CATIA Solutions Version 4 Release 2 Modification Level 5

CATIA Version 4 Release 2.5 delivers:

- Integration with ENOVIA VPLM ENOVIAVPM V1.6 Virtual Product Data Model solutions for process coverage throughout the Digital Enterprise.
- Infrastructure product (CATIA Object Manager, 5626-COM) with updated support for the latest operating systems and hardware.

Hardware Requirements

Common Hardware Requirements

- The hardware requirements for CATIA Solutions V4 are described in the *CATIA Solutions Installation Guide* (SH52-1189).
- The programming environment for CATIA Solutions V4 is described in the *CATIA Solutions Installation Guide* (SH52-1189).
- The storage requirements of CATIA Solutions V4 may vary with your selection of products and options. As a guideline for your dimensioning of storage requirements, maximum values are provided in the following sections, allowing a margin for maintenance modifications. Beside these values, up to 6 MB of temporary storage (/tmp) will be used during the installation, and up to approximately 100 MB for administrator customization without demo files.

As the different products may be installed separately, their individual sizes are also provided.

Note: However these products share large common parts and that the size of a given combination of any such products is usually significantly smaller than the sum of their sizes. Product sizes are provided, along with the size and mapping of standard configurations. **IBM AIX®**

Maximum storage requirements for types of deliveries:

Type	Maximum Size (Megabytes)
Code	1450
Demo	260

HP-UX

Maximum storage requirements for types of deliveries:

Type	Maximum Size (Megabytes)
Code	1300
Demo	260

Sun™ Solaris

Maximum storage requirements for types of deliveries:

Type	Maximum Size (Megabytes)
Code	1600
Demo	260

Windows® Hardware Requirements for CADAM Drafting V4.2.5

This topic applies to the CATIA/CADAM Drafting product suite only.

Processor Requirements

- System unit: An Intel® Pentium® III or Pentium 4-based workstation running Windows 2000 Professional Edition or Windows XP Professional Edition is required.
- Real memory: A minimum of 128 MB of real memory is required. The real memory requirement may be greater if large or complex models are to be used or it optimum performance is to be achieved.
- Direct access storage: 200 MB.

Peripheral Requirements

- An internal or external CD-ROM drive for program installation.
- An SVGA graphics card with a minimum of 2 MB of video RAM.
- A Windows compatible mouse or any pointing devise that emulates a Windows compatible mouse.
- An alphanumeric keyboard. A specific keyboard may be required for National Language Support, for example, the Japanese keyboard is required for Kanji support.
- One display compatible with a supported graphics card.
- A programmable function keypad, for use with the Windows version of CADAM Drafting. For more information visit:

  http://www.cadam.com

Programming Requirements

Common Software Requirements

CATIA V4.2.5 runs on selected levels of:

- IBM AIX
- Hewlett Packard HP-UX
- Sun Solaris
- Windows XP and Windows 2000 for CATIA/CADAM Drafting (5626-CCD) products only

Windows NT®, Windows 98, Windows 95, and Silicon Graphics IRIX operating systems are no longer supported.

Refer to the *Program Directory* or contact your Dassault Systemes Support Center for appropriate corrective service to apply to the software described in the following.

References to "CADAM Drafting products" include the CATIA/CADAM Drafting product suite as:

- CADAM Drafting (5626-CCD)
- CADAM IUE (5626-IUE)
- CATIA/CADAM 2D Markup and Annotation (5626-MU2)
- CATIA/CADAM MCX Translator (5626-MCX)
- CATIA/CADAM Hybrid Raster (5626-RAS)

These products run on the IBM AIX, Hewlett-Packard HP-UX, Windows 2000 and Windows XP platforms, but not on the Sun Microsystems platform.

Software Requirements for AIX 32-bit Platforms

- AIX 5.3 Maintenance Level 03, with the following components
    - XL C/C++ Enterprise Edition Run-time Environment at a minimum level of V7.0.0
    - XL 7 May 2005 PTF R/T (xlC.aix50.rte at level 7.0.0.6) delivered through APAR IY71976
    - XL Fortran Enterprise Edition for AIX Run-time at a minimum level of V9.1.0
    - November 2004 XL Fortran for AIX V9.1 Run-time PTF
    - Visual Age C++ 6 for AIX V5 at level 6.0.0.7 (March 2004 Visual Age C++ 6 for AIX PTF)
    - IBM PEX and PHIGS for AIX V5 (delivered with AIX V5L version 5.3)
    - OpenGL and GL3.2 Run Time Environment (delivered with the operating system)
    - Common Desktop Environment (CDE; delivered with the operating system)

Notes:

- With Release 2.5, CATIA V4 no longer supports:
    - AIX V4
    - AIX V5L V5.1
    - AIX V5L V5.2
- Usage of the 64-bit kernel is recommended. AIX systems are optimized and tested using the 64-bit kernel, which provides additional system space and physical memory for applications.
- When using 32-bit DB2® on AIX 5.3 using the 64-bit kernel, IBM recommends installing IY76140.
- If you use the **Product Structure Navigator (PSN)** product and CATIA as a viewer, this may fail. This happens when you start CATIA and then the PSN and you try to view a component form the PSN with CATIA. This is due to a load() system call problem. To correct it, you have to set an environment variable, before starting CATIA:

- `LDR_CNTRL=LOADPUBLIC`
- CATIA V4.2.5 is linked against Motif 1.2 libraries. CATIA API users who have a requirement on Motif libraries at link time should also select Motif 1.2 rather than Motif 2.1, which is the default on AIX 5.3. The section **F** of the **/usr/1pp/X11/README** file describes how to select Motif 1.2 at link time.

Software Requirements for HP-UX

HP-UX Version HP-UX 11i (December, 2004) with the following components at the minimum levels indicated:

- ANSI C++ Runtime Environment (A 3.5x)
- HP Fortran Runtime Environment B.11.1.y (delivered with the operating system)
- HP-UX 700 OpenGL 3D API Runtime Environment
- CDE (delivered with the operating system)

A localized version of the operating system may be required when the selected installation locale differs from ISO code pages.

Software Requirements for Sun Solaris

Sun Solaris 10, with the following components at the minimum levels indicated

- C and C++ run-time environment Sun Studio 10 (compat=4) (delivered with the operating system)
- OpenGL run-time environment (delivered with the operating system) or at a level 1.3, depending on the graphics adapter
- Fortran run-time environment (delivered with CATIA V4)
- CDE (delivered with the operating system)
- Motif 2.1

A localized version of the operating system may be required when the selected installation locale differs from ISO-1.

Windows Software Requirements for CADAM V4.2.5

CADAM Drafting V4 is supported on the following Windows environments:

- Windows 2000 Professional with Service Pack 4 or higher.
- Windows XP Professional with Service Pack 1 or higher.
- CADAM Drafting (5626-CCD) is required base for
    - CADAM IUE (5626-IUE)
    - CATIA/CADAM MCX Translator (5626-MCX)
    - CATIA/CADAM Hybrid Raster (5626-RAS)

    CATIA/CADAM 2D Markup and Annotation (5626-MU2) is a stand-alone product.

- All CADAM Drafting products in a given system must be at the same version, release, and modification level, unless specifically announced otherwise.

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

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

You will find all necessary information including processes, on Dassault Systemes web site :

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

Designated Machine Identification

No

Test Period

No

Use-Based Charges/Usage Restrictions

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