



PRODUCT RELEASE ANNOUNCEMENT

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Product Group	CATIA V5 - CADD5
Release Version	19.3

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History

Revision	Update Information
1.0	Initial Release

Product Codes

Product Code	Product Type	Product Description
CADCA5-L1	Base Product	CADDS > CATIA V5
CADCA5-L2	Add-on module	CADDS > CATIA V5 (with routed systems support)
CA5CAD-L1	Base Product	CATIA V5 <> CADDS

Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
CATIA V5	CATIAV5 R19 64Bit CATIAV5 R20 64Bit CATIAV5 RR21 64Bit CATIA V5-62012 64Bit CATIA V5-62013 64Bit CATIA V5-62014 64Bit CATIA V5-62015 64Bit CATIA V5-62016 64Bit
CADD55	CADD5 C4X/C5

Supported Operating Systems

The following operating systems have been qualified with this release

Operating System	Qualification Status
Windows 7 64bit	Qualified and fully supported
Window 8 64bit	Qualified and fully supported



Distribution Media

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

Product	URL for CD image download
All Versions	CAD_19.3_CADCA5_WIN.01.zip
Unified Interface	cdCAD_19.3_UI_WIN.01.zip

New Features / Enhancements

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

Ref ID	New Feature / Enhancement Description
1	Support for CATIA V5-62016 64Bit
2	V5 INSTANCE RENAMING – Support for the control of how instance are renamed, using a set configuration or the users defined options in the CATSettings
3	V5 REPRESENTATIONS SUPPORT - Allows all representations for a node to be read
4	V5 LEAF NODE PROCESSING - Reads extra level of specification tree structure
5	V5 GEOMETRY EDGE PROCESSING - Allows the edge curves for a planar FTA construction geometry to be created as standalone curves allowing the plane to be viewed edge on
6	V5 ENHANCED COLOUR PROCESSING – Additional support for model colour processing and support for Washes colour specified on the root node of the specification tree down over all bodies
7	V5 CONTROL FOR QUASI CYCLICITY - Allows control of the tolerance that a surface is checked for quasi cyclicity
8	V5 DATUM FACE SIZE CONTROL – This allows planar datum geometry to be read as a face and sized to a user defined size.
9	MERGING OF CGR VERTICES – New option that enables the merging of CGR vertices, this is now off by default
10	V5 ATTRIBUTE UPDATE - Added units to attributes, support for getting attribute magnitude from attribute mapping file
11	V5 UPDATED COLOUR AND OPACITY SUPPORT - Part root colour and opacity is now stored on detail. Also now allow opacity on solids / faces to be inherited from root node of specification tree
12	V5 UPDATE TO CGR PROCESSING - When reading a CATProduct that references a CGR that’s not on the system as from delmia save the CGR file to a temp location, read then delete
13	V5 DATA TARGET PROCESSING – Update to remove any duplicated geometry association when also associated to Simple Datum
14	V5 WRITE: FAILED FACE PROCESSING – added a number of options to allow a user to configure what is done if a BREP translation fails.
15	V5 WRITING ONE CATPART PER BODY – Allows the user to create a separate CATPart per body



Known Limitations and Restrictions

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

Ref ID	Limitations and Restrictions
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1	<i>Unified Interface</i> - When exporting to CADDs using the UI, long file names are truncated to 18 characters
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