



PRODUCT RELEASE ANNOUNCEMENT

Product Category	CADverter
Product Group	CATIA V5 to Creo View for Windchill
Release Version	23.1

Document Type	Product Release Announcement
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Revision	2.0
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History

Revision	Update Information
1.0	Draft.
2.0	Updated for 23.1.02



Product Codes

Product Code	Product Description
CA5CVW-U1	CATIA V5 to Creo View
CA5CVW-U2	CATIA V5 to Creo View for Windchill
CA5CVW-S1	CATIA V5 to Creo View - PMI Add On
CA5CVW-S2	CATIA V5 to Creo View for Windchill Extended CGR
CA5CVW-S3	CATIA V5 to Creo View for Windchill Post Processing Module
CA5CVW-S4	CATIA V5 to Creo View - JT Add On
CA5CVW-S5	CATIA V5 to Creo View - 3D PDF Add On
CA5CVW-S101	CATIA V5 to Creo View - Composites Add On

Windchill – Creo View CATIA Compatibility Matrices

The following is a link to the PTC support pages, (only accessible with a valid PTC customer login). This contains a matrix of supported software configurations. The information found by this link is subject to change and remains the property of PTC.

Windchill / Creo View - CATIA Compatibility Matrices



Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
CATIA V5	V5-6R2016, V5-6R2017, V5-6R2018, V5-6R2019 & V5-6R2020
Creo View DAPI	Creo View 6.1.0.0 (16.1.0.26)

Supporting API's

The following supporting API versions are used

Application	Revision
JTOpen	JT10.5.0
3D PDF	HOOPS Exchange Publish 2020 (V13.0)

Supported Operating Systems

The following operating systems have been qualified with this release

Operating System	Qualification Status
Windows 10 64bit	*Qualified and fully supported for CATIA V5-R6R2016, V5-6R2017 & V5-6R2018, V5-6R2019, V5-R6R2020



Distribution Media

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

Product	URL for CD image download
ALL currently supported Versions of CATIA V5*	Product Download Information Flex License Server Install Theorem UI Installer



New Features / Enhancements

The following new features or enhancements have been introduced with this release. This document also includes fixes

Ref ID New and Changed

1	CATIA V5-6R2020 (R30) is now supported by the Windchill CADverter.
2	Composites add-on functionality has been added to the documentation
3	Dynamic Visualization support for CATIA V5 Flexible Assemblies
4	Multi-body data alignment with Windchill
5	Split Processing is no longer the default. If split processing is required, it can be turned on by an environment variable. See User Guide
6	Windchill System Attributes are now translated from CATDrawings
7	Improved PMI : Tessellation quality can now be modified by bbox commands



Known Limitations and Restrictions

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

Ref ID Limitations and Restrictions

1	Certain features are not available when using Minimum Memory. It is recommended that Standard processing is used when precise conversion of PMI and captures are required. Standard versus Minimum Memory processing is detailed in the user documentation.
2	In release 23.1 when publishing multi-fidelity output the worker will fail to generate multi-fidelity output correctly. This can be remedied by an addition to the recipe file adapter/usePvschange=1 the full article for the work-around can be found here



Resolved Support Calls

The following list of Support Calls are resolved with this release

Support Call ID	Brief Description
CAS-03471	Assembly PMI supporting surfaces are now correctly positioned.
CAS-03669	PTC_WM_* attributes are now translated in the drawing viewables
CAS-04033	Feature_name is now the default when expand part is turned on
CAS-04034	Part names generated in the tree correctly match those of the CATIA part instances.
CAS-04037	Processing multi-sheet CATDrawings to PDF files are correctly created when multi-sheet output is selected.
CAS-04120	Translation Timeout Issue
CAS-04123	Translation crashes with specific mbd settings have been fixed
CAS-04172	UTF-8 encoding is now supported in 23.1 with the 6.1 dAPI
CAS-04173	Tessellation quality can now be modified by bbox commands. Full documentation in the User Guide
CAS-04194	An error where the root level pvs could not link to sub product pvs files anymore when using the -d1 command has been fixed.
CAS-04203	Specific crash when using 'Omit Large Faces' has been fixed
CAS-04212	All the Instance Names authored in CATIA on the Pipe Runs in Creo View are now visible
CAS-04214	A case where expand part was causing CATDrawing conversion to fail has been fixed
CAS-04239	Large blocks of text are now correctly translated, previously only the last line of the text was editable the rest was tessellated
CAS-04253	Additional Attributes for handling CATIA flexible assemblies in Windchill Visualization
CAS-04254	Additional multi-body support is provided by MB_Flag, which adds data to the existing expand part functionality

