PRODUCT RELEASE ANNOUNCEMENT

Product Category	**Visualize 3D**
Product Group	CATIA V5 to Creo View for Windchill
Release Version	21.1

Document Type	**Product Release Announcement**
Status	Released
Revision	2.0
Author	Product Manager
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Contents

History

Revision	Update Information
1.0	Initial Release.
2.0	CAS-03498 added to resolved support calls

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

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	V5-6R2014, V5-6R2015, V5-6R2016, V5-6R2017 & V5-6R2018

Supporting API's

The following supporting API versions are used

Application	Revision
JTOpen	Jtk9.0
Creo View DAPI	Creo View 4.2 – F000 (14.2.0.23)
3D PDF	API HOOPS Exchange Publish 2018

Supported Operating Systems

The following operating systems have been qualified with this release

Operating System	Qualification Status
Windows 7 64bit	Qualified and fully supported (All CATIA V5 Revisions)
Windows 10 64bit	Qualified and fully supported for CATIA V5-R62016, V5-R62017 & V5-6R2018

Distribution Media

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

Product	URL for CD image download
Support for ALL Versions	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 Feature / Enhancement Description
1	Minimum memory option will be the default setting in the recipe editor. There are some differences/limitations when compared with Standard mode and these are included in the documentation **NOTE: Customers currently using the Standard option should note this change when configuring recipe files to ensure that they are using the required method** **NOTE: Minimum Memory mode is now automatically disabled for parts when processing assemblies**
2	CATIA V5-6R2017 (R27) and CATIA V5-6R2018 (R28) are now supported by the Windchill CADverter.
3	The FlexLM server has now been upgraded to 11.14. It is recommended that customers upgrade to at least this level.
4	Split Processing is no longer the default. If split processing is required, it can be turned by an environment variable. See User Guide

Known Limitations and Restrictions

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

Ref ID	Limitations and Restrictions
1	Split processing is now turned off by default.
2	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 v Minimum Memory processing is detailed in the user documentation.

Resolved Support Calls

The following list of Support Calls are resolved with this release

Support Call ID	Brief Description
CAS-02983	The assembly structure will now be translated to pvs when all leaf nodes are hidden.
CAS-03042	There is now the ability to publish CATProducts which include only a CGR as a Representation. However this is restricted to translations in 'STANDARD' mode.
CAS-03141	The code which caused the wrong CATEnv file to be reported in the log file has been switched off.
CAS-03238	Correct "CADverter Version" is now reported in PA mode.
CAS-03254	Spurious error message 'File not found' is no longer published on ending conversion
CAS-03268	Monolithic JT output is currently incompatible with Minimum Memory due to the differences between the input and output file structures
CAS-03299	The output from hidden CATParts are now correctly named
CAS-03301	Reused Parts Conversion now correctly honours the Mask settings.
CAS-03307	Split processing which slowed down conversion times is not the default setting for 21.1
CAS-03311	It may be necessary to rename CATDrawings with non-ASCII characters if a merged PDF output is required.
CAS-03338	In certain data sets extra leaf nodes are created for empty parts when using Minimum Memory mode compared to 'STANDARD' mode. This will be documented as a limitation
CAS-03356	Parts are now read correctly when using Standard memory and Mass Properties
CAS-03434	Case where CATIA model was not translated as it had structure is now fixed.
CAS-03463	The "Mask Wireframe, Mask Geometry" feature now works correctly.
CAS-03466	Creation of JT for derived image on CATPart now successfully created

CAS-03473	New style geometrical tolerance text is now correctly aligned
CAS-03478	Performance issues when publishing specific PMI data have been improved
CAS-03498	Axis systems are now not translated when processed using the option Omit Large Faces.
CAS-03516	Failure of specific assembly is now corrected
CAS-03524	An error which occurred using configurations during an interactive session has been fixed
CAS-03529	It is recommended not to use special characters such as %. A work-around exists if special characters are essential.