PRODUCT RELEASE ANNOUNCEMENT

Product Category	**Visualize 3D**
Product Group	CATIA V5 to Creo View - Windchill Independent
Release Version	20.1

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. Windchill Independent

Product Codes

Product Code	Product Description
CA5CVW-U1	CATIA V5 to Creo View
CA5CVW-S1	CATIA V5 to Creo View - PMI Add On
CA5CVW-S4	CATIA V5 to Creo View - JT Add On
CA5CVW-S5	CATIA V5 to Creo View - 3D PDF Add On

Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
CATIA V5	R19, R20, R21, V5-6R2012, V5-6R2013, V5-6R2014, V5-6R2015, V5-6R2016 & V5-6R2017

Supporting API's

The following supporting API versions are used

Application	Revision
JTOpen	Jtk8.5
Creo View DAPI	Creo 4.1 – F000 (14.1.0.19)
3D PDF	API HOOPS Exchange Publish 2017 (v10.1)

Supported Operating Systems

The following operating systems have been qualified with this release

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

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, and the Minimum memory (Large Assembly) option has been removed. **NOTE: Customers currently using the Standard option should note this change when configuring recipe files using this method** **NOTE: Minimum Memory mode is now automatically disabled for parts when processing assemblies**
2	Formatted Flat To Screen text. This now includes fonts, supported by a mapping file : **%TS_INST%/Data/CreoView/PmiFontMapper.txt** which maps the font FILE name supplied by CATIA V5 to the actual font NAME required by the CreoView API
3	Line styles are now automatically supported. Because there is not a direct mapping between V5 and Creo View, the output pattern may be enhanced to suit the customer requirements using an environment setting **set TS_V5_CVW_LINE_STYLE_X=<value>** value 1.0 as is (the default) value 2.0 is to stretch the pattern by 2 value 0.5 is to compress the pattern by 2
4	CATIA V5-6R2017 (R27) is now supported by the converter.
5	The installer now uses Microsoft Installer. By default this will install the software to C:\Program Files. This can be changed at the point of installation
6	FlexLM is now part of a separate installation process and has its own msi

Known Limitations and Restrictions

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

Ref ID	Limitations and Restrictions
1	There is a restriction at this revision in that, drawings and sheets named sheet.* are processed by name sanitisation. i.e. '.' Is replaced by '_'
2	An issue has been found where using Mass Properties with Minimum Memory mode can cause a failure in conversion. This has been noticed when converting empty parts or parts with hidden geometry. This can be addressed by reverting to Standard mode conversion in the recipe configuration.
3	There is an issue has been found where converting assemblies to JT with Minimum Memory mode will create an empty JT. This can be addressed by reverting to Standard mode conversion in the recipe configuration.

Resolved Support Calls

The following list of Support Calls are resolved with this release

Support Call ID	Brief Description
CAS-02197	Fixed a timing issue where the cgr wasn't created and the conversion crashed
CAS-02643	Line styles are now supported (see New Features / Enhancements section)
CAS-02696	Minimum memory is now the default translation mode in the recipe editor, i.e. adapter/conversionMode=0. **Current users should check their current settings to ensure that the correct results are obtained**
CAS-02705	Specific PMI display issues with weld symbols has been solved
CAS-02708	It is now possible to translate PMI without captures
CAS-02844	Note has been added to Recipe Editor explaining that the use of additional formats for the Worker should be configured using Windchill publish rules
CAS-02870	A problem with datasets containing an empty part/sub-assembly creating empty output data (even when there is other geometry in the dataset) has been fixed
CAS-02890	Failure to read specific pipe data has now been fixed
CAS-02900	Non-manifold data which crashed the translation now processes and correctly reports that the data is non-manifold
CAS-02917	Structure is now translated correctly when an empty CATProduct is translated using positioning assemblies
CAS-02981	Certain geometrical data types that were omitted in error are now supported
CAS-02982	'Infinite loop' when creating STL from specific data now fixed
CAS-02983	Structure is now converted successfully when data is hidden in the leaf nodes, unnamed parts are created currently.
CAS-02991	Merge PDF now works, there is still an issue with sheets named Sheet.* not able to be ignored
CAS-02997	Ignore/keep PDF lists now work, there is still an issue with drawings named Sheet.*
CAS-03002	A crash which occurred when outputting a PDF document from a CATDrawing has been fixed
CAS-03013	A positioning error when converting particular sub-assemblies using AEC data has now been fixed
CAS-03038	The 'Save as' page for alternate files has been modified and the documentation updated to provide better understanding of the inputs and outputs from this process
CAS-03041	Additional formats are now correctly supported in the pvoa file
CAS-03045	The documentation has been changed to emphasise limitations of some additional drawing formats especially with respect to multi-sheet drawings
CAS-03105	PDF and DXF files are now correctly added to the pvoa file when using job files
CAS-03162	PDF output is now output correctly when publishing as a main output and also an additional format

CAS-03222	PTC_WM_* properties are published on the root product when using Positioning Assembly mode
CAS-03244	PDF Merge will now take into account sheets that are identically named
CAS-03268	Minimum memory mode creates empty JT assemblies, is documented as a restriction at this Version