



Licensed Program Specifications (LPS)

Helix eXtended Interface Version 1 Release 13 for CATIA® V5

Helix eXtended Interface (HELIX-X) is composed of four parts: Helix Direct Interface, Helix Sketcher, Helix Plot and Helix Modeling Aids.

Helix Direct Interface enables a user to translate drawings from Helix to CATIA V5 and CATIA V5 to Helix.

Helix Sketcher enables a user to make a sketch for 3D modeling by the Helix draft operation.

Helix Plot enables a user to make an 'OFI' plot file the same as Helix Drafting.

Helix Modeling Aid includes customized commands for 3D modeling using 2D drawings.

HELIX-X provides:

- Direct drawing translation capabilities between Helix Drawing and CATDrawing.
- Easy exchange of drawings between Helix and CATIA V5.
- Additional user interface like Helix drafting on top of CATIA Sketcher to allow 3D design by Helix operation without learning CATIA Sketcher operation.
- Interface with Helix plot file ('OFI') which allows co-existence with Helix plot system.
- Customized commands which allow 3D modeling using 2D drawing.
- Assistance for users in 3D part generation from 3-view or Section drawing and transform 3D geometry directly.

Hardware Requirements

HELIX-X can run on the same hardware requirements as CATIA V5 for Windows® workstation.

Software Requirements

Windows XP® Professional Edition Service Pack 3

Windows XP Professional x64 Edition Service Pack 2 (64 bits)

Windows 7 x64 Enterprise Edition /Professional Edition

Windows XP x64 Edition (64 bits) or Windows 7 x64 Enterprise Edition/Professional Edition (64-bit); on X64, HXI V1R13 can work as a 32-bit application.

Microsoft Internet Explorer 5.01 or later.

Prerequisite Software

CATIA V5R21 SP1 or later configuration containing either of these lists of CATIA V5 software products (32-bits):

- PART DESIGN 1 (PD1), Assembly Design 1 (AS1), Interactive Drafting 1 (ID1) and Generative Drafting 1 (GD1). Examples of standard configurations containing those listed above are 5691-MD1 and 5691-ME1.
- PART DESIGN 2 (PDG), Assembly Design 2 (ASD), Interactive Drafting 1 (ID1) and Generative Drafting 2 (GDR). Examples of standard configurations containing those listed above are 5691-MD2, 5691-ME2, 5691-HD2, 5691-ADD and 5691-SBD

Targeted operating systems and versions: Windows XP or Windows 7

Other prerequisite: Internet Explorer 5.01 or later

This software product requires CATIA V5 at appropriate release and service levels, detailed in the 'Read Me' file contained on the product media.

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License Management

The minimum release of Dassault Systèmes License Use Management (LUM) V4 needed to run this application is LUM V4.6.8 (recommended with Patch 4.6.8.3). This version can be downloaded at no charge from <http://www.3ds.com/support/resource-library/> or a request for a physical media can be placed through the Dassault Systèmes Support.

Prerequisites for the Licensing Environment

Microsoft Windows workstations must have an active LAN card (Ethernet or token ring) and TCP/IP installed and properly configured, but there is no need to have the workstations connected to the network.

No additional license management software is required when accessing nodelock

license keys. License Use Management (LUM) is required to serve concurrent license keys across a network.

A LUM configuration file (i4ls.ini) is required on CATIA clients to access concurrent license keys from these servers.

Server and Nodelock license management mechanisms are available for CATIA V5 P1, P2, and P3 on all supported operating environments (Windows XP, Windows Vista, IBM AIX®, HP-UX, and Sun Solaris).

Designated Machine Identification

No

Test Period

No

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