



PRODUCT RELEASE ANNOUNCEMENT

Product Category	TRANSLATE
Product Group	CATIA V5 for JT
Product Release Version	23.1

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History

Revision	Update Information
1.0	Initial document release for Version 23.1

Product Codes

Product Code	Product Description
CA5JT-U1	CATIA V5 (CAA Based) to JT (uni-directional)
JTCA5-U1	JT to CATIA V5 (CAA Based) (uni-directional)
CA5JT-A5	CATIA V5 (CAA Based) to JT (uni-directional) with PMI Add On
CA5JT-A6	CATIA V5 (CAA Based) to JT (uni-directional) with Electrical Add On
CA5JT-A7	CATIA V5 (CAA Based) to JT (uni-directional) with 3D PDF Add On
JTCA5-A1	JT to CATIA V5 (CAA Based) (uni-directional) with 3DPDF Add On
JTCA5-A2	JT to CATIA V5 (CAA Based) (uni-directional) with 3DXML Export Module
CATJT-U1	CATIA V4 to JT (uni-directional)
CAGJT-U1	Combined CATIA V4 & CATIA V5 to JT (uni-directional)
CAGJT-U2	Combined CATIA V4 & CATIA V5 to JT (uni-directional) with PMI Add On



Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
CATIA V4	All revisions
CATIA V5	CATIA V5-6R2017,CATIA V5-6R2018, CATIA V5-6R2019 & CATIA V5-6R2020
JTOpen	JTK 10.5

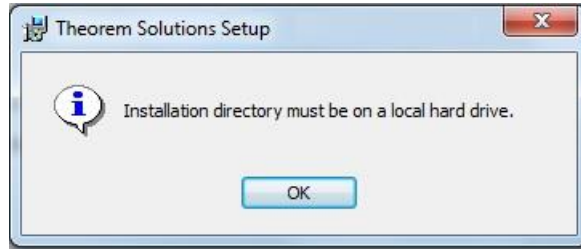
Supported Operating Systems

The following operating systems have been qualified with this release

Operating System	Qualification Status
Window 10 64bit	Qualified and fully supported for CATIA V4, CATIA V5-6R2017,CATIA V5-6R2018, CATIA V5-6R2019 & CATIA V5-6R2020
Windows Server 2016	Qualified and fully supported for CATIA V4, CATIA V5-6R2017,CATIA V5-6R2018, CATIA V5-6R2019 & CATIA V5-6R2020

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 from the 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 site. The installation media for the bi-directional product is also the same media when installing a uni-directional variant.

Product Codes	Select link to download CD images
All Product Codes for all supported versions of CATIA V5	https://s3-eu-west-1.amazonaws.com/theorem.software/CADverter_23.1/CAD_23.1_CA5JT_WIN.01.msi
Theorem User Interface	https://s3-eu-west-1.amazonaws.com/theorem.software/CADverter_23.1/CAD_23.1_UI_WIN.01.msi
Theorem License Manager	https://s3-eu-west-1.amazonaws.com/theorem.software/LicenseManager/CAD_FLEXLM_11.14_WIN.01.msi



New Features / Enhancements

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

CATIA V5 to JT (CA5JT)

Ref ID	New Feature / Enhancement Description
1	CATIA V5: Fixed issue using File > Open in CATIA V5-6R2020
2	Theorem-XR: Interactive CAD upload from CATIA V5 to Theorem Visualization Pipeline
3	CATIA V5 Read: Added support for CATIA V5-6R2020.
4	JT Write: Integrated with JT Open Libraries version 10.5
5	CATIA V5 Read: Improvements in read performance of large CATPart files
6	CATIA V5 Read: Improvements in CGR colour processing
7	CATIA V5 Read: Improvements in stroked PMI fonting and positioning
8	JT Write: Support for PMI associated to wireframe geometry
9	JT Write: Improvements to memory use
10	Parasolid version updated to 32.1.175

JT to CATIA V5 (JTCA5)

Ref ID	New Feature / Enhancement Description
1	CATIA V5 Write: Added support for CATIA V5-6R2020.
2	JT Read: Integrated with JT Open Libraries version 10.5
3	JT Read: Improvements to memory use



Known Limitations and Restrictions

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

CATIA V5 to JT (CA5JT)

Ref ID Limitations and Restrictions

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JT to CATIA V5 (JTCA5)

**Ref Limitations and Restrictions
ID**

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General

**Ref Limitations and Restrictions
ID**

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Resolved Support Calls

The following list of Support Calls are resolved with this release

Support Call ID	Brief Description
CAS-04023-S2H4M5	Improvement to character processing when using CATIA V5 instance naming.
CAS-04042-X5P4T6	Processing of error message “Error: whilst reading children” has been improved to remove false messages.
CAS-04204-T6X4H1	Mass property attributes differing from V20.2 & V22.1

