

## Product Release Announcement

<b>Product Category</b>	<b>CADTranslate</b>
Product Group	CATIA V5 for JT
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## History

Revision	Update Information
1.0	Initial document release for Version 28.0

## Product Codes

<b>Product Code</b>	<b>Product Description</b>
<b>CA5JT-U1</b>	CATIA V5 (CAA Based) to JT (uni-directional)
<b>JTCA5-U1</b>	JT to CATIA V5 (CAA Based ) (uni-directional)
<b>CA5JT-A5</b>	CATIA V5 (CAA Based ) to JT (uni-directional) with PMI Add On
<b>CA5JT-A6</b>	CATIA V5 (CAA Based ) to JT (uni-directional) with Electrical Add On
<b>CA5JT-A7</b>	CATIA V5 (CAA Based ) to JT (uni-directional) with 3D PDF Add On
<b>CA5JT-A8</b>	CATIA V5 (CAA Based ) to JT (uni-directional) with Composite Services Add On
<b>JTCA5-A1</b>	JT to CATIA V5 (CAA Based ) (uni-directional) with 3DPDF Add On
<b>JTCA5-A2</b>	JT to CATIA V5 (CAA Based ) (uni-directional) with 3DXML Export Module
<b>CATJT-U1</b>	CATIA V4 to JT (uni-directional)
<b>CAGJT-U1</b>	Combined CATIA V4 & CATIA V5 to JT (uni-directional)
<b>CAGJT-U2</b>	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
<b>CATIA V4</b>	All revisions
<b>CATIA V5</b>	CATIA V5-6R2020 CATIA V5-6R2021 CATIA V5-6R2022 CATIA V5-6R2023 CATIA V5-6R2024 CATIA V5-6R2025
<b>JTOpen</b>	JTK 11.6

## Supported Operating Systems

The following operating systems have been qualified with this release

Operating System	Qualification Status
Windows 10 Windows 11	Qualified and fully supported for CATIA V4 CATIA V5-6R2020 CATIA V5-6R2021 CATIA V5-6R2022 CATIA V5-6R2023 CATIA V5-6R2024 CATIA V5-6R2025

## 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](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	<a href="#">CAD 28.0 CA5JT WIN.01.msi</a>
Theorem User Interface	<a href="#">CAD 28.0 UI WIN.01.msi</a>
Theorem License Manager	<a href="#">CAD FLEXLM 11.19 WIN.01.msi</a>

## New Features / Enhancements

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

### CATIA V5 - JT

Ref ID	New Feature / Enhancement Description
1	Added support for CATIA V5-6R2025
2	Integrated with JT Open Libraries version 11.6
3	General bug fixes and improvements
4	New Translator Options: <ul style="list-style-type: none"> <li>• READ_PMI_STOP – Stops CATIA read if Read PMI is enabled and no Theorem PMI add-on license available.</li> <li>• READ_COMPOSITES_STOP - Stops CATIA read if Read Composites is enabled and no Theorem Composite add-on license available.</li> <li>• READ_PARAMETERSETS / READ_PARAMETERSETS_OFF - Enable or disable creation of a group for a parameter node in specification tree.</li> <li>• READ_GEOMETRY_MATCH_PATH - Reads PMI associated geometry if its Path Element matches rather than its Persistent ID. For instance, extracting a face from a solid maintains the same Persistent ID as the face itself is unchanged.</li> <li>• ALLOW_LARGE_NURBS / DONT_ALLOW_LARGE_NURBS - Stops surface supporting faces being trimmed back to face boundary.</li> <li>• ALLOW_LARGE_NURBS_TOL / DONT_ALLOW_LARGE_NURBS - Rejects surface if the control point bounding box exceeds LARGE_NURBS_TOL .</li> <li>• WR_REF_PLANES – Writes planes to the PMI tree as Reference Planes.</li> </ul>

## Known Limitations and Restrictions

The following limitations and restrictions have been identified prior to release.

### CATIA V5 to JT (CA5JT)

Ref ID	Limitations and Restrictions

### JT to CATIA V5 (JTCA5)

Ref ID	Limitations and Restrictions

### General

Ref ID	Limitations and Restrictions

## Resolved Support Calls

The following list of Support Calls are resolved with this release.

Support Call ID	Brief Description
REQ-1278	Validate Theorem Composite License is available prior to processing translation. Added option: READ_PMI_STOP
TH-1191	Missing PMI associations in the JT file. Added option: READ_GEOMETRY_MATCH_PATH



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