



PRODUCT RELEASE ANNOUNCEMENT

Product Category	Visualize 3D
Product Group	CATIA V5 (Independent) for JT
	includes CATIA V4 for JT
Release Version	19.2

Document Type	Product Release Announcement
Status	Released
Revision	3.0
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History

Revision	Update Information
1.0	Initial Release
2.0	The original CD download was corrupt. This has now been refreshed. Additional limitations have been added to this document regarding PMI processing
3.0	General typographical errors corrected
4.0	Reference to CATIA V4 product included with this media. References to JT revisions are applicable. For further information see the CATIA V4 to JT User guide referenced later in this document

Product Codes

Product Code	Product Description
C5IJT-U1	Catia V5 Independent > JT Unidirectional Base Product
JTC5I-U1	JT > Catia V5 Independent Unidirectional Base Product
C5IJT-B1	Catia V5 Independent <> JT Bidirectional Base Product
C5IJT-A1	Catia V5 Independent > JT Unidirectional Add-on module for PMI
C5IJT-A2	Catia V5 Independent > JT Unidirectional Add-on module for 3D PDF
JTC5I-A1	JT Unidirectional > Catia V5 Independent Add-on module for 3D PDF

All products in **RED** are new at this version

NOTE: This CD release also includes CATIA > V4

Product Code	Product Description
CATJT-U1	CATIA V4 > JT
CATJT-U2	CATIA V4 > JT (with routed systems support)



Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
CATIA V5	All CATIA V5 file revisions from CATIA V5 R15 up to CATIA V5-6R2015. Note! This translator product does NOT require a CATIA V5 installation
CATIA V4	CATIA V4

Supporting API's

The following supporting API support is used

Library	Revision
JTOpen	Jtk8.0
CATIA V5 CGM Interface	Spatial R2016 GA HF 1

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



Distribution Media

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

Product	URL for CD image download
All C5IJT Products	cdCAD 19.2 C5IJT WIN.02
Unified Interface	cdCAD 19.2 UI WIN.01

New Features / Enhancements

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

Ref ID New Feature / Enhancement Description

1	<p><i>New Product :</i></p> <p>This is the first release of a new bi-directional translator between CATIA V5i and JT and also a uni-directional translator for JT to CATIA V5i. The uni-directional translator for CATIA V5i to JT was first released at Version 18.5.</p> <p>These products make use of:-</p> <ul style="list-style-type: none"> ▪ Spatial CGM libraries. This is a rewrite of the original CATIA V5i translator which was based upon Spatial’s InterOp API ▪ The following features are supported in this new product offering:- <ul style="list-style-type: none"> ○ Standard Assembly Processing ○ Standard Geometry Processing: <ul style="list-style-type: none"> ▪ BREP Solids ▪ Analytic Surfaces / Curves ▪ Nurbs Surfaces / Curves ▪ Wireframe ▪ CGR ○ Document Properties ○ Material Properties (Colour, Transparency, etc) ○ Mass Properties ○ PMI (into JT ONLY)
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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>Assembly CGR Positioning:</i> In some circumstances where an assembly is represented by CGR data, some components can appear out of position.
2	<i>Sheet Metal Context:</i> Only the folded state can be currently be read. Unfolded state read is planned for a later release of the Spatial API. (<i>Spatial support call #150930-000002</i>)
3	<i>Instance Colours and Instance Attributes:</i> Override instance properties are currently not supported (<i>spatial support call #150928-000002</i>)
4	<i>PMI Processing:</i> PMI processing is supported in this new release from CATIA V5 to JT. This capability requires an additional license. PMI processing is NOT supported from JT to CATIA V5
5	<i>PMI Processing:</i> When using the Theorem Unified Interface, the user can configure JT to CATIA V5 processing to translate PMI. This is in error as JT to CATIA V5 PMI processing is not supported
6	<i>PMI Processing:</i> When running via the command line if the user specified the 'read_pmi' the screen and log output provide misleading messages
7	<i>UI Export:</i> Export fails when selecting a sub-part and naming it the same as the input part (which is default)
8	<i>Installed Documentation:</i> The documentation shipped with the CD has some missing links to images. It is advised that for the most up to date documents that users refer to the web based help found at: www.theorem.com/Documentation



Resolved Support Calls

The following list of Support Calls are resolved with this release

Support Call ID	Brief Description
CAS-01305	<i>Large Surface Processing:</i> Large surfaces are now filtered
CAS-01313	<i>Assembly CGR Positioning:</i> Much improved at this release, but still not resolved completely
CAS-02460	Output JT assembly as a single CATPart is now achievable using the command off_ditto. Works for the three major cases Monolithic, per part and fully shattered JT assemblies

Certain calls in this release note were fixed in Version 18.5 but are shown here for completeness for customers using a bi-directional product