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## PRODUCT RELEASE ANNOUNCEMENT

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Product Category	<b>Visualize 3D</b>
Product Group	CATIA V5 to Creo View
Release Version	19.2

Document Type	<b>Product Release Announcement</b>
Status	Released
Revision	4.0
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## History

Revision	Update Information
1.0	Initial Release
2.0	Internal Updates
3.0	Internal Updates
4.0	Resolved Support Call Updates <sup>4.0</sup>

## Product Codes

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

## Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
<b>CATIA V5</b>	R18, R19, R20, R21, V5-6R2012, V5-6R2013, V5-6R2014 & V5-6R2015

## Supporting API's

The following supporting API support is used

Application	Revision
<b>JTOpen</b>	Jtk8.1
<b>Creo View DAPI</b>	Creo 3.1 - M030 (13.3.0.43)
<b>3D PDF</b>	API HOOPS Exchange Publish 2015 (v8.1)

## Supported Operating Systems

The following operating systems have been qualified with this release

Operating System	Qualification Status
<b>Windows 7 64bit</b>	Qualified and fully supported (All CATIA V5 Revisions)
<b>Window 8 64bit</b>	Not formally qualified for CATIA V5 R18, R19, R20, R21 and CATIA V5-6R2012  Qualified and fully supported for CATIA V5-6R2013, CATIA V5-6R2014 and CATIA V5-6R2015 Only
<b>Windows Server 2008 R2</b>	Not formally qualified for CATIA V5 R18, R19 and R20  Qualified and fully supported for CATIA V5 R21, CATIA V5-6R2012, CATIA V5-6R2013, CATIA V5-6R2014 and CATIA V5-6R2015 Only
<b>Windows Server 2012</b>	Not formally qualified for CATIA V5 R18, R19, R20, CATIA V5 R21, CATIA V5-6R2012 and CATIA V5-6R2013  Qualified and fully supported for CATIA V5-6R2014 and CATIA V5-6R2015 Only



## Distribution Media

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

Product	URL for CD image download
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<b>Support for ALL Versions</b>	<a href="#">Product Download Information</a>
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## 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	<i>New API: Use of DAPI - Creo 3.1 - M030 (13.3.0.43)</i>
2	<p><i>Assembly Level PMI: Assembly level PMI associations are now supported</i></p> <p><i>Note! Minimum Memory and Positional Assembly modes do not support this capability</i></p> <p><i>Note! Support for assembly associations requires the output Creo View Type to be set to &gt;= 1200 and requires a Viewer of Creo v3.1 or higher. Recipe setting = <code>adapter/outputPView=1200</code> )</i></p>
3	<i>Large Plane Support: Large planes can now be optionally converted to Datum Surfaces or Planes (REQ00164)</i>
4	<i>Empty Parts: Empty parts can now be created without the use of a dummy point (REQ00166)</i>
5	<p><i>Model Based Definition: The <b>Model Based Definition</b> field in the recipe editor has been replaced by <b>Process Specification Tree</b> - The tree options are : <b>Disabled, Enabled, Enabled - Expanded</b>. The <i>Enabled - Expanded</i> selection is provided to support 'Default view States' in a below part level specification tree. (REQ00136)</i></p> <p><i>Note! Existing recipe files will still be supported in R19.1</i></p>
6	<i>Model Based Definition: The <b>Model Based Definition (now Process Specification Tree)</b> has had references to <i>Attribute Styles</i> removed. The new default is (style 1) and the user can enable (style 2) as an advanced option (REQ00142)</i>
7	<p><i>3D PDF Add-On: The ability to save as 3D PDF from either a recipe file setting or a job file has been added</i></p> <p><i>Note! This feature requires an optional Theorem License (REQ00145)</i></p>
8	<i>Flat To Screen PMI: Support for zoomable, Flat to screen PMI has been added (REQ00165)</i>
9	<i>Component ID Support: Support for Component Ids has been added, but not formally QA'd (REQ00094)</i>
10	<p><i>New User Interface: Support for the Theorem UI has been added.</i></p> <p><i>Note! This capability has not been formally documented, as it is felt that the vast majority of users will not wish to take advantage of this capability</i></p>



## 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>Capture Zoom:</i> There are known issues with Capture-Zoom that are under investigation. Captures without an associated camera are not fully supported <b>(REQ00023)</b>
2	<i>PMI Filled Fonts:</i> Due to default Creo View tessellation settings, sometimes filled PMI can appear badly formed in Creo View. This can be resolved by adjusting the tessellation settings (See: user <a href="#">documentation</a> )
3	<i>Assembly Level PMI:</i> Setting the recipe setting adapter/outputAnnotFloat=0 will limit the Creo View version created such that assembly level PMI is not supported



## Resolved Support Calls

The following list of Support Calls are resolved with this release

<b>Support Call ID</b>	<b>Brief Description</b>
<b>CAS-02109</b>	<i>Exit Codes</i> : Improvements have been made to the DAPI in the area of exit codes
<b>CAS-02153</b>	<i>Positional Assemblies</i> : A bug has been fixed in Positional Assembly Processing
<b>CAS-02175</b>	<i>Point Style</i> : Improvements have been made in point style support
<b>CAS-02224</b>	<i>Flat To Screen PMI: Support for zoomable, flat to screen PMI has been added (REQ00165)</i>
<b>CAS-02228</b>	<i>Assembly Level PMI Associations</i> : Assembly Level PMI geometry associations now work  <i>Note!</i> Support for assembly associations requires the output Creo View Type to be set to >= 1200 and requires a Viewer of Creo v3.1 or higher. Recipe setting = adapter/outputPView=1200 )
<b>CAS-02231</b>	<i>PMI Datum Processing</i> : Issue associated with Capture visibility of Simple Datum's resolved
<b>CAS-02258</b>	<i>Attribute Processing</i> : The order when writing attributes has been corrected
<b>CAS-02303</b>	<i>CATIA V4</i> : Session and related .model files are now created as alternative file formats
<b>CAS-02313</b>	<i>Attributes Processing</i> : Issues in attribute processing resolved
<b>CAS-02346</b>	<i>CATIA V4</i> : Data related issue with .model processing resolved
<b>CAS-02349</b>	<i>Translation Fails</i> : Fatal processing error resolved
<b>CAS-02374</b>	<i>Minimum Memory Mode</i> : Data related issue with large assembly processing resolved
<b>CAS-02394</b>	<i>PMI Alignment</i> : Data specific issues with flag notes and text alignment have been resolved
<b>CAS-02410</b>	<i>PMI Flipping</i> : Data specific issue with PMI flipping processing resolved
<b>CAS-02411</b>	<i>PMI Flipping</i> : Data specific issue with PMI flipping processing resolved
<b>CAS-02412</b>	<i>Large Plane Support</i> : Large planes can now be optionally converted to Datum Surfaces or Planes <b>(REQ00164)</b>
<b>CAS-02413</b>	<i>Points Processing</i> : Data specific issue with Points processing resolved
<b>CAS-02420</b>	<i>Points Processing</i> : Data specific issue with Points processing resolved



<b>CAS-02421</b>	<p><i>Flat To Screen PMI:</i> Support for zoomable, flat to screen PMI has been added <b>(REQ00165)</b></p> <p><i>Note!</i> Support for zoomable flat to screen text requires the output Creo View Type to be set to &gt;= 1200 and requires a Viewer of Creo v3.1 or higher. Recipe setting = <i>adapter/outputPView=1200</i> )</p>
<b>CAS-02426</b>	<p><i>Transparency:</i> Data specific issues with Transparency processing resolved</p>
<b>CAS-02442</b>	<p><i>Composites Processing:</i> A data specific issue with missing composite nodes has been resolved</p>
<b>CAS-02553</b>	<p><i>Positioning Assemblies:</i> Issue resolved with positioning assemblies / Component ID conflicts <sup>4.0</sup></p>
<b>CAS-02554</b>	<p><i>Job Files:</i> Issues resolved when CATDrawing are published to PDF when using a job file <sup>4.0</sup></p>
<b>CAS-02555</b>	<p><i>Job Files:</i> Issue resolved where 3D PDF files where 'created' twice when using a job file. <sup>4.0</sup></p>
<b>CAS-02599</b>	<p><i>Job Files:</i> Issues resolved when CATDrawing are published to PDF when using a job file <sup>4.0</sup></p>

