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## PRODUCT RELEASE ANNOUNCEMENT

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Product Category	<b>Visualize 3D</b>
Product Group	CATIA V5 (Independent) for NX
Release Version	19.2

Document Type	<b>Product Release Announcement</b>
Status	Released
Revision	2.0
Author	Product Manager
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## History

Revision	Update Information
1.0	Initial Release

Product Codes

Product Code	Product Description
<b>C5INX-U1</b>	Catia V5 Independent > NX Unidirectional Base Product
<b>C5INX-A1</b>	Catia V5 Independent > NX Unidirectional Add-on module for PMI
<b>C5INX-A2</b>	Catia V5 Independent > NX Unidirectional Add-on module for PDF
<b>C5INX-B1</b>	Catia V5 Independent > NX Bi-directional Base Product
<b>NXC5I-U1</b>	NX > Catia V5 Independent Unidirectional Base Product
<b>NXC5I-A1</b>	NX > Catia V5 Independent Unidirectional Add-on module for PDF

All products in **RED** are new at this version



## Supported Application Revisions

The following application revisions have been qualified with this release

Application	Revision
<b>CATIA V5</b>	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
<b>NX</b>	NX 8.5, NX 9.0, NX10

## Supporting API's

The following supporting API support is used

Library	Revision
<b>CATIA V5 CGM Interface</b>	Spatial R2016 GA HF 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
<b>Window 8 64bit</b>	Qualified and fully supported



## Distribution Media

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

<b>Product</b>	<b>URL for CD image download</b>
<b>C5INX-U1</b>	<a href="#">cdCAD 19.2 C5INX WIN.01</a>
<b>Unified Interface</b>	<a href="#">cdCAD 19.2 UI WIN.01</a>

## New Features / Enhancements

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

**Ref ID    New Feature / Enhancement Description**

<b>1</b>	<p><i>New Product :</i></p> <p>This is the first release of a new bi-directional translator between CATIA V5i and NX and also a uni-directional translator for NX to CATIA V5i. The uni-directional translator for CATIA V5i to JT was first released at Version 18.5.</p> <p>These products make use of:-</p> <ul style="list-style-type: none"> <li>▪ Spatial CGM libraries. This is a rewrite of the original CATIA V5i translator which was based upon Spatial’s InterOp API</li> </ul> <p>The following features are supported in this new product offering:-</p> <ul style="list-style-type: none"> <li>• Standard Assembly Processing</li> <li>• Standard Geometry Processing:             <ul style="list-style-type: none"> <li>○ BREP Solids</li> <li>○ Analytic Surfaces / Curves</li> <li>○ Nurbs Surfaces / Curves</li> <li>○ Wireframe</li> <li>○ CGR</li> </ul> </li> <li>• Document Properties</li> <li>• Material Properties (Colour, Transparency, etc)</li> <li>• Mass Properties</li> <li>• PMI</li> <li>• Large Assembly Processing</li> </ul>
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## Known Limitations and Restrictions

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

**Ref ID      Limitations and Restrictions**

<b>1</b>	<i>Assembly CGR Positioning:</i> In some circumstances where an assembly is represented by CGR data, some components can appear out of position.
<b>2</b>	<i>Sheet Metal Context:</i> Only the folded state can be currently be read. Unfolded state read is planned for a later release of the Spatial API. ( <i>Spatial support call #150930-000002</i> )
<b>3</b>	<i>Instance Colours and Instance Attributes:</i> Override instance properties are currently not supported ( <i>spatial support call #150928-000002</i> )
<b>4</b>	<i>PMI Processing:</i> The translator will attempt to read PMI by default. This capability requires an additional license.
<b>5</b>	<i>UI Export:</i> Export fails when selecting a sub-part and naming it the same as the input part (which is default)
<b>6</b>	<i>Installed Documentation:</i> 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: <a href="http://www.theorem.com/Documentation">www.theorem.com/Documentation</a>





## Resolved Support Calls

The following list of Support Calls are resolved with this release

<b>Support Call ID</b>	<b>Brief Description</b>
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