIA V5 releases	Download CAD_21.3_MC5NX_WIN.01 Release
Theorem User Interface	Download CAD_21.3_UI_WIN.01 Release
Theorem License Manage	Download FlexLM license manager

Note, the necessary software required for any of the specific add-on modules will be automatically installed with any of the base level installations. Therefore, it is not necessary to change the installation even if an additional add-on module license is purchased at a later date to the original installation.

In addition to the translator application itself there is also a mandatory requirement to install the prerequisite Theorem TXX Multi-CAD platform media into the CATIA V5 installation as part of the installation procedure. The TXX Multi-CAD platform media is related to each of the specific releases of CATIA V5 that is being used.

TXX for CATIA V5-6R2016	Download TXX Platform Media for CATIA V5-6R2016
TXX for CATIA V5-6R2017	Download TXX Platform Media for CATIA V5-6R2017
TXX for CATIA V5-6R2018	Download TXX Platform Media for CATIA V5-6R2018

CATIA V5 Media Installation Sequence

The installation of a CATIA V5 Multi-CAD based product must follow a specific installation sequence to ensure that the combination of base products and software updates provided by both Theorem Solutions and Dassault Systems are configured correctly. This includes the base level CATIA V5 installation, the Theorem TXX Multi-CAD platform, the CATIA V5 Service Pack and Hotfix level. Unless the installation sequence is strictly followed there is a potential risk that the CATIA V5 installation will not be configured correctly.

Therefore, the following CATIA application installation sequence MUST be strictly followed to ensure that the correct configuration and updates are available;

1. Install the base GA release of the required version of CATIA V5-6
2. Install the Theorem TXX platform media associated with the required version of CATIA V5-6
3. Install the required CATIA V5-6 Service Pack release
4. Install the required CATIA V5-6 Hotfix release

Note, the installation of the Theorem Multi-CAD translator can be undertaken at any point during this sequence.

New Features / Enhancements

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

Ref ID	New Feature / Enhancement Description
1	Improved colour processing
2	Support for reading section views from NX and writing them in CATIA V5
3	Associating PMI in NX model views to CATIA Capture views
4	Improved logging to write out information to the progress log when CATIA license errors have occurred.
5	Improved attribute processing

Known Limitations and Restrictions

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

Ref ID	Limitations and Restrictions
1	Native NX12 files will not process interactively – Call open with Dassault about resolution

Resolved Support Calls

The following list of Support Calls are resolved with this release

Support Call ID	Brief Description
CAS-03585-L7G5K9	Correct processing of Axis systems
CAS-03581-V6Y1J6	Processing attribute information