PRODUCT RELEASE ANNOUNCEMENT

Product Category	CADverter
Product Group	CATIA V5 to Creo View for Windchill
Release Version	24.2

Document Type	Product Release Announcement
Status	Released
Revision	3.0
Author	Product Manager
Issued	19-Jan-22

Contents

History

Revision	Update Information
1.0	Released
2.0	Download Link Updated
3.0	Product Code Change

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-S6	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 & V5-6R2021
Creo View Client	Up to Creo View8.0

Supporting API's

The following supporting API versions are used

Application	Revision
JTOpen	JT10.8.0
3D PDF	HOOPS Exchange Publish 2020 (V13.0)
Creo View DAPI	8.0.0.0 - (18.0.0.0)

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 V5-6R2016, V5-6R2017 & V5-6R2018, V5-6R2019, V5-6R2020 & V5-6R2021

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 11.17 Theorem UI Installer 24.2

New Features / Enhancements

The following new features or enhancements were introduced with the 23.4 release. They are included in this document for the convenience of customers who have skipped that release and are moving straight to 24.0.

Ref ID	New and Changed
1	Tesselation that uses bounding box functionality is in place which should improve the tesselation of both geometry and PMI in most cases. This is enabled by default.
2	Materials and mass properties are now read by default. This will give more accurate results in Creo View.
3	Material visual properties (colour, opacity) are read. Inheritance is also in place for multi-body components.
4	Recipe file changes have been made to suit the above functionality. Certain items have been removed from the recipe editor and are now defaults.

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	Material properties only include colours but not texture maps. i.e. a material such as gold will have its colour mapped, whereas a material texture such as honeycomb will not.

Resolved Support Calls

The following list of Support Calls are resolved with this release

Support Call ID	Brief Description
CAS-04560	WCNEXT application error can be fixed with startup scripts see (https://www.ptc.com/en/support/article/CS155210)
CAS-04568	A specific case where positioning assembly failed has been corrected
CAS-04596	Crash is fixed when using mass properties with materials and multi-body parts. These attributes are now read by default, resulting in more accurate mass properties.
CAS-04651	Enhancements to views/captures without cameras, which caused issues, has been removed and will be reviewed in the next release.
CAS-04671	Enhancements to views/captures without cameras, which caused issues, has been removed and will be reviewed in the next release.
CAS-04672	Enhancements to views/captures without cameras, which caused issues, has been removed and will be reviewed in the next release.
CAS-04679	An issue with default sag values has been fixed so that unexpected very large cgrs are no longer produced.