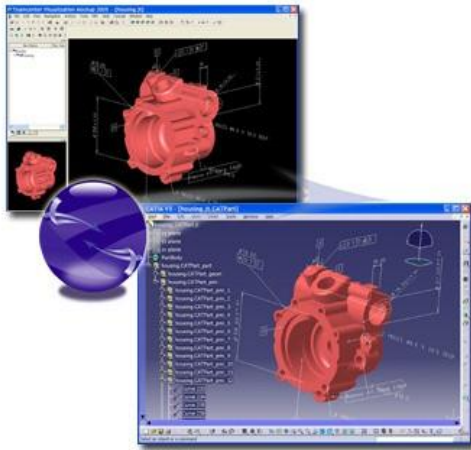


Ford Supplier JT to CATIA V5 CADverter



Overview

Ford have chosen Theorem's JT to CATIA V5 translator to support both their internal 'Design in Context' strategies and their defined process and methods for communicating design and manufacturing information with suppliers.

The JT to CATIA V5 product directly converts JT data into CATIA V5. The software converts all forms of 3D mechanical design geometry and assembly data. In addition to structure and component information, it converts product manufacturing information (PMI) in a JT file, into a CATIA V5 representation, together with colour and system defined attribute information. In the context of the Fords defined methods the software is run directly from within CATIA V5.

There are alternative uses of this software e.g. the software can be run outside of CATIA V5 in batch or from a command line interface, which can allow the translation process to be integrated with other processes. For example directly create CATIA V5 data from within Teamcenter.

Main Features

- ▶ Integrated with Teamcenter Engineering Translation Services (ETS).
- ▶ Converts JT BREP data into CATIA V5 CATShape data
- ▶ Converts JT assembly structure into CATIA V5 CATProduct data.
- ▶ Converts JT tessellated data into CATIA V5 CGR data
- ▶ Converts properties and attribute data including colour and layer information.
- ▶ Converts JT PMI data into a CATIA V5 representation.
- ▶ The conversion process can be run Interactively in CATIA V5 or Batch mode.
- ▶ A command line interface allows process integration.

Main Benefits

- ▶ JT BREP data can be processed into a CATIA V5 CATPart representation. This enables the CATIA user to import the JT geometry and interact with it in CATIA, saving time in creating a new geometry definition and enabling the data to be used as a native V5 part would be used.
- ▶ JT Assembly data can be processed into a CATIA V5 CATProduct representation. This enables the CATIA user to interact with the assembly in CATIA, saving time in design in context reviews by having access to the full assembly and so not having to re-build it.
- ▶ JT PMI (Product Manufacturing Information) can be processed in to CATIA V5. This will enable the manufacturing engineer to work directly on the 3D representation but containing the annotation and tolerancing information without recourse to a 2D drawing. This saves time and eliminates potential errors due to transcription and interpretation of drawing data
- ▶ JT PMI colour and layer settings may be applied to structure the data in CATIA V5. This "simplifies" the view of the data and so saves time during the process of reviewing and working on the data.
- ▶ The JT PMI data when displayed in CATIA V5 can be hidden allowing the user to selectively display the PMI data he needs for his purpose and so saves time during the process of reviewing and working on the data.

Prerequisites

The product runs in conjunction with Ford's C3PNG environment that includes CATIA V5. For specific version and prerequisite information contact Theorem.

Software License

Uses standard FlexNET Publisher licensing technology

Current supported versions of JT and CATIA V5

- ▶ All versions of JT are supported
- ▶ CATIA V5 R22

Operating Systems

- ▶ Windows - 64bit

Annual Support Contract

An additional annual support contract is available ensuring limited product down time and ongoing compatibility with all source applications.

The annual support contract:

- ▶ Automatically receive the latest CADverter updates and releases
- ▶ Access to a dedicated support team
- ▶ Submit support calls 24/7 through a dedicated web based portal.

Complimentary CADverter Technology

- ▶ **3D PDF Publisher:** Save native CAD to a PDF document enabling interactive use of a 3D data representation
- ▶ **CADviewer:** A data filtering and decision support tool for all aspects of Data Exchange
- ▶ **Data Exchange Navigator:** Enables users to understand received & translated data
- ▶ **Theorem Process Manager:** An automation and management solution for all CAD data exchange process

For USA and the Americas:

Theorem Solutions, Inc.
6279 Tri-Ridge Blvd., Ste. 240, Loveland
OH 45140-8320, USA
Tel: (513) 576 1100 Fax: (513) 576 1110
Email: sales-usa@theorem.com

For UK, Europe & Asia Pacific Region :

Theorem Solutions Ltd
Theorem House, Marston Business Park, Bonehill Road,
Tamworth, Staffordshire, B78 3HU, England
Tel: +44 (0) 1827 305 350 Fax: +44 (0) 1827 692 63
Email: sales@theorem.com

Follow us:

Website: <http://www.theorem.com>
Twitter: @theoremsolution & @cadverter
LinkedIn: <http://www.linkedin.com/company/126551>
Blog: <http://theoremsolution.wordpress.com>