



PRODUCT RELEASE ANNOUNCEMENT

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Product Group	JT for CATIA V6 Multi-CAD
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History

Revision	Update Information
1.0	Initial Release
2.0	Updated to 19.3.02 release
3.0	Added link to download page
4.0	Limitations/Restrictions update

Product Codes

Product Code	Product Type	Product Description
MC6JT-B1	Base Product	CATIA V6 (Multi-CAD) to/from JT (bi-directional)
MC6JT-U1	Base Product	CATIA V6 (Multi-CAD) to JT (uni-directional)
JTMC6-U1	Base Product	JT to CATIA V6 (Multi-CAD) (uni-directional)
MC6JT-A1	Optional add-on	CATIA V6 (Multi-CAD) to JT (uni-directional) Model Based Definition (3D Dimensions & Annotations)
JTMC6-A1	Optional add-on	JT to CATIA V6 (Multi-CAD) (uni-directional) Model Based Definition (3D Dimensions & Annotations)



Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
CATIA V5	CATIA V6R2013x 3DEXPERIENCE R2014x 3DEXPERIENCE R2015x 3DEXPERIENCE R2016x

Supporting API's

The following supporting API support is used

Application	Revision
Dassault Multi-CAD	CATIA V6R2013x 3DEXPERIENCE R2014x 3DEXPERIENCE R2015x 3DEXPERIENCE R2016x
JTOpen Libraries	Jtk8.0

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
Windows Server 2008 R2	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 Versions	CAD_19.3_MC6JT_WIN.02.zip



New Features / Enhancements

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

Ref ID New Feature / Enhancement Description

1	<i>Support for 3DEXPERIENCE R2016x</i>
2	<i>General updates to improve stability and geometry quality to both import and export products</i>
3	<i>Add support for mask file read for layer masking.</i>
4	<i>Improved concurrent server support for Renault.</i>
5	<i>Redesign XCAD Importer architecture to prevent multiple processing crash when using XPG</i>
6	<i>Added option handling for pmi_filter_file option.</i>
7	<i>Add support for show/noshow handling on export</i>
8	<i>Added the 'subnode' option to the jt_xcad_opts.txt file to cater for jt data containing subnodes</i>
9	<i>Allow tessellation parameters to be supplied to tessellate ULP data</i>



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>Minimum Application level:</i> There are a number of issue related to lower Fix Pack levels of a users installation. V6R2013x FP1613 (HF77) and V6R2015x FP1624, is recommended for this release of CATIA V6 Products
2	<i>Unified Interface:</i> The UI is not integrated at this release
3	<i>Batch Processing:</i> The ability to provide full Batch processing support via the command line and the UI is not yet implemented, but PLMBatch is supported
4	<i>Automated Processing:</i> There is no Automated / TPM capability for this release
5	<Sub Part Data><Body Names>: is not supported for this release.
6	<i>Captures:</i> Captures from JT to V6 are not supported for this release



Resolved Support Calls

The following list of Support Calls are resolved with this release

Support Call ID	Brief Description
CAS-02362	Bug fix in import due to view handling error
CAS-02396	Add Product UID read to ensure DETAILS are uniquely created. This handles cases of duplicated Product names in assembly structures.
CAS-02401	Redesign XCAD Importer to replace use of xcad server reader process
CAS-02422, SCR11042	Added option handling for pmi_filter_file option.
CAS-02428	Add support for mask file read for layer masking. Entity masking is currently supported via separate options.
CAS-02434	Bug fix in tidying up view -> PMI association list.
CAS-02436	For Facetted solids with a large number of triangles, split into multiple JtkShapes to prevent a JT export issue with large shapes. Previously the exported JT part was empty when shapes with a large number of triangles were created (> 19 million). On advice from Siemens the maximum number of triangles is limited to 500,000 but this can be changed using "max_shape_size"
CAS-02502	<i>Failed Catia6->JT translations</i> V6-JT translations give empty JT files but with cgo file
CAS-02511	<i>Renault V6-JT JT file created but causes V6 to crash</i> with Enovia FP1548 + JT plugin 18.3 or 18.5: the export of OCI2231708 leads to a minidump + Click OK to terminate, even though the JT file is created.
CAS-02525	Bug fix for crash while importing jt models with PMI.
CAS-02606	Correction to prevent a crash if a DIMENSION2 text block has a NULL frame and PMI properties are being created (extended_pmi)
CAS-02612	<i>V18.5 Regression Fix: Resolved V6 degradation issue at v18.5</i>
CAS-02627	<i>Crash of JT 7.1 XCAD server with V6 FP1546 or FP1613 + JT plugin 18.3 or 18.5</i> <i>Minidump + COTT with V6 FP1546 or FP1613 + JT plugin 19.2</i> Bug fix to handle JT Axis Systems with no name label.



CAS-02653	Bug fix: Crash in getAttributeCount and code preparation related to counting non geometric entities such as Dim2, Espace and View_3d types. Bug fix for JT assembly import to correct scale jt assembly.
CAS-02754	<i>V6 pmi filtering is taking a long time in 19.3</i>
SCR10958	Allow tessellation parameters to be supplied to tessellate ULP data.
SCR10960	<i>Add_PMI license option check:</i> added to CATIA export/read leg
SCR10962	Correction to the creation of Coordinate Systems. The input to the JT function to create the Csys implied that the top-left and bottom-right coordinates had to be supplied, whereas it was actually the x and y vectors.
SCR10975	<i>Screen output:</i> Remove Intermediate Viewer file name and processing screen information output
SCR10977	<i>View Associated Annotation:</i> Bug fix for View associated annotations support
SCR10984	Correct export log file process to use the correct vwr_xx log file name which is based on the viewer_<output_part_name>.log form.
SCR10990	Improve geometry fixup for JT_BREP models
SCR10997	Fix to prevent crashing if TS_INST folder contains space characters
SCR11018	Improve V6 log file footer output to match JT functionality
SCR11020	Fix issue on V6 export when V4 model parts are encountered in the product structure.
SCR11064	Add special functionality for Renault in V6R2013x > JT. Enable read of User Attributes on Products and allow creation of product node names generated from a collection of attribute values and literal text.
SCR11071	Make XT the default type for Brep geometry. A new command line argument, "jt_brep" has been added, so that the old default can be selected.
SCR11090	Added the ability to sanitize node names, specifically for use with the UI to remove '/' characters that are interpreted as folder delimiters. Two new command line arguments "sanitize_chars [chars]" and "replace_char [c]" have been added



SCR11100	Bug Fix: The Tools Option JT Multicad page - Import option "Structure" was not working on the re-architected process.
SCR11107	Added the 'subnode' option to the jt_xcad_opts.txt file to cater for jt data containing subnodes
SCR11000, SCR11110	Attempt to get the colour right for tessellated solid read. The Part, Shapes and TriStripSets can all be coloured and it's difficult to determine what colour VisMockup will display
SCR11113	Allow for nodes with more than one transform attached. An assembly stored in metres and containing millimetre parts contained two transforms on the nodes referencing the millimetre parts. The first positioned the node and the second scaled the node. This modification combines all the transforms on each node so will also cope with more complicated combinations.

