

Business Process Accelerators BPA Delivery 7 for V5R19

Business Process Accelerators (BPA) Delivery 7 for V5.19 extends the BPA portfolio with four new BPAs, increasing business process coverage and interoperability. The overall focus of BPAs is on rapid implementation and return on investment, often in a matter of weeks. This new release also benefits from ongoing refinements and enhancements, incorporating feedback from user experiences.

BPAs provide the following benefits:

- Achieves faster return on investment, predictable success, reduced risk, and increased business flexibility
- Saves time and reduces costs to get implementations on a safe and fast track while achieving the predicted result
- Reduces the need for internally authored applications, reducing cost and freeing resources for innovative deployment
- Accelerates the implementation of business process improvement initiatives
- Includes fully supported software benefits from continuous enrichment and release updates

There are no additional requirements beyond those for CATIA - Object Manager (COM) / Level CATIA V5.19. COM is included in any CATIA Configuration.

Virtual Die Tryout (DI9)

There are no additional requirements beyond those for CATIA V5.19 and DELMIA V5.19.

Kinematics Merging Tools (CH9)

There are no additional requirements beyond the CATIA V5.19 hardware requirements and prerequisites.

CATIA V5 Automotive Extensions / Vehicle Architecture BPAs

- CATIA V5 Automotive Extensions / Vehicle Architecture - Safety (CA9)
- CATIA V5 Automotive Extensions / Vehicle Architecture - Manikin (CM9)
- CATIA V5 Automotive Extensions / Vehicle Architecture - Overall Vehicle Architecture (CO9)
- CATIA V5 Automotive Extensions / Vehicle Architecture - Vision (CV9)
- CATIA V5 Automotive Extensions / Vehicle Architecture - Wiper (CW9)

There are no additional requirements beyond the CATIA V5.19 hardware requirements and prerequisites.

Collaborative Systems Lifecycle Management & Traceability (CS9)

There are no additional requirements beyond the ENOVIA SmarTeam V5.19 hardware requirements and prerequisites.

Composite Document Generation (CD9)

There are no additional requirements beyond the ENOVIA SmarTeam V5.19 hardware requirements and prerequisites.

SmartDX Client (CX9)

There are no additional requirements beyond the ENOVIA SmarTeam V5.19 hardware requirements and prerequisites.

Flexible PCB (FP9)

There are no additional requirements beyond the CATIA V5.19 hardware requirements and prerequisites.

Power Feature (PF9)

Hardware Requirements

Common Hardware Requirements

Hardware Requirements for BPA Delivery 7 for V5.19

The latest hardware and software requirements may be found in product documentation (such as installation guides, administrator's guides, program directory, or user guides) on the product media.

Animation Exporter (AE9)

There are no additional requirements beyond those for 3DVIA Virtools 4.0, and DELMIA V5.19.

Animation Importer (AI9)

There are no additional requirements beyond those for 3DVIA Virtools 4.0, CATIA V5.19 and/or DELMIA V5.19.

Advanced Product Quality Planning (AQ9)

There are no additional requirements beyond those for ENOVIA SmarTeam V5.19.

3D Tribon Importer (CT9)

There are no additional requirements beyond the CATIA V5.19 hardware requirements and prerequisites.

Product Structure Synchronization for VPM V4 (PS9)

Hardware on server and client side is identical for Dassault Systemes standard products, as specified in the ENOVIA VPM V4 V1.6 PTF14, CATIA V5.19, and ENOVIA 3d com V5.19 Program Directories.

Requirements Management (RM9)

There are no additional requirements beyond the ENOVIA SmarTeam V5.19 hardware requirements and prerequisites.

Requirements XML Edition (RX9)

There are no additional requirements beyond the ENOVIA SmarTeam V5.19 hardware requirements and prerequisites.

ENOVIA SmarTeam / SAP Adaptor (SS9)

There are no additional requirements beyond the ENOVIA SmarTeam V5.19 hardware requirements and prerequisites.

SmartProject (SP9)

There are no additional requirements beyond the ENOVIA SmarTeam V5.19 hardware requirements and prerequisites.

Progressive Die Strip Layout Design (SL9)

There are no additional requirements beyond the CATIA V5.19 hardware requirements and prerequisites.

Dysfunctional Analysis & Simulation (SD9)

- Minimal configuration
 - Pentium® IV 1.4 GHz (or equivalent)
 - Hard disk: 50 MB available
 - RAM: 512 MB
 - Screen resolution: 1024 X 768 pixels, 65536 colors
 - System - Microsoft® Windows XP® SP1+
- Recommended configuration
 - Pentium IV 3 GHz (or equivalent)
 - Hard disk: 1 GB available
 - RAM: 1 GB
 - Screen resolution : 1280 X 1024 pixels, 65536 colors
 - System - Microsoft Windows XP SP1+

SmartDX (SX9)

There are no additional requirements beyond the ENOVIA SmarTeam V5.19 hardware prerequisites and CATIA V5.19 hardware prerequisites.

3DSmartDocCreator Client (TC9)

3DSmartDocCreator has no specific hardware requirements. Because the installation of ENOVIA SmarTeam and/or 3DVIA Composer/Sync is needed please refer to the appropriate requirement description.

3DSmartDocCreator Server (TS9)

3DSmartDocCreator has no specific hardware requirements. Because the installation of ENOVIA SmarTeam and/or 3DVIA Composer/Sync is needed please refer to the appropriate requirement description.

Weight&Balance for ENOVIA V5 (WC9)

A functional CATIA V5.19 and ENOVIA VPLM V5.19 installation on the server side with access to a vault is required to fully take advantage of the Weight&Balance BPA.

CATIA Data Security (DS9)

There are no additional requirements beyond those for CATIA - Object Manager Level (CATIA V5.19) or DELMIA V5.19.

Aralia Fault Tree Analyzer (FT9)

- Minimal configuration
 - Pentium IV 1.4 GHz (or equivalent)
 - Hard disk: 50 MB available
 - RAM: 512 MB
 - Screen resolution: 1024 X 768 pixels, 65536 colors
 - System - Microsoft Windows XP SP2
- Recommended configuration
 - Pentium IV 3 GHz (or equivalent)
 - Hard disk: 1 GB available
 - RAM: 1 GB
 - Screen resolution : 1280 X 1024 pixels, 65536 colors
 - System - Microsoft Windows XP SP2

License Management

All BPAs except CATIA Data Security (DS9) implement LUM licensing mechanism (v4.6.8). The CATIA Data Security (DS9) BPA, while not LUM licensed-managed, requires a special encryption key for proper use. This key must be requested from the Dassault Systemes Key Center.

For All BPAs, except CATIA Data Security (DS9), the following licensing principles apply:

- Each BPA will require a license. Licenses for BPA are acquired and released for the total product.
- License keys for BPA configurations are acquired and released for the total configuration. A configuration license key provides access to all of the products included in the configuration.
- BPA products will require a license, in addition to one for the prerequisite configuration and any prerequisite product, if applicable.

In all cases, licenses are acquired at the beginning of the process and are released at its termination.

Two license types are implemented:

- Nodelocked Licenses: A nodelocked license allows the use of a BPA on the particular machine for which the license was created for as long as the license remains valid.
- Concurrent Licenses: A concurrent license is a network license that can be temporarily granted to run the licensed BPA on a client. When the BPA is running, that license remains unavailable to other users of the product. When the product stops running the license is returned to the server, where it becomes available to other users. Concurrent licenses allow as many users to run a licensed BPA

simultaneously as there are valid licenses for the BPA available from the network license servers in your licensing environment.

Programming Requirements

Common Software Requirements

In general, BPAs are built on top of one or several PLM Solutions (CATIA, ENOVIA, DELMIA, 3DVIA V6, and 3DVIA Virtools), and therefore require a license for a configuration that includes at least the prerequisite products. Only two BPA products, Dysfunctional Analysis and Simulation (SD9) and the Aralia Fault Tree Analyzer (FT9) BPAs are stand-alone applications. As stand-alone products, they do not have any prerequisites on CATIA, ENOVIA, DELMIA, 3DVIA V6, or 3DVIA Virtools.

A BPA configuration is defined as a bundling of BPA products, some or all of which may be available on an individual basis. When BPA products are purchased in a configuration, those BPA products can be used only by a single user at a given time.

PLM Product Software Requirements

PLM Products	BPA Delivery 7 for V5.19
CATIA V4	-
CATIA V5	V5.19
ENOVIA SmarTeam	V5.19
ENOVIA VPM	V1.6 PTF14
ENOVIA VPLM	V5.19
DELMIA	V5.19
3DVIA	V6R2009x or higher
3DVIA Virtools	V4.0

BPA Software Prerequisites

	CATIA V5	ENOVIA SmarTeam	ENOVIA VPM	ENOVIA VPLM	3DVIA Virtools	DELMIA	Stand Alone
CM9	X						
CO9	X						
CA9	X						
CV9	X						
CW9	X						
PF9	X						
PS9	X		X				
SL9	X						
CS9		X					
CD9		X					
RM9		X					
RX9		X					
FP9	X						
SP9		X					
SD9							X
SS9		X					
SX9	X	X					
CX9		X					
WC9	X			X			

	CATIA V5	ENOVIA SmarTeam	ENOVIA VPM	ENOVIA VPLM	3DVIA Virtools	DELMIA	Stand Alone
DC9	X					X	
CH9	X						
CT9	X						
DI9						X	
FT9							X
AI9	X				X	X	
AE9					X	X	
AQ9		X					
TC9		X			X		
TS9		X			X		

Minimum Software Requirements for BPA Delivery 7 for V5.19

The latest hardware and software requirements may be found in product documentation (such as installation guides, administrator's guides or user guides) on the product media.

Advanced Product Quality Planning (AQ9)

- Operating system - Microsoft Windows Server 2003® SP2
- Software requirements - Prerequisites:
 - ENOVIA SmarTeam - Editor and Web Editor V5.19
 - ENOVIA SmarTeam - Foundation (FDN) V5.19
 - Microsoft Excel (for reporting)
 - SmartProject BPA (SP9) V5.19
 - ENOVIA SmarTeam - Workflow (WFL) (Optional)

Animation Exporter (AE9)

- Operating system - Microsoft Windows XP Professional SP2
- Software requirements - Prerequisites:
 - 3DVIA Virtools 4.0
 - DELMIA V5.19 (DELMIA basic license + DELMIA - Human Builder 2 (MHB) + DELMIA - Human Task Simulation 2 (MHT))
 - Animation Importer (AI9) BPA

The object of this BPA is to import Virtools animated characters into DELMIA.

3DSmartDocCreator Client (TC9)

- Operating system

3DSmartCreator requires the use of one of the following operating systems (on client side as well as on server side).

 - Microsoft Windows XP Professional SP2
 - **or**
 - Microsoft VISTA
- Software requirements
 - ENOVIA SmarTeam - Editor (EDR) V5.16/V5.17/V5.18/V5.19 on client and server side
 - 3DVIA Composer installation with a release of V6R2009x or higher (R2010 recommended)
 - 3DSmartDocCreator Server side requires the installation of Microsoft Net Framework 2.0

There is no demanded service pack for ENOVIA SmarTeam.

For additional details on the appropriate software required by 3DSmartDocCreator, refer to the installation guide and/or to the hardware and software requirements provided by the software vendors.

- DMU Space Analysis 2 (SPA)

3DSmartDocCreator Server (TS9)

- Operating system

3DSmartCreator Server requires the use of one of the following operating systems (on client side as well as on server side).

- Microsoft Windows XP Professional SP2
- **or**
- Microsoft Server System similar to Windows 2003 Server R2
- Software requirements
 - ENOVIA SmarTeam - Editor (EDR) V5.16/V5.17/V5.18/V5.19 on client and server side
 - 3DVIA Sync and 3DVIA Sync Integration installation with a release of V6R2009x or higher
 - 3DSmartDocCreator Server side requires the installation of Microsoft Net Framework 2.0

There is no demanded service pack for ENOVIA SmarTeam.

For additional details on the appropriate software required by 3DSmartDocCreator, refer to the installation guide and/or to the hardware and software requirements provided by the software vendors.

Animation Importer (AI9)

- Operating system - Microsoft Windows XP Professional SP2
- Software requirements - Prerequisites
 - 3DVIA Virtools 4.0
 - CATIA V5.19 or DELMIA V5.19

The object of this BPA is to import any CATIA/DELMIA animation into 3DVIA.

- If the user uses CATIA for computer aided design (CAD) and wants to import the CATIA model into 3DVIA, the prerequisites are CATIA + 3DVIA.
- If the user uses DELMIA for computer aided manufacturing (CAM) and wants to import the DELMIA model into 3DVIA, the prerequisites are DELMIA + 3DVIA.
- If the user uses CATIA and DELMIA and wants to import both kinds of data into 3DVIA, the prerequisites are CATIA + DELMIA + 3DVIA.

3D Tribon Importer (CT9)

- Operating system - Microsoft Windows XP Professional SP2
- Software requirements - CATIA V5.19 - MD2 or any configuration including it

Virtual Die Tryout (DI9)

- Operating system - Microsoft Windows XP Professional SP2 minimum
- Software requirements
 - Prerequisites - For DELMIA V5.19 product, DELMIA - Device Building 2 (DBG)
 - Prerequisites - CATIA V5.19 products
 - DMU Kinematics Simulator 2 (KIN)
 - CATIA - Structure Design 1 (SR1)

Kinematics Merging Tools (CH9)

- Operating system
 - Microsoft Windows XP Professional 32 bit - SP2 Minimum
 - Microsoft Windows XP Professional 64 bit - SP2 Minimum
- Software requirements - For CATIA V5.19 products
 - DMU Kinematics Simulator 2 (KIN)
 - CATIA - Product Knowledge Template 1 (KT1)
 - CATIA - PPR PDM Gateway 1 (PX1)

CATIA V5 Automotive Extensions / Vehicle Architecture BPAs

- CATIA V5 Automotive Extensions / Vehicle Architecture - Safety (CA9)
- CATIA V5 Automotive Extensions / Vehicle Architecture - Manikin (CM9)
- CATIA V5 Automotive Extensions / Vehicle Architecture - Overall Vehicle Architecture (CO9)
- CATIA V5 Automotive Extensions / Vehicle Architecture - Vision (CV9)
- CATIA V5 Automotive Extensions / Vehicle Architecture - Wiper (CW9)

- Operating systems
 - Windows XP Professional SP2 (32-bit)
 - Windows XP Professional x64 Edition
 - Windows Vista® x86
 - Windows Vista x64
 - AIX® 5.3 TL5-SP3 (using 64-bit kernel)
 - HP-UX 11i v1 (11.11)
 - Solaris 10 03/05

Note: Requirements are according to minimum level for CATIA V5.19 as defined in the *Program Directory*.

- Software requirements - CATIA V5.19 MD2 or HD2 license

Note: Minimal required version: CATIA V5.19.

Collaborative Systems Lifecycle Management & Traceability (CS9)

- Operating system - Microsoft Windows XP Professional SP2
- Software requirements
 - Microsoft Office 2007
 - ENOVIA SmarTeam V5.19 - ENOVIA SmarTeam Engineering configuration (SEG)

Note: Collaborative Systems Lifecycle Management & Traceability (CS9) must be installed for Collaborative Systems Engineering Configuration (CE9) and Collaborative Systems Engineering Premium Configuration (CP9).

Composite Document Generation (CD9)

- Operating system - Microsoft Windows XP Professional SP2
- Software requirements - Microsoft Office 2007 SP1

Prerequisites - ENOVIA SmarTeam V5.19 products, ENOVIA SmarTeam Engineering configuration (SEG)

Note: Composite Document Generation BPA (CD9) must be installed for Collaborative Systems Engineering Configuration (CE9) and Collaborative Systems Engineering Premium Configuration (CP9).

SmartDX Client (CX9)

- Operating system - Microsoft Windows XP Professional SP2
- Software requirements

Prerequisites - SmartDX Client requires the installation of:

- ENOVIA SmarTeam Editor (EDR) - Level ENOVIA SmarTeam V5.19
- SmartDX (SX9) BPA

Note: For more details regarding the appropriate software required by SmartDX Client (CX9), refer to the *installation guide* or the hardware and software requirements provided by the software vendors.

Flexible PCB (FP9)

- Operating system
 - Microsoft Windows XP Professional SP2
 - Microsoft Windows XP Professional x64 Edition SP2
- Software Requirements

Prerequisites - The following CATIA V5.19 products or CATIA V5.19 PLM Express - Flexible PCB Design Option Pack:

- CATIA - Sheetmetal Design (SMD)
- CATIA - Circuit Board Design (CBD)

Power Feature (PF9)

Operating System

- BPA Power Feature is delivered on following 32-bit platform:
 - Microsoft Windows XP Professional SP2
 - AIX 5.3
 - Solaris 5.10
 - HP-UX 11i v1 (11.11)
- BPA Power Feature is delivered on following 64-bit platform - Microsoft Windows XP Professional x64 Edition SP2.

Software Requirements

Prerequisites

- CATIA V5.19
- Licensing prerequisites - BPA Power Feature (PF9) can be used by three different end-user profiles:
 - Design users: Power Feature instantiation and edition (Power Feature CAD command)
 - NC Manufacturing users: MAF and Mfg pattern generation; Individual operation creation; Mfg Process Instantiation (Power Feature commands)
 - Design expert/administrators: Power Feature data definition (Standard CATIA commands)

Prerequisite per profile

- **Design**

- CATIA - Knowledge Expert 1 (KE1)
- CATIA - Product Knowledge Template 1 (KT1)
- CATIA - Part Design 1 (PD1)

- **Manufacturing**

- CATIA - Wireframe & Surface 1 (WS1)
- CATIA - NC Manufacturing Review 2 (NCG)
- One of the following products
 - CATIA - Prismatic machining Assistant (MPA)
 - CATIA - Prismatic Machining Preparation Assistant 2 (MMA)
- One of the following products
 - CATIA - Prismatic Machining 2 Product (PMG)
 - CATIA - Prismatic Machining 2 Product (MPM)
 - CATIA - Advanced Machining 2 Product (AMG)

- **Export/Administrator**

- CATIA - Product Knowledge Template Definition 2 (PKT)
- CATIA - Knowledge Expert (P2) (KWE)
- CATIA - Knowledge Advisor (KWA)

Product Structure Synchronization for VPM V4 (PS9)

Software Requirements

- Prerequisites

- VPM V4 1.6 PTF14 (Product Engineer: login, BOM, CATIAV5)
- CATIA V5.19 (CATIA Assembly Design 2 (ASD))
- ENOVIA 3d com V5.19 (PNR, VPL)

- UNIX®

- AIX 5.3 TL04-SP1
- Solaris 10 03/05 (SPARC)
- HP-UX 11i v1 (11.11)

- Windows® clients (ENOVIA 3d com V5.19)

- Microsoft Windows XP Professional SP2
- RAM 1 MB on 32-bit and RAM 2 MB on 64-bit
- 32- and 64-bit

- DB2® V8.2.5, with level as specified in the ENOVIA VPMV4 V1.6 PTF 14 Program Directories

- LUM 4.6.8

- Installation

- On CATIA V5 side, it is like any other CAA V5 application.
- On VPM, PS9 code must be compiled and linked in customer VPM environment (user exit).

Requirements Management (RM9)

- Operating system - Microsoft Windows XP Professional SP2

- Software requirements

- Microsoft Office 2007 SP1
- ENOVIA SmarTeam V5.19 - ENOVIA SmarTeam Engineering configuration (SEG)
- Html2xhtml DLL (provided with InfoPath 2007 Software Development Kit)

Note: Requirements Management (RM9) must be installed for Collaborative Systems Engineering Configuration (CE9) and Collaborative Systems Engineering Premium Configuration (CP9).

Requirements XML Edition (RX9)

- Operating system - Microsoft Windows XP Professional SP2
- Software requirements
 - Microsoft Office 2007 SP1
 - ENOVIA SmarTeam V5.19 - ENOVIA SmarTeam Engineering Configuration (SEG)
 - Html2xhtml dll (provided with InfoPath 2007 Software Development Kit)

Note: Requirements XML Edition (RX9) must be installed for Collaborative Systems Engineering Premium Configuration (CP9).

ENOVIA SmarTeam/ SAP Adaptor (SS9)

- Operating system - Microsoft Windows XP Professional SP2
- Software requirements
 - ENOVIA SmarTeam - Editor Configuration (SED) / Level: V5.18 SP2, V5.19
 - SAP R/3 from 3.11 to 4.7, ECC 5.0 (ERP 2004), ECC 6.0 (ERP 2005)

SmartProject (SP9)

- Operating system - Microsoft Windows Server 2003 SP2
- Software requirements
 - ENOVIA SmarTeam WEB Editor V5.19
 - Microsoft Excel 2003 (for reports and import/export of WBS)
 - Microsoft Project 2003 (optional for import/export)
 - PLM Database (if running with Demo database)

Progressive Die Strip Layout Design (SL9)

- Operating system - Microsoft Windows XP SP2 (same configurations as for MD2 CATIA V5 package)
- Software requirements - recommended configuration is CATIA V5.19 or CATIA Mechanical Design 2 Configuration (MD2) + CATIA Knowledge Template (KT1) + CATIA SheetMetal Design 2 (SMD) + CATIA Part Design Feature Recognition (FR1).
- CATIA V5.19
 - CATIA V5 Express Core Configuration (CAT) Module
 - CATIA Assembly Design (AS1)
 - CATIA Object Manager 2 (COM)
 - CATIA CADAM Interface (CC1)
 - CATIA Part Design (PD1)
 - CATIA Generative Drafting 2 (GDR)
 - CATIA V4 Integration 2 (V4I)
 - CATIA Wireframe & Surface (WS1)
 - IGES Interface (IG1)
 - CATIA Interactive Drafting (ID1)
 - Real Time Rendering (RT1)
 - CATIA Knowledge Expert (KE1)
 - CATIA Knowledge Template (KT1)
 - CATIA Step Core Interface (ST1)
 - ENOVIA SmarTeam (TDM)
 - CATIA Instant Collaborative Design (CD1)
 - Fabricated Product Creation (FPE) Module
 - CATIA Weld Design (WD1)
 - CATIA SheetMetal Design 2 (SMD)
 - CATIA Part Design Feature Recognition (FR1)
 - CATIA Tooling Design (TG1)

or

- CATIA Mechanical Design 2 Configuration (MD2)
- CATIA Knowledge Template (KT1)
- CATIA SheetMetal Design 2 (SMD)
- CATIA Part Design Feature Recognition (FR1)

Dysfunctional Analysis & Simulation (SD9)

Requires JDK 1.6

If using an Oracle database instance, the Oracle JDBC Drivers package must be installed on client workstations with Oracle Universal Installer. More details about the drivers are available in the *Oracle9i Client Installation Guide* (Release 2 (9.2.0.1.0) for Windows) - *Appendix A - Individual Components Available for Installation*.

Minimum system requirement

- Operating system - Microsoft Windows XP Professional SP1+
- CPU: Intel® Pentium IV 1.4 Ghz or equivalent
- RAM: 512 MB
- Hard disk space: 50 MB free space
- Screen resolution: 1024 x 768 pixels, 65536 colors

Recommended system configuration

- Operating system: Windows XP SP1+, Windows 2000 SP3+
- CPU: Intel Pentium IV 3 Ghz or equivalent
- RAM: 1 GB
- Hard disk space: 1 GB free space
- Screen resolution: 1280 x 1024 pixels, 65536 colors

SmartDX (SX9)

SmartDX provides several APIs that can be used to embed additional custom-specific functionalities. These APIs are:

- Client side - AddValues - Library that enables the intercommunication with the user during the SmartDX Client Wizard
- Server side
 - BeforeCADBatch - Library that enables the customization prior to the CATIA batch process
 - CATIARename - Library to create a complex renaming rule to rename the CATIA documents
 - CustomSendMode - Library to create a custom specific transfer mode (example, transfer via ftp, upload to portal). Used if option 4 has been selected in the SmartDX wizard: customized transfer
 - FinishDX - Library that enables the customization/clean up at the end of the data exchange process
 - OdetteSendMode - Library to create a transfer mode using the Odette protocol. Used if option 3 has been selected in the SmartDX wizard: Odette transfer.
 - SendMail - Library to create an Email transfer mode using the SMTP server. Used if option 1 or 2 has been selected in the SmartDX wizard: mail transfer.
 - StructureFile - Library to provide the capability to generate a different structure file format than the xml based structure file (such as ENGDAT V3 or STEP AP214 cc6).

- ZipFile - Library to provide the capability to compress the exchange data using Gzip, tar, winzip, and the like. A compress method is provided using pkzip. Use this for testing purpose. The executable is not part of the deliverables, User can download the shareware on the pkzip homepage.
- AfterDataExProcess - Library that enables the customization/clean up at the end of the data exchange process

- Operating system (available on client as well as server) - Microsoft Windows XP Professional SP2
- Software requirements
 - CATIA V5.19
 - ENOVIA SmarTeam Editor (EDR) - Level: V5.19
 - ENOVIA SmarTeam - CATIA Team PDM (TDM) - Level: V5.19
 - SmartDX Server - Microsoft Net Framework 2.0

For additional details on the appropriate software required by SmartDX, refer to the installation guides and/or to the hardware and software requirements provided by software vendors.

Weight&Balance for ENOVIA V5 (WC9)

Operating system - Microsoft Windows XP Professional SP2

Software Requirements

- ENOVIA V5.19
- CATIA V5.19

Product Licenses Required

- Client Side
 - ENOVIA: ENOVIA VPM Navigator (VPN)
 - Examples of configuration including VPN: ENOVIA - VPM Product Design Configuration (DER) or ENOVIA - VPM DMU Review Configuration (VDM)
- Server Side
 - ENOVIA - Multi-Tier Enterprise Architecture (T3A)
 - Examples of configuration including T3A:
 - ENOVIA - Security Administrator Configuration (ADR)
 - ENOVIA - Casual User Configuration (CUR)
 - ENOVIA - Professional User Configuration (MGR)
 - **or**
 - ENOVIA - System and Data Administrator Configuration (RVR)
 - Optional
 - CATIA - V4 Integration 2 (V4I) to process V4 models
 - CATIA CPE or CPX (to process Composite parts)
 - CATIA PD1 or PDG (for Distributive Analysis)

CATIA Data Security (DS9)

- Operating system - Microsoft Windows XP Professional SP2
- Software requirements - CATIA V5.19 - Object Manager (COM) (exists in any CATIA configuration) or DELMIA V5.19

Aralia Fault Tree Analyzer (FT9)

Operating system - Microsoft Windows XP Professional SP2

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>

License Management:

All BPAs except CATIA Data Security (DS9) implement LUM licensing mechanism (v4.6.8). The CATIA Data Security (DS9) BPA, while not LUM licensed-managed, requires a special encryption key for proper use. This key must be requested from the Dassault Systemes Key Center.

For All BPAs, except CATIA Data Security (DS9), the following licensing principles apply:

- Each BPA will require a license. Licenses for BPA are acquired and released for the total product. Different products within one configuration will need different licenses.
- BPA products will require a license, in addition to one for the prerequisite configuration and any prerequisite product, if applicable.

In all cases, licenses are acquired at the beginning of the process and are released at its termination.

Two license types are implemented:

- Nodelocked Licenses:
 - A nodelocked license allows the use of a BPA on the particular machine for which the license was created for as long as the license remains valid.
- Concurrent Licenses:
 - A concurrent license is a network license that can be temporarily granted to run the licensed BPA on a client. When the BPA is running, that license remains unavailable to other users of the product. When the product stops running the license is returned to the server, where it becomes available to other users. Concurrent licenses allow as many users to run a licensed BPA simultaneously as there are valid licenses for the BPA available from the network license servers in your licensing environment.

Licensed Program Materials Availability

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

A Business Process Accelerators (BPA) configuration is defined as a bundling of BPA products, some or all of which may be available on an individual basis. When BPA products are purchased in a configuration, those BPA products can be used only by a single user at a given time.

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 Systemes and obtain additional authorizations..

Softcopy Publications

The program that Dassault Systemes licenses may include licensed publications in displayable or source form. Except as provided in this section, the terms and conditions of the license agreement with Dassault Systemes 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 program. The licensed publications may also be copied and used on other machines in support of authorized use of this program.

To support authorized use of the 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.



Warranty

This program is warranted as specified in the Dassault Systemes license.

Footnotes:

Trademarks

Company, products and services names may be trademarks or services mark of related companies.

References in this publication to Dassault Systemes products, programs, or services do not imply that Dassault Systemes intends to make these available in all countries in which Dassault Systemes operates.

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

March 2010