PRODUCT RELEASE ANNOUNCEMENT

Product Category	**Publish 3D**
Product Group	CREO > 3D PDF
Release Version	20.3

Document Type	**Product Release Announcement**
Status	Released
Revision	1.0
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Issued	23/01/2018

Contents

History

Revision	Update Information
1.0	Initial Release.

Product Codes

Product Code	Product Description
CREPDF-U1	Creo Publish 3D On Demand Interactive & Batch processing
CREPDF-I1	Creo Publish 3D Interactive
CREPDF-A1	Creo Publish 3D Configuration Tool
CREPDF-A2	Creo Publish 3D Java Script Add-on Module

Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
Creo Parametric	2.0 (M110 or Higher is recommended) 3.0 (M040 or Higher is recommended) 4.0 (M030 or Higher is recommended)
Adobe Reader	Adobe Reader XI, DC

Supporting API's

The following supporting API versions are used

Application	Revision
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
Windows 8 64bit	Qualified and fully supported
Windows 10 64 Bit	Qualified and fully supported

Distribution Media

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

Software	Required for	URL for CD image download
Installation Media	Interactive & On-Demand	cdCAD_20.3_CREPDF_WIN.01
Unified Interface	On-Demand only	cdCAD_20.3_UI_WIN.01
License Server	Interactive & On-Demand	CAD_FLEXLM_11.14_WIN.01

New Features / Enhancements

The following new features or enhancements have been introduced with this release

Creo > 3D PDF

Ref ID	New Feature / Enhancement Description
1	Correct poster display
2	Improved support for the publishing of Layer State display by Combined State
3	Retrieve annotation parameters
4	PMI surface highlighting
5	Display dimension tolerances in PDF – Requires 'tol_display yes' in config.pro
6	Display part level PMI in Assembly – Requires translation arguments: 'read_pmi read_assy_pmi move_subassy_pmi all part_level_pmi'
7	Sub-assembly level PMI in top-node Assembly – Requires translation arguments: 'read_pmi read_assy_pmi move_subassy_pmi all part_level_pmi'
8	Publishing of Simplified Representation display by Combined State
9	Display of curves as separate nodes in the PDF Model Tree – Requires translation arguments: ' views_geom_filter 15'
10	Display of Centerlines and Axis as separate nodes in the PDF Model Tree – Requires translation arguments: ' views_geom_filter 15'
11	Improved support for reference planes not hidden in view
12	Improved support for Layer State visibility
13	Assembly occurrences (dimension associativity, colours, etc) - Requires translation arguments: 'unique_occ'

14	Sub-assembly level PMI displayed in top-level views (Driving dims)
15	Read PMI attributes and filtering out of known/Theorem internal attributes

Known Limitations and Restrictions

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

Creo > 3D PDF

Ref ID	Limitations and Restrictions
1	Style States not supported via the Creo API and therefore cannot be honoured in PDF.
2	Where wireframe (curves) lie on a surface, it may be difficult to see the curves unless the model is switched to Transparent or the view is slightly rotated.
3	Cross Hatching is not supported via the Creo API and therefore cannot be honoured in PDF.
4	Cosmetic Thread surface is not supported via the Creo API and therefore cannot be honoured in PDF.
5	Offset cross sections are not currently supported.
6	Display of Thread Graphics in PDF not possible due to API limitation.
7	Display of Cross Hatching in PDF not possible due to API limitation.

Resolved Support Calls

The following list of Support Calls are resolved with this release

Creo > 3D PDF

Support Call ID	Brief Description
1	
2	
3	