Licensed Program Specifications (LPS)

Dassault Systèmes Highway for CATIA® and CADDS (CCWAY V2.21) for CATIA V5R21

Terms that are initially capitalized are defined in the Glossary - Release 1, available at www.3ds.com/terms/glossary.

Dassault Systèmes Highway for CATIA® and CADDS (CCWAY V2.21) offers a bi-directional interfacing environment between Dassault Systèmes CATIA V5 and CADDS. The primary characteristic of CCWAY is direct access to CADDS parts or Product Structure assemblies without using intermediate files like IGES, VDA, Set or STEP. Processing time is faster by reducing the number of steps in the translation process and by eliminating the intermediate files and temporary disk space. A CADDS 4X or 5 double precision part can be created from a CATIA 3D CATPart and read by CADDS, or, in the other direction, a CADDS4X/5 part can be translated into a CATIA V5 CATPart. In the CADDS to CATIA direction, all explicit and parametric 3D geometric and topological entities, including solids, are managed.

CCWAY can be configured to translate CADDS library figures to CATParts when translating Nodal figure, Subfigure, and Subassembly instances in a CADDS part. In this case, CCWAY will translate the CADDS part to a CATPart and place the CATPart(s) created from the CADDS figures in a new CATProduct document.

CCWAY translates CADDS non-graphic properties into Knowledgeware features using the CADDS prop file for decoding any properties defined by the customer. A CAA interface is provided to allow customers access to the CADDS non-graphic properties during a translation. A sample implementation of the interface provided as source code with CCWAY creates CATIA Knowledgeware features from the non-graphic properties.

CCWAY translates CADDS Product Structure assemblies directly into CATIA V5 CAT Product files. If a CADDS part file does not exist for a node, but a CADDS Graphic ASCII File (GAF) or Graphic Binary File (GBF) does, then CCWAY can translate GAF/GBF file into a CATIA Graphical Representation (CGR) file. In the other direction, CCWAY translates CATProduct files into CADDS Product Structure assembly files. CCWAY will also translate any part files and subassemblies referenced by the base assembly, if required. For increased performance a single CATIA session is used for translating any parts and subassemblies.

CCWAY provides a batch utility for translating CADDS GAF and GBF files into CATIA CGR files. The translator can be configured to create a single CGR file from the CADDS graphics file or create CGR files for each object in the graphics file. CCWAY extends the CATIA V5 logical file naming convention provided by DLNames to CADDS files and CVPATHs.

CCWAY has two interfaces, batch and interactive. The interactive interface provides a CATIA V5 workbench that can be added to the CATIA Start menu, offering a user interface consistent with the interactive CATIA product. The batch interface allows direct access to the CCWAY translators using a shell or batch script.

The CCWAY CATIA workbench allows the user to perform an interactive analysis of CADDS parts while running in a CATIA interactive environment. It is possible to analyze the CADDS part and display the CADDS geometrical data. For example, the user can analyze the control points of a CADDS curve for comparison with the resulting CATIA curve. CCWAY allows the user to check the quality of the converted data interactively.

Hardware Requirements

CCWAY is offered on Windows® XP for 32-bit and 64-bit platforms and the AIX® operating system for the RS/6000® family of products.

Hardware Requirements in a Windows Environment

Any configuration certified with CATIA Version 5 R21 SP1 at General Availability dates and the following components which are required for program installation:

> CD-ROM drive
> Minimum of 25MB disk space

Hardware Requirements in an AIX Environment

Any configuration certified with CATIA Version 5 R21 SP1 at General Availability dates and the following components which are required for program installation:

> CD-ROM drive
> Minimum of 25MB disk space

Software Requirements/Prerequisites

Common Software Requirements

CCWAY is designed to operate with CATIA Version 5, Release 21 Service Pack 1 software in the respective environments and requires the same level of Operating System software and patches that this level of CATIA requires.

Minimum programming configurations are stated below for each platform.

Microsoft Windows 32-bit Environment:

   Windows XP Professional SP2

Microsoft Windows 64-bit Environment:

   Windows XP Professional x64 edition

AIX 32-bit Environment:

AIX 6.1 Technical Level 02 (using 64-bit kernel) with the following components:
- XL C/C++ V10.1.0.0 Run-time Environment (part of AIX 6.1 TL02)
- XL Fortran V12.1.0.0 Run-Time Environment (part of AIX 6.1 TL02)
- OpenGL 1.3 as delivered on AIX CDs

All Environments

   CATIA Version 5, Release 21 Service Pack 1

   Dassault Systèmes License Use Management (LUM)

   o If CCWAY's LUM compound licenses are used, then License Use Management (LUM) Application Runtime Kit (ARK) Version 4.6.6, on 32-bit Windows, or Version 4.6.8 or later on AIX or 64-bit Windows is required on each workstation CCWAY is installed on.

Licensed Program Materials Availability

- Restricted materials - No. This licensed program is available without source licensed program materials. It is available in object code only.

Supplemental Terms

Licensing Schemes & Geographic Scope

The licenses on the Licensed Programs to which this LPS applies are granted pursuant to the Agreement with Dassault Systèmes for the following usage and authorized users as such terms are defined in the Glossary - Release 1, available at www.3ds.com/terms/glossary.

- up to the number of Users for which licenses have been ordered,
- in Concurrent Based mode, Machine Based (node-lock) mode,
- and only for use in the country for which the license is ordered.

Users whose usual workplace is located in the same country as the country where such use of the Licensed Program has been authorized, may use the Licensed Program in any other country (subject *inter alia* to the export and reexport laws and regulations provision of the Agreement) for purposes of a business trip of a maximum of thirty (30) consecutive days.

Other Permitted Uses

USE FOR CERTAIN SERVICES. Except for Development Tool Kits, Licensee is authorized to use such Licensed Programs for added-value engineering and/or implementation services. Added-value engineering or implementation services are services to deliver to a third party end user any deliverable generated specifically for said third party end user from use by Licensee of the Licensed Programs. In any event, Licensee may not (A) use the Licensed Programs to develop software code for (i) general distribution by any means, and whether alone or bundled or delivered with any product, data, information, software, or other element, or (ii) any services that do not add value attributable to the intervention of specific human skills, such as, without limitation, in a data services operation or as an applications service provider, or (B) install and/or operate the Licensed Programs on any hardware and/or software environment owned by or under control of any third party, or (C) represent or imply to any party that it is an authorized or certified provider of services for Dassault Systèmes. Licensee shall indemnify, defend and hold harmless DS against any claim, expense, judgment, damage, or loss (including reasonable attorneys' fees) which arises out of or in any way relates to Licensee's use of the Licensed Programs with third party end users.

OUTSOURCING TO A THIRD PARTY. Licensee is authorized to execute the Licensed Programs remotely on computers operated by third parties, provided that only duly authorized Users, and/or Extended Enterprise Users if applicable, shall have access to the Licensed Programs. Licensee may appoint a third party, such as an outsourcer, to

operate the hardware on which the Licensed Programs are installed, on behalf of Licensee, only if (i) Licensee does not assign the Agreement or any licenses granted thereunder, in whole or in part, to the third party, (ii) the third party and Licensee enter into a written Agreement under which the third party agrees that its access to and use of the Licensed Programs is subject to all of the grant of license, confidentiality, restrictions, and limitations on use provisions of the Agreement, and (iii) such third party is not a competitor of any DS Group Company. Licensee acknowledges and agrees that the third party shall be deemed an agent of Licensee. If Licensee becomes aware of any actual or suspected unauthorized use or disclosure of the Licensed Programs, Licensee shall immediately terminate the third party's access to and use of the Licensed Programs. Licensee shall indemnify, defend, and hold harmless Dassault Systèmes against any claim, expense, judgment, damage, or loss (including reasonable attorneys' fees) which arises out of or in any way relates to each third party's access to or use of the Licensed Programs.

LICENSEE'S RESPONSIBILITY. In addition to all terms and conditions of the Agreement and all other provisions of this LPS, Licensee agrees that it is responsible for ensuring that any use of the Licensed Programs by all Users and Extended Enterprise Users shall at all times be in compliance with the terms and conditions of the Agreement, and any breach by Extended Enterprise Users of the terms of this Agreement shall also be deemed a breach by Licensee.

Type/Duration of Program Services(also referred to as "Support Services")

You will find all necessary information including processes, on Dassault Systèmes website :

> **http://www.3ds.com/terms/support-policies**

Designated Machine Identification

No

Test Period

No

Use-Based Charges/Usage Restrictions

Charges for this program are based on the number of users logged on at any time. The total number of users logged on may not exceed the number for which you have been authorized. If the total number exceeds your authorization, you must notify Dassault Systèmes and obtain additional authorizations.

Security Mechanisms

Dassault Systèmes and its affiliated companies take all legal steps to eliminate piracy of their software products. In this context, the Licensed Programs may include a security mechanism that can detect the installation or use of illegal copies of the Licensed Programs, and collect and transmit data about those illegal copies only. Data collected will not include any Licensee data created with the Licensed Programs. By using the Licensed Programs, Licensee consents to such detection and collection of data, as well as its transmission and use if an illegal copy is detected. Dassault Systèmes also reserves the right to use a hardware lock device, license administration software, and/or a license authorization key to control access to the Licensed Programs. Licensee may not take any steps to avoid or defeat the purpose of any such measures. Use of any Licensed Programs without any required lock device or authorization key provided by Dassault Systèmes is prohibited.

Softcopy Publications

The Licensed Program may include licensed publications in displayable or source form. Except as provided in this section, the terms and conditions of the Agreement with Dassault Systèmes apply to these publications and to any copies that are made from them.

The licensed publications may be used in displayable or source form on all machines designated for this Licensed Program. The licensed publications may also be copied and used on other machines in support of authorized use of this Licensed Program.

To support authorized use of the Licensed Program, printed copies of the displayable or source material may be made if the copyright notice and any other legend of ownership is reproduced on each copy or partial copy. [1]

Warranty

The Licensed Program is warranted as specified in the Agreement with Dassault Systèmes.

Licensed Program Specifications may be updated from time to time and such updates may constitute a change in specifications.

Following the discontinuance of all Program Services (Support Services), this Licensed Program will be provided "As Is" as specified in the Agreement with Dassault Systèmes.

Footnotes:
[1]

Trademarks

CATIA and Dassault Systèmes logo are registered trademarks of Dassault Systèmes or its subsidiaries, in the US and/or other countries. CCWAY is a trademark of Dassault Systèmes or its subsidiaries, in the US and/or other countries.

Company, Licensed Program, products and services names may be trademarks or service marks of related companies.

References in this publication to Dassault Systèmes Products, Licensed Programs and/or Program Services (Support Services) do not imply that Dassault Systèmes intends to make these available in all countries in which Dassault Systèmes operates.

Any other documentation with respect to this Licensed Program, excluding any documentation referenced herein, is provided for reference purposes only and does not extend or modify these specifications.

December 2011