PRODUCT RELEASE ANNOUNCEMENT

Product Category	**CADverter**
Product Group	CATIA V5 (Independent) for Parasolid
Release Version	19.2

Document Type	**Product Release Announcement**
Status	Released
Revision	2.0
Author	Product Manager
Issued	23/05/2016

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History

Revision	Update Information
1.0	Initial Release

Product Codes

Product Code	Product Description

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C5IPSL-U1	Catia V5 Independent > Parasolid Unidirectional Base Product
PSLC5I-U1	Parasolid > Catia V5 Independent Unidirectional Base Product
C5IPSL-B1	Catia V5 Independent <> Parasolid Bidirectional Base Product

Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
CATIA V5	All CATIA V5 file revisions from CATIA V5 R15 up to CATIA V5-6R2015. Note! This translator product does NOT require a CATIA V5 installation

Supporting API's

The following supporting API support is used

Library	Revision
Parasolid	v27.0
CATIA V5 CGM Interface	Spatial R2016 GA HF 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
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 C5IPSL Products	cdCAD_19.2_C5IPSL_WIN.01
Unified Interface	cdCAD_19.2_UI_WIN.01

New Features / Enhancements

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

Ref ID	New Feature / Enhancement Description

1	*New Product :*
	This is the first release of a new family of translators between CATIA V5i and Parasolid. The family consists of a bi-directional translator and uni-directional translators for both Parasolid to CATIA V5i and CATIA V5i to Parasolid.
	These products make use of:-

- Spatial CGM libraries. This is a rewrite of the original CATIA V5i translator which was based upon Spatial's InterOp API

- The following features are supported in this new product offering:-

  - Standard Assembly Processing
  - Standard Geometry Processing:
    - BREP Solids
    - Analytic Surfaces / Curves
    - Nurbs Surfaces / Curves
    - Wireframe
    - CGR
  - Document Properties
  - Material Properties (Colour, Transparency, etc)

Known Limitations and Restrictions

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

Ref ID	Limitations and Restrictions
1	*Assembly CGR Positioning:* In some circumstances where an assembly is represented by CGR data, some components can appear out of position.
2	*Sheet Metal Context:* Only the folded state can be currently be read. Unfolded state read is planned for a later release of the Spatial API. *(Spatial support call #150930-000002)*
3	*Instance Colours and Instance Attributes:* Override instance properties are currently not supported *(spatial support call #150928-000002)*
4	*UI Export:* Export fails when selecting a sub-part and naming it the same as the input part (which is default)
5	*Installed Documentation:* The documentation shipped with the CD has some missing links to images. It is advised that for the most up to date documents that users refer to the web based help found at: www.theorem.com/Documentation

Resolved Support Calls

The following list of Support Calls are resolved with this release

Support Call ID	Brief Description
CAS-01305	*Large Surface Processing:* Large surfaces are now filtered
CAS-01313	*Assembly CGR Positioning:* Much improved at this release, but still not resolved completely