



# CATIA Solutions V4.2.5 delivers enhanced hardware and software support

## Overview

CATIA V4.2.5 demonstrates the commitment of IBM and Dassault Systemes to protect the investment of CATIA V4 customers by providing new hardware and software support.

This release also highlights the interoperability of CATIA V4.2.5 with ENOVIA VPLM ENOVIAPM V1.6. CATIA V4.2.5 offers full backward compatibility with CATIA V4.2.4 for both models and sessions.

CATIA V4.2.5 delivers:

- Integration with ENOVIA VPLM ENOVIAPM 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.

## Key prerequisites

CATIA V4.2.5 runs on selected system levels of:

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

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

**Planned availability date:** January 5, 2007

## At a glance

CATIA V4.2.5 delivers:

- Integration with ENOVIA VPLM ENOVIAPM 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

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## Description

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### **Re-announced products**

In parallel to the continuous development of CATIA V5, CATIA V4.2.5 announces enhanced hardware and software support. The re-announcement of the Mechanical Design Solution product, CATIA — Assembly Modeling (5626-ASS), provides the capability for managing an assembly using the ASDESIGN function. The ASDESIGN function offers similar capabilities as the TOOLS/ASSEMBLY function to manage assemblies. The TOOLS/ASSEMBLY capability is removed from the CATIA — Assembly Modeling product in this release. Designers will need to adjust their methodologies to use the ASDESIGN function.

The Component Application Architecture (CAA) Infrastructure Solutions product, CATIA Object Manager (5626-COM) is also being re-announced in this release. The CATIA Object Manager product contains the complete infrastructure and common features required by all the CATIA V4 products and configurations. This product provides the shared user interface, data management, and environment control features necessary for efficient operation of a complete CAD/CAM/CAE system. In V4.2.5 the CATIA Object Manager product offers new operating system support for CATIA V4.2.5 on IBM, HP, and Sun platforms.

**Mechanical Design Solutions** — This release re-announces one product in this solution family.

**CATIA — Assembly Modeling (5626-ASS)** — TOOLS/ASSEMBLY capability is removed. Users can still manage Assembly by using ASDESIGN function.

**CAA Infrastructure Solutions** — This release re-announces one product in this solution family.

**CATIA Object Manager (5626-COM)** — New operating system support is available for CATIA V4.2.5 on IBM, HP, and Sun platforms.

**Other improvements** — CATIA V4.2.5 provides interoperability with ENOVIA VPLM ENOVIA/VPV V1.6. CATIA V4.2.5 also has full backward compatibility with CATIA V4.2.4 for both models and sessions.

### **Accessibility by people with disabilities**

Owing to the graphics-intensive nature of its engineering design applications, this product has been granted a deviation for 2006.

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## Product positioning

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### **Product positioning — Globalization**

CATIA V4.2.5 program integrated information (PII) and softcopy product information are available in:

- English
- French
- German
- Japanese

PII is stored in compressed Unicode format (UTF-8) for worldwide exchange without the loss or misinterpretation of characters.

## **Hardware and software support services**

### **SmoothStart™/installation services:**

SmoothStart/Installation Services are not available for CATIA products.

### **Business Partner information**

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld ID and password are required (use IBM ID).

BP Attachment for Announcement Letter 206-306

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=206-306>

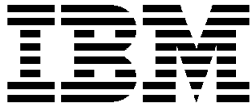
### **Trademarks**

SmoothStart is a trademark of International Business Machines Corporation in the United States or other countries or both.

AIX and SOM are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

Microsoft, Windows, and Windows NT are trademarks of Microsoft Corporation.

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# IBM United States Announcement Supplemental Information

November 28, 2006

## Re-announced products

CATIA V4.2.5 updates function and support to two products within CATIA's integrated design-to-manufacturing architecture.

### Mechanical Design Solutions

This release updates one product in this solution family.

**Assembly Modeling (5626-ASS)** provides the capability for managing an assembly using the ASDESIGN function. The ASDESIGN function offers similar capabilities as the TOOLS/ASSEMBLY function to manage assemblies. The TOOLS/ASSEMBLY capability is removed from the CATIA — Assembly Modeling product in this release. Designers will need to adjust their methodologies to use the ASDESIGN function.

### CAA Infrastructure Solutions

This release updates one product in this solution family.

**CATIA Object Manager (5626-COM)** is also being re-announced in this release. The CATIA Object Manager product contains the complete infrastructure and common features required by all the CATIA V4 products and configurations. This product provides the shared user interface, data management and environment control features necessary for efficient operation of a complete CAD/CAM/CAE system. In V4.2.5, the CATIA Object Manager product offers new operating system support for CATIA V4.2.5 on IBM, HP, and Sun platforms.

### Other improvements

CATIA V4.2.5 provides interoperability with ENOVIA VPLM ENOVIAPM V1.6. CATIA V4.2.5 also has full backward compatibility with CATIA V4.2.4 for both models and sessions.

**CATIA/CADAM Configuration Content:** The configuration trigrams are listed across the top of the matrix. The product trigrams are listed down the left side of the matrix.

P r o d u c t s	CAA Solutions		
	C	A	D
COM	X		
GII	X		
ATT	X		
SWE	X		

## Mechanical Design Solutions

P r o d u c t s	Configurations														
	D R P	D W D	S B P	S B V	S B D	F B D	A D I	A D D	A D V	A S D	A D 3	D E T	S D D	S D A	G C D
COM	X	X	X	X	X	X	X	X	X	X				X	
LIB	X	X	X	X	X	X	X	X	X	X				X	
DR2	X	X			X	X		X	X	X			X	X	
DRA	X	X			X	X		X	X	X			X	X	
DRS		X			X	X		X	X	X			X	X	
WF3			X	X	X	X	X	X	X	X			X	X	
DYS	X	X	X	X	X	X	X	X	X	X			X	X	
PA3			X	X	X	X	X	X	X	X			X	X	
SOE			X	X	X	X	X	X	X	X			X	X	
FEA						X	X	X	X	X					
SUD							X	X	X	X					
ASU							X	X	X	X					
FRF															
ASS										X	X				
KIN										X	X				
IMD															
SPA										X	X				
GPS				X					X						
VST												X			
DXF	X	X			X	X		X	X	X		X	X		
GPO				X					X						
SHE														X	
ASS															
IGS															
GSM															
COV															X
GCC															X
GCT															X

## Shape Design & Styling Solutions

P r o d u c t s	Configurations					
	S U P	A S H	S T Y	S U R	G S H	G B W
COM	X	X	X		X	
LIB	X	X	X		X	
WF3	X	X	X		X	
DYS	X	X	X		X	
SUD	X	X	X	X	X	
ASU	X	X	X	X	X	
FRF		X	X	X	X	
DR2		X				
DRA		X				
DRS		X				
VST			X			
DXF		X				
PA3						
SOE						
SHE						
GSM			X		X	X
BWT						X
STL			X			

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: <http://www.ibm.com>.

P R O D U C T S	Configurations					
	M X M	M D M	P R M	S U M	M U M	T O M
COM	X	X				
LIB						
WF3	X	X				
DYS		X				
NCB	X	X	X	X	X	X
MAA						
SUD		X				
NC3						
ASU						
NC5						
NCR						
PA3						
SOE						
DRA						
DR2						
DRS						
PMP	X	X	X	X	X	X
MAD		X				X
PMA			X			
TSA	X	X	X	X	X	X
DXF						
SMP	X	X		X	X	X
MMP	X				X	
IGS	X					

Analysis & Simulation Solution

P r o d u c t s	Configurations				
	F A N	F E I	D A A	C A N	G P A
COM	X	X	X		
WF3	X	X	X		
DYS	X	X	X		
SPM	X	X	X	X	
FEM	X	X	X	X	
ANI	X	X	X	X	
ELF		X	X		
SOE			X		
PA3			X		
SUD	X	X	X		
GPS					X
GPD					X
GPO					X

Equipment & System Engineering Solutions

P r o d u c t s	Configurations	
	E E M	E E F
COM	X	X
LIB	X	X
WF3	X	X
DYS	X	X
SOE	X	X
PA3	X	X
SPA	X	X
SPN		
TU3		
ELD	X	X
ELW	X	X
ELG		X
DRA		X
DR2		X
DXF		X
SPD	X	X
DRS		X

**CAA Application Development Products**

- CATIA.Graphics Interactive Interface Product (5626-GII)
- CATIA.CPW/Automated Test Tools Product (5626-ATT)
- CATIA.CPW/Software Environment Product (5626-SWE)

**CAA Infrastructure Products**

- CATIA.Object Manager Product (5626-COM)
- CATIA.Library Product (5626-LIB)
- CATIA.2D Wireframe and Annotation Product (5626-DR2)
- CATIA.3D Wireframe Product (5626-WF3)
- CATIA.Dynamic Sketcher Product (5626-DYS)
- CATIA.3D Parametric Variational Modeler Product (5626-PA3)
- CATIA.Exact Solids Product (5626-SOE)
- CATIA.Image Design Product (5626-IMD)
- CATIA.Visualization Studio Product (5626-VST)
- CATIA.Realistic Rendering Product (5626-REN)
- CATIA.Data Management — Build Time Product (5626-CDB)
- CATIA.Data Management — Run Time Product (5626-CDR)
- CATIA.Data Management Access Product (5626-CDA)
- CATIA.Data Management — Library Product (5626-LIC)
- CATIA.Solid Mock-Up Product (5626-SOM®)

**CAA Logistics Products**

- DXF/DWG Interface Product (5626-DXF)
- CATIA.Viewing Services Product (5626-CVS)
- CATIA.IGES Interface Product (5626-IGI)
- CATIA.IGES Integrated Interface Product (5626-IGS)
- CATIA.IGES MIL Standard 28000 Product (5626-IGC)
- CATIA.CATIA/CADAM Coupler Product (5626-CCC)
- CATIA.Publishing Product (5626-PBG)
- CATIA.STEP AP203 Interface Product (5626-STP)
- CATIA.STEP AP214 Infrastructure Interface Product (5626-ST1)
- CATIA.CATIA/CADAM Hybrid Raster Product (5626-RAS)
- CATIA.CADAM IUE Product (5626-IUE)
- CATIA.CATIA/CADAM MCX Translator Product (5626-MCX)

**CATIA V4 Mechanical Design (Mech) Solutions**

- CATIA.Drafting Product (5626-DRA)
- CATIA.Draw-Space (2D/3D) Integration Product (5626-DRS)
- CATIA.Feature-Based Design Product (5626-FEA)
- CATIA.Assembly Modeling Product (5626-ASS)

- CATIA.3D Functional Dimensioning and Tolerancing Product (5626-FDT)
- CATIA.Sheetmetal Design Product (5626-SHE)
- CATIA.CADAM Drafting Product (5626-CCD)
- CATIA.CATIA/CADAM 2D Markup and Annotation Product (5626-MU2)
- CATIA.Generative Aerospace Sheetmetal Design Product (5626-GSA)
- CATIA.Composites-Covering Product (5626-COV)
- CATIA.Generative Composites Covering Product (5626-GCC)
- CATIA.Generative Composite Tape Design Product (5626-GCT)

#### ***CATIA V4 Shape Design & Styling (SDS) Solutions***

- CATIA.Generative Shape Modeling Product (5626-GSM)
- CATIA.CATIA/Alias Interoperability Product (5626-CAI)
- CATIA Surface Design Product (5626-SUD)
- CATIA.Advanced Surface Design Product (5626-ASU)
- CATIA.Free Form Design Product (5626-FRF)
- CATIA.Develop Product (5626-DEV)
- CATIA.Global Shape Deformation Product (5626-GSD)
- CATIA.Engraving/Embossing Product (5626-ENG)
- CATIA.Geodesic Product (5626-GEO)
- CATIA.Body in White Templates Product (5626-BWT)

#### ***CATIA V4 Manufacturing (MFG) Solutions***

- CATIA.Manufacturing Infrastructure Product (5626-NCB)
- CATIA.Milling Analysis Product (5626-MAA)
- CATIA.Multiple Axis Milling Product (5626-NC5)
- CATIA.Rough Cutting Product (5626-NCR)
- CATIA.Prismatic Machining Programmer Product (5626-PMP)
- CATIA.Surface Machining Programmer Product (5626-SMP)
- CATIA.Multi-Axis Machining Programmer Product (5626-MMP)
- CATIA.Mold & Die Machining Assistant Product (5626-MAD)
- CATIA.Prismatic Machining Assistant Product (5626-PMA)
- CATIA.Toolshop Access Product (5626-TSA)
- CATIA.Lathe Product (5626-TUR)
- CATIA.Post Processor Builder Product (5626-PPB)
- CATIA.Robot and Controller Definition Product (5626-ROC)
- CATIA.Cell Design and Robot Programming Product (5626-ROS)
- CATIA.Nesting Product (5626-NES)
- CATIA.STL Rapid Prototyping Product (5626-STL)
- CATIA.Inspection Planning Assistant (5626-IPA)

- CATIA.Lathe Machining Programmer Product (5626-LMP)
- CATIA.Generative Composites Manufacturing Product (5626-GCM)

#### ***CATIA V4 Analysis & Simulation (ANS) Solutions***

- CATIA.Assembly and Substructure Analysis Product (5626-ASA)
- CATIA.Scientific Presentation Manager® Product (5626-SPM)
- CATIA.Finite Element Modeler Product (5626-FEM)
- CATIA.Analysis Infrastructure Product (5626-ANI)
- CATIA.ELFINI Solver Product (5626-ELF)
- CATIA.Kinematics Product (5626-KIN)
- CATIA.Generative Part Stress Analysis Product (5626-GPS)
- CATIA.Generative Part Optimization Product (5626-GPO)
- CATIA.NASTRAN Interface Product (5626-NAS)
- CATIA.Generative Part Dynamic Analysis Product (5626-GPD)

#### ***CATIA V4 Equipment & Systems Engineering (ESE) Solutions***

- CATIA.Space Analysis Product (5626-SPA)
- CATIA.Space Navigation Product (5626-SPN)
- CATIA.Electrical Device and Support Modeling Product (5626-ELD)
- CATIA.Electrical Wire Bundle Installation Product (5626-ELW)
- CATIA.Electrical Generative Formboard Product (5626-ELG)
- CATIA.Systems Pathways Definition Product (5626-SPD)
- CATIA.3D Tubing Design Product (5626-TU3)
- CATIA.System Schematics Product (5626-SCH)
- CATIA.Fitting Simulation Product (5626-FIT)
- CATIA.Knowledge Engineering Product (5626-CKE)
- CATIA.2D Building Design Product (5626-BDG)
- CATIA.3D Structures Product (5626-STM)

## CATIA/CADAM AEC Plant and Shipbuilding Products and Configurations

CATIA/CADAM AEC Plant and Shipbuilding Solutions

P r o d u c t s	Configurations															
	P D B	P P D	P S D	P S A	P D G	P I P	P L D	P D D	P A I	P V M	P S H	P R D	P M D	P C D	P T D	
COM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
LIB	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ABA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ADR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
DXF	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
EQT	X					X	X					X	X	X		
APD		X					X						X			
STF			X	X			X					X		X		
STA				X										X		
ADP					X										X	
ISO						X										
SPA							X						X			
ADW							X	X					X			
PID									X							
CDR										X						
SHD											X					
DYS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ARW						X					X	X				
SPD											X					
FIT													X			

### CATIA Companion Products

- CATIA Object Manager (5626-COM)
- CATIA Library (5626-LIB)
- CATIA.CATIA/CADAM Hybrid Raster (5626-RAS)
- CATIA.CATIA/CADAM Coupler (5626-CCC)
- CATIA Fitting Simulation (5626-FIT)
- CATIA Image Design (5626-IMD)
- CATIA Publishing (5626-PBG)
- CATIA Surface Design (5626-SUD)
- CATIA Visualization Studio (5626-VST)
- CATIA Knowledge Engineering (5626-CKE)
- CATIA Space Analysis (5626-SPA)
- CATIA Data Management — Run Time (5626-CDR)
- CATIA Solid Mock-up (5626-SOM)
- CATIA Realistic Rendering (5626-REN)
- CATIA DXF/DWG Interface (5626-DXF)
- CATIA Systems Pathways Definition Product (5626-SPD)

### Third-party complementary products

Dassault Systemes collaborates with certain third-party software developers who want to develop and market products that are complementary to CATIA/CADAM Solutions.

- Georgia Institute of Technology, developer of GTSTRUDL, a computer-aided engineering system for finite element analysis and structural design, has developed an interface between CATIA/CADAM Plant and GTSTRUDL.
- COADE Inc. (Houston, TX) has developed an interface between CATIA/CADAM Plant's Piping Design application and CAESAR-II Pipe Stress Analysis Software for the complete stress analysis of piping systems.

## Education support

Call the IBM PLM North American response line at 800-395-3339 for schedules and enrollments.

## Technical information

### Specified operating environment

#### 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 demonstration 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.

**AIX®:** Maximum storage requirements for types of deliveries:

Type	Maximum Size (Megabytes)
Code	1450
Demonstration	260

**HP-UX:** Maximum storage requirements for types of deliveries:

Type	Maximum Size (Megabytes)
Code	1300
Demonstration	260

**Sun Solaris:** Maximum storage requirements for types of deliveries:

Type	Maximum Size (Megabytes)
Code	1600
Demonstration	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 if 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 device 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>

## Software requirements

### Common software requirements

CATIA V4.2.5 runs on selected levels of:

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

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

Refer to the *Program Directory* or contact your IBM 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 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 (xIC.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 from 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) — Stand-alone product

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

**Performance considerations:** Performance and response time are influenced by several factors, including processor and operating system, amount of system memory, channel speeds, the number, type, and organization of terminals, and the size of the data being used. CATIA is designed for optimum benefit under all supported operating systems.

### Planning information

#### Customer responsibilities

##### Concurrent and nodelocked licensing

- Running in a multi-user environment with IBM License Use Management (LUM): LUM is available to CATIA users whose installations include multiple IBM, HP, or Sun workstation machines interconnected by a TCP/IP-supported Token-Ring or Ethernet LAN or for concurrent execution of CATIA programs on a single workstation.

CATIA for UNIX® workstations use LUM to control the number of licenses acquired for the program. Each CATIA license allows users, as identified by their user ID, to run simultaneously on a single machine and display up to five CATIA processes. A process invokes license checking when it calls a CATIA interactive function, a CATIA utility, or a CATGEO entry-point belonging to that product. For instance, with one license, the user can run:

- One interactive CATIA session in an AIX, HP-UX, or Solaris window
- Three batch utilities pertaining to the specified licensed program, from an AIX, HP, or Solaris window

- One user batch program based on the CATGEO API

Using LUM administration facilities, systems administrators can configure CATIA products for workstations to permit users to access CATIA programs on one of the several IBM, HP, or Sun workstations.

IBM LUM Runtime, V4.6.8 is required for AIX, HP-UX, and Solaris licensed servers and clients. IBM LUM Runtime code, V4.6.8 is delivered with CATIA. This level of LUM can also be downloaded for free from the IBM Software LUM Web site

<http://www.software.ibm.com/is/lum/>

- Running in a single user environment without LUM

In an installation without LUM, CATIA Solutions for Workstations licensed programs may be licensed to operate on a single workstation. In this mode of operation, the use of CATIA programs is restricted to the workstation for which it is registered during the installation process, and only one user can run the CATIA licensed product at a time; this user is limited to five processes running on the machine from the display. In any configuration, standalone or LAN, when more than one concurrent use of a CATIA licensed program is desired on a single workstation, LUM is required.

**Direct customer support:** Direct customer support is provided under a Product Lifecycle Management (PLM) enhanced support contract. This service for a fee enhances the customer's productivity by providing voice and electronic access to the PLM Support Center. For eligible products, the PLM help desk can answer questions pertaining to the installation, administration, use, and handling of suspected software defects.

For additional information about the enhanced support contract and other available PLM services offerings visit the PLM Technical Support Web site

<http://www.ibm.com/software/applications/plm/support/>

Click on the "ECSR enhanced support details" link or contact the PLM marketing representative or authorized IBM Business Partner for more information.

#### Packaging

The programs are available on the following distribution medium for each operating system shown:

Media/ Operating system	CD-ROM
AIX	X
HP	X
Sun	X
Windows	X

Windows NT, Windows 98, Windows 95, and SGI IRIX operating systems are no longer supported.

**CATIA V4.2.5: Orders for 5626-ACA will deliver 10 code CDs (LCD4-7886):**

- AIX
  - 2 CDs — CATIA Mechanical Design V4.2.5 for AIX
  - 1 CD — CATIA AEC V4.2.5 for AIX
- HP
  - 2 CDs — CATIA Mechanical Design V4.2.5 for HP-UX
  - 1 CD — CATIA AEC V4.2.5 for HP-UX
- Solaris

- 2 CDs — CATIA Mechanical Design V4.2.5 for Solaris
- 1 CD — CATIA AEC V4.2.5 for Solaris
- CATIA V2.4.5 Program Directory CD

**Online documentation**

**Note:** The contents of the online documentation has not changed from V4.2.4.

Two CDs (SK2T-5219)

- 1 CD — Mechanical Design V4.2.5
- 1 CD — AEC V4.2.5

LUM: 1 CD — LUM Run-time V4.6.8.3 (LCD4-7885)

**Informal documentation consists of:**

- CATIA V4.2.5 Licensed Program Specification (LPS) (GH52-0593)
- PLM Products Software Registration Memo (GIII-4404)
- PLM Products Current User’s Memo (GIII-4403)

**CATIA/CADAM Drafting for V4**

Orders for 5626-CCD will deliver 3 CDs (LCD4-0757):

- 1 CD — CADAM Drafting V4.2.5 for Windows
- 1 CD — CADAM Drafting V4.2.5 for AIX
- 1 CD — CADAM Drafting V4.2.5 for HP-UX

*National language versions (NLVs)*

Orders for NLVs will deliver:

- German 5 CDs (LCD4-7887)
  - 1 CD — CATIA V4.2.5 for AIX
  - 1 CD — CATIA V4.2.5 for HP-UX
  - 1 CD — CATIA V4.2.5 of Solaris
  - 1 CD — CATIA V4.2.5 German documentation
  - 1 CD — CATIA V4.2.5 German documentation PDF format
- Japanese 5 CDs (LCD4-7888)
  - 1 CD — CATIA V4.2.5 for AIX
  - 1 CD — CATIA V4.2.5 for HP-UX
  - 1 CD — CATIA V4.2.5 of Solaris
  - 1 CD — CATIA V4.2.5 Japanese documentation
  - 1 CD — CATIA V4.2.5 Japanese documentation PDF format
- French 5 CDs (LCD4-7889)
  - 1 CD — CATIA V4.2.5 for AIX
  - 1 CD — CATIA V4.2.5 for HP-UX
  - 1 CD — CATIA V4.2.5 of Solaris
  - 1 CD — CATIA V4.2.5 French documentation
  - 1 CD — CATIA V4.2.5 French documentation PDF format

**Security, auditability, and control**

The announced programs use the security and auditability features of the operating systems software. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

**Ordering information**

**Current licensees**

Current licensees will receive this update from IBM Software Delivery and Fulfillment (SDF) automatically.

Should you require further assistance, contact your country IBM representative.

Shipment of this release of CATIA V4 is scheduled to be completed by January 19, 2007.

**Current licensees**

Current licensees of CATIA V4 will receive this update from SDF automatically. This shipment of release 4.2.5, is scheduled to be completed by January 19, 2007.

**New licensees**

Orders for new licenses will be accepted now. For new licensees, shipment will begin on the planned availability date.

An order for CATIA V4 basic licensed programs consists of one or more licensed program orders (5626-XXX), and one System Program Order (SPO), 5626-ACA. The 5626-XXX orders are required for billing and asset registration. The 5628-ACA orders are required to ship machine-readable materials and publications.

CATIA V4 is available only on CD-ROM. Tape distribution has been discontinued.

**Basic license:** To order a basic license, specify the program number and feature number 9001 for asset registration. Specify the feature number of the desired distribution medium shown below.

To order a basic license for a 5626 program type, specify the program number (5626-XXX) and feature number 9001 for asset registration. Specify the feature numbers as shown below:

PLC feature number	Usage Level	Quantity	Maximum quantity allowed	ALC feature number	YLC feature number
0011			250		
	1	1	1	0006	0001
	2	2 -- 10	9	0007	0002
	3	11 -- 40	30	0008	0003
	4	41 -- 100	60	0009	0004
	5	101- +	150	0010	0005

PLC = Primary license charge  
 ALC = Annual license charge  
 YLC = Yearly license charge

**Note:** For quantities exceeding 250, contact your marketing representative for additional information.

Prior to executing a SYSLINK of the order to AAS, change the 5626-XXX order using the following feature numbers. Specify the feature numbers below with a quantity equal to the number of users:

Workstation platform	Feature number
AIX	5350
HP	5351
Microsoft Windows	5353
Sun	5354

First select the charge option, either PLC with the corresponding quantity-based ALC, or the quantity-based YLC.

**PLC/ALC licenses:** Specify feature numbers for the PLC. Then specify feature numbers for the ALC. The feature

number will depend on the usage level ordered for the license for a given customer number. The first license must be at usage level 1. The maximum number of licenses at a usage level must be ordered before ordering the next usage level. When licenses are discontinued, the licenses at the higher usage level must be discontinued first. For determining usage levels, ALC and YLC quantities cannot be combined.

**YLC licenses:** The YLC feature numbers specified will depend on the usage level ordered for the license for a given customer number. The first license must be at usage level 1. The maximum number of licenses at a usage level must be ordered before ordering the next usage level. When licenses are discontinued, the licenses at the higher usage level must be discontinued first. For determining usage levels, ALC and YLC quantities cannot be combined.

### SPO

**5628-ACA SPO for IBM, HP, Sun, or Windows:** These programs will be shipped under the 5628-ACA SPO. The SPO is required for all program shipments and future updates.

Initial orders placed for a program type 5626 without a corresponding order or MES for the SPO (5628-ACA) will either fail order validation, or will not generate a shipment of software or publications. The SPO is designated to the processor on which the program type 5626 is licensed. Each customer number and physical machine readable copy of the program must have its own SPO.

**Initial orders:** When ordering the first 5626-XXX program for a customer who does not already have CATIA Solutions V4 installed, an order must also be placed for the SPO, 5628-ACA. Both the 5626-XXX program order and the SPO must be for the same CPU system type/system number, and have the same scheduled shipment date.

**Subsequent licenses:** The SPO must have a feature number for every CATIA Solutions program that is installed or on-order, therefore, when a program that was not previously installed is ordered, the SPO must be updated.

**To update an on-order system:** When a license for a new 5626 program is ordered for an on-order system, the 5628-ACA must be updated to reflect the feature number of the licensed program desired. Also, for asset registration and billing purposes an order for the individual licensed program type 5626 is required.

**To update an installed system:** When a license for a new 5626 program is ordered for an installed system, the 5628-ACA must be updated to reflect the feature number of the licensed program desired.

For information on the shipment of publications as a result of orders or updates to orders, refer to the **Unlicensed documentation** section of this announcement.

#### 5628-ACA feature numbers

For feature numbers for previously announced programs, refer to the following announcements:

- Software Announcement 296-065, dated March 5, 1996
- Software Announcement 296-407, dated October 22, 1996

- Software Announcement 297-199, dated June 10, 1997
- Software Announcement 297-473, dated November 11, 1997
- Software Announcement 298-245, dated July 7, 1998
- Software Announcement 298-241, dated July 7, 1998
- Software Announcement 299-062, dated March 9, 1999
- Software Announcement 299-063, dated March 9, 1999
- Software Announcement 299-310, dated October 12, 1999
- Software Announcement 200-161, dated June 6, 2000
- Software Announcement 200-160, dated June 6, 2000
- Software Announcement 201-039, dated February 20, 2001

#### Examples of ordering

**Example 1:** A customer wishing to order, on CD-ROM, quantity-based CATIA V4 Manufacturing Infrastructure product (5626-NCB) with 12 users on an AIX would order the following:

#### CATIA Manufacturing Infrastructure (5626-NCB)

9001	Asset Registration	
5350	AIX Registration/Quantity	12
0011	PLC/Quantity	12
0006	ALC/Quantity	1
0007	ALC/Quantity	9
0008	ALC/Quantity	2

**Note:** Configurator will automatically include the SPO 5628-ACA, feature code 3410 (for AIX CD-ROM) with a quantity of one.

**Example 2:** The same customer wishes to add 30 users on the Sun platform. Order an MES to add features and change quantities of installed features.

5354	Sun Registration/Add Quantity	30
0011	PLC/Add Quantity	30
0008	ALC/Add Quantity	28
0009	ALC/Add Quantity	2

The customer now has 42 PLC and 42 ALC on IBM AIX and SUN platforms.

**Note:** Configurator will automatically include the SPO 5628-ACA, feature number 3420 (for Solaris CD-ROM) with a quantity of one.

To receive the maximum ALC discount, all occurrences of a given machine type/model number should be ordered on the same CPU serial number.

The feature numbers for the previously announced V4 products are unaffected by this announcement.

#### Withdrawn products

The following products are withdrawn effective 02/26/07:

CATIA -- Cloud to Geometry	5626-CGO
CATIA -- ANSYS Interface	5626-ANS
CATIA -- Ship Steelwork Design	5626-SHB
CATIA -- Ship Steelwork Production	5626-SHP
CATIA -- Distributed Services	5626-CDS
CATIA -- CDM-PM Integration	5626-CDP
CATIA -- 4D Navigator	5626-N4D
CATIA -- Conferencing Groupware	5626-CGW
CATIA -- AEC Virtual Product Management	5626-AVM
CATIA -- AEC Conveyor Design	5626-ACD

There are no replacement products available in CATIA V4.2.5.

The withdrawn products are not available on CATIA V4.2.5 media.

**Withdrawn products impact the following configurations:**

CATIA -- Styling & Rendering Configuration containing: CATIA -- Cloud to Geometry Product in CATIA Shape Design & Styling Solutions	5626-STY 5626-CGO
CATIA -- Digital Manufacturing Plant Configuration containing: CATIA -- AEC Conveyor Design Product CATIA -- 4D Navigator Product in CATIA Plant Design & Shipbuilding Solutions	5626-PMD 5626-ACD 5626-N4D
CATIA -- Virtual Product Management Add-on Configuration containing: CATIA -- AEC Virtual Product Management Product in AEC Add-On Configurations	5626-PVM 5626-AVM
CATIA -- Conveyor Design Configuration containing: CATIA -- AEC Conveyor Design Product in AEC Add-On Configurations	5626-PCD 5626-ACD

**Basic machine-readable material:** When ordering the 5628-ACA SPO for IBM, HP, Sun or Windows workstations, specify the appropriate media feature number. These programs will be shipped under the 5628-ACA SPO. 5628-ACA is required for all program shipments and future updates.

Workstation Platform (Oper. Sys)	Media feature number	Distribution medium
IBM (AIX)	3410	CD-ROM
Hewlett-Packard (HP-UX)	3417	CD-ROM
Sun (Solaris)	3420	CD-ROM
Windows (Microsoft Windows)	3432	CD-ROM

**Customization options**

**5628-ACA program feature numbers:** The following no-charge program feature numbers are used with the 5628-ACA system program order to show which products are installed. This information is used for shipment of media.

Product 28-character name	Program feature number
5626-COM CATIA V4.2.5 Media	1535
5626-CCD CATIA CADAM Drftng	1621

Select the appropriate feature numbers to customize your order to specify the delivery options desired. These features can be specified on the initial or MES orders.

For example, if publications are not desired for the initial order, specify feature number 3470 to ship media only. For future updates, specify feature number 3480 to ship media updates only. If, in the future, publication updates are required, order an MES to remove feature number 3480; then the publications will ship with the next release of the program.

Description	Feature number
<b>Initial shipments</b>	
Ship media only (suppresses initial shipment of documentation)	3470
Ship documentation only (suppresses initial shipment of media)	3471
<b>Update shipments</b>	
Ship media updates only (suppresses update shipment of documentation)	3480
Ship documentation only (suppresses update shipment of media)	3481
Suppress updates (suppresses update shipment of media and documentation)	3482
<b>Expedite shipments</b>	
Local IBM office expedite (for IBM use only)	3445
Customer expedite process charge (\$30 charge for each product)	3446

Expedite shipments will be processed to receive 72-hour delivery from the time SDF receives the order. SDF will then ship the order via overnight air transportation.

**Unlicensed documentation:** For CATIA V4, one English softcopy publication CD-ROM is automatically included in all shipments with 5628-ACA feature number 1535. National Language Versions (NLVs) in French, German, and Japanese are included in the NLVs of CATIA V4.2.5 and are available at no charge. To order, specify the language using the feature numbers below. Only one additional copy of a kit can be ordered per license.

**Publication ordering information**

Use the following feature numbers when ordering an NLV of 5628-ACA:

Title	Order number	Feature number
French NLV for AIX	LCD4-7889	6200
French NLV for HP	LCD4-7889	6201
French NLV for Solaris	LCD4-7889	6203
German NLV for AIX	LCD4-7887	6204
German NLV for HP	LCD4-7887	6205
German NLV for Solaris	LCD4-7887	6207
Japanese NLV for AIX	LCD4-7888	5809
Japanese NLV for HP	LCD4-7888	5819
Japanese NLV for Solaris	LCD4-7888	5839
Additional copies English Softcopy Collection Kit	SK2T-5219	7001

CATIA Solutions V4 provides online publications in English in Frame format via a Softcopy Collection Kit CD-ROM (SK2T-5219). The Frame version of the softcopy reference publications includes the unlicensed manuals and is considered part of the basic machine-readable material.

When working in an interactive Motif CATIA session, the softcopy publications can be accessed using V5.5 or a later version of FrameViewer. FrameViewer for UNIX workstations (AIX, HP\_UX, or Solaris) is delivered on the Softcopy Collection Kit CD-ROM.

Outside an interactive CATIA session, the softcopy publications can be accessed using any of the FrameViewer-supported operating environments (UNIX or Windows).

Subsequent updates (technical newsletters or revisions between releases) to the publications shipped with the product will be distributed to the user of record for as long as a license for this software remains in effect. A separate publication order or subscription is not needed.

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## Terms and conditions

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The terms for CATIA V4.2.4, as previously announced Software announcement 201-039, dated February 20, 2001, licensed under the IBM Customer Agreement (ICA) are unaffected by this announcement.

**Program currency:** Program Services offer a method of reporting code-related problems for CATIA V4.2.5 licensed software products. Program Services are available electronically using the problem submission process at the PLM Technical Support Web site at:

<http://www.ibm.com/software/applications/plm/support/>

**Note:** In order to use this facility, you must use an IBM ID, which has associated to it the licensed IBM customer number under which the product was purchased. If you have not yet obtained an IBM ID, visit

<http://www.ibm.com/account/profile/>

If you have not yet associated the licensed IBM customer number to your IBM ID, you will be prompted to do so when accessing the problem submission facility.

When using Program Services, the problem report is submitted via the PLM Technical Support Web site; all subsequent communications will be via e-mail. The response time for these problem reports, regardless of the severity, will be within two business days. All communications must be in English.

Not all options of the PLM technical support e-services are available in all countries.

Program Services for CATIA V4.2.5 also includes problem submission via telephone through the IBM Support Center at 800-IBM-SERV.

During the Program Services period, Corrective Service for CATIA V4.2.5 will be delivered through Service Packs. A service pack includes corrections for Blocking Problems in production systems reported on this release and all corrections available for all components at the time it is built. Service Packs are provided at the same time for all platforms currently supported. Service Packs are a cumulative collection of fixes; each Service Pack supersedes the previous one and may be installed on top of the released level or on top of a previous Service Pack. (Beginning with this release, Corrective Service will be delivered via Service Packs, consistent with the V5 service delivery process.)

Customers may request a correction via a Service Pack for Blocking Problems. A Blocking Problem is defined as:

- A problem that stops production: The customer is currently using the level for which a fix is requested in a production environment.
- A problem that prevents migration: The customer must provide the migration plan.

- A problem that halts testing of a given level: A fix will allow customer to continue the testing.
- Installation problem: A problem that prevents the customer from installing or using the product.
- Regression: Problems reported as regressions may be due to an operation that was being performed erroneously or created incorrect data with a previous release and the current release no longer permits these operations. Therefore, each problem reported as a regression must be evaluated. True regressions will be handled as Severity 1 problems.

**Note:** Customers experiencing problems with IBM License Use Management (LUM) products when used with CATIA products may report these problems through PLM product support. Note this only applies when the LUM product is being used in conjunction with a CATIA product and the CATIA product is within its support period.

Program Services will be provided for all levels of CATIA V4.2.4 until December 31, 2007.

Program Services will be provided for CATIA V4.2.5 until December 31, 2009.

For a list of all currently supported releases of CATIA, ENOVIA VPLM and ENOVIA SmarTeam products visit

<http://www.ibm.com/software/applications/plm/support/>

At the bottom of the page, select "End of support dates" under Plan — Product life cycle.

**IBM operational support services — SupportLine:** No

**Other support:** PLM Support Centers

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## Prices

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### License charges

The product upgrade charge applies to orders for a replacement product when it replaces a predecessor product that was obtained for a PLC/recurring charge. The predecessor product is discontinued upon installation of the new version. For purposes of data model migration and validation, a customer may continue to use the predecessor product for up to three months without IBM approval, but may not use both the new version product and the predecessor product simultaneously for productive purposes at any time.

If both licenses are used simultaneously the customer will be subject to the full PLC and recurring charges that apply to the replacement program, as well as the recurring charges applicable to the predecessor program. The three-month parallel usage of the replacement and predecessor product may be extended to more than three months on an individual basis with prior IBM approval.

**Entry support license OTC:** An OTC authorizes use only on IBM Entry End User/390 machines.

**Use level charge:** Charges for this program are based on usage levels. When a customer upgrades to a higher level of usage, a usage upgrade charge will apply, equal to the difference between the charge for the current level of usage and the higher level of usage.

For additional product information, refer to Software Announcement 201-039, dated February 20, 2001.

## **IBM Global Financing**

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**<http://www.ibm.com/financing>**

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