



## **ENOVIA SmarTeam**

# **SmarTeam V5R19 Product Hardware and Software Requirements**

© Dassault Systèmes, 1997, 2009. All rights reserved.

CATIA, ENOVIA, SMARTEAM and the 3DS logo are registered trademarks of Dassault Systèmes or its subsidiaries in the US and/or other countries.

PROPRIETARY RIGHTS NOTICE: This documentation is the property of Dassault Systèmes. This documentation shall be treated as confidential information and may only be used by employees or contractors of the Customer in accordance with the terms of the End-User License Agreement accepted by Customer.

Any use of the Licensed Program contained in this media or accompanying it, is subject to the terms of the End User License Agreement accepted by Customer. The Licensed Program is protected by international copyright laws and international treaties. Unauthorized use, reproduction and/or distribution of any of the Licensed Program, or any part thereof, may result in severe civil and/or criminal penalties, and will be prosecuted to the maximum extent possible under the law. Company names and product names mentioned herein are the property of their respective owners and certain portions of the Licensed Program contain elements subject to copyright owned by these entities. See the Documentation CD provided with the Licensed Program for details and/or additional terms and conditions relating to these entities.

Part Number: GEN-A2-190609

# TABLE OF CONTENTS

<b>INTRODUCTION .....</b>	<b>2</b>
<b>SERVER PRODUCTS.....</b>	<b>3</b>
SMARTEAM – FOUNDATION .....	3
<i>Vault Server</i> .....	3
<i>Session / Configuration Services</i> .....	4
<i>SmarTeam – Workflow Server</i> .....	4
<i>Full Text Search Server</i> .....	4
SMARTEAM WEB SERVER .....	4
<i>SmarTeam – Web Editor / SmarTeam – Navigator</i> .....	4
<i>SmarTeam – Community Workspace</i> .....	5
SMARTEAM – WEB VIEWER SERVER.....	6
DS VIEWER SERVER .....	6
SMARTEAM – MULTI SITE.....	7
<i>Client (Admin/ Run time)</i> .....	7
<i>Server Database Replication</i> .....	7
SMARTEAM – MULTI-SITE VAULT .....	7
<i>Client (Admin/ Run time)</i> .....	7
<i>Vault replication</i> .....	8
SMARTEAM – GATEWAY.....	9
SMARTEAM – JOB SERVER.....	10
SMARTEAM – DEVELOPMENT SUITE .....	10
<i>i-Platform and SmartIXF SDK Components:</i> .....	11
DATABASE SERVERS .....	11
LICENSE USE MANAGEMENT .....	12
LDAP .....	12
<b>CLIENT PRODUCTS.....</b>	<b>13</b>
WINDOWS APPLICATIONS .....	13
<i>SmarTeam – Editor</i> .....	13
<i>SmarTeam – BOM</i> .....	14
<i>SmarTeam – Workflow</i> .....	14
<i>SmarTeam – CATIA Integration</i> .....	14
<i>SmarTeam – CATIA Supply Chain Engineering Exchange</i> .....	14
<i>SmarTeam – CATIA Web Integration</i> .....	14
<i>SmarTeam – Solid Edge Integration</i> .....	15
<i>SmarTeam – SolidWorks Integration</i> .....	16
<i>SmarTeam – AutoCAD Integration</i> .....	16
<i>SmarTeam – Inventor Integration</i> .....	17
<i>SmarTeam – Regulatory Compliance Framework</i> .....	17
<i>SmarTeam – Program Management</i> .....	18
WEB APPLICATIONS .....	18
<i>SmarTeam – Web Editor / SmarTeam – Navigator</i> .....	18
<i>SmarTeam – Community Workspace</i> .....	18

## INTRODUCTION

---

This document outlines the minimum hardware and software requirements needed for each SMARTEAM product.

The requirements presented in this document are the minimum needed for SmarTeam products to operate without regard to special performance issues. If higher performance is required for a specific SmarTeam installation, an assessment and sizing should be performed before providing any specific hardware recommendation.

The latest version of the SmarTeam V5R19 Hardware and Software Requirements document is available from the ENOVIA SmarTeam Program Directory.

The latest information on CAD and OS compatibility is available from the ENOVIA SmarTeam support website  
at: [https://support.smarteam.com/main/Downloads/Documents/SmarTeam\\_Compatibility\\_Info.asp](https://support.smarteam.com/main/Downloads/Documents/SmarTeam_Compatibility_Info.asp)

**IMPORTANT:** All SmarTeam products must be installed on member servers only. They must not be installed on a server that also provides additional network services, for example, domain controllers (PDC or BDC), WINS servers, DNS servers.

## SERVER PRODUCTS

### SMARTTEAM – FOUNDATION

#### MINIMUM HARDWARE REQUIREMENTS

- Dual Core 1.8 GHz or higher
- Memory: 1 GB or higher
- Hard disk space: 750 MB
- Network connection to Servers: TCP/IP

#### SOFTWARE REQUIREMENTS

- Windows Server 2008
- Windows XP SP2 Professional x86 (32bit) for demo purposes only
- Windows Server 2003 SP2 or 2003 R2 SP2 x86 (32bit), Standard Edition or Enterprise Edition
- Windows Server 2003 R2 or 2003 R2 SP2 x64 (64bit), Standard Edition or Enterprise Edition
- Web Server: Microsoft Internet Information Services 6.0
- Runtime Environment: Microsoft .NET Framework 3.0

### VAULT SERVER

#### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)  
Note: More hard disk space may be required for actual vault directories, if these reside on the same computer

#### SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)
- Vault directories must be deployed on an NTFS partition if they reside on the Windows Server. Vault directories may also be deployed on UNIX/Linux platforms. For UNIX/Linux usage, Samba 2.2.8a Windows emulation must be used.

#### Notes:

1. As Vault Server workloads may vary in different production environments, it is recommended to review specific Vault requirements. For more information, refer to the SmarTeam – Foundation Administration Guide.
2. For V5R19, SmarTeam's Vault Server can be used for demo purposes on machines which are running Microsoft Windows XP Professional SP2 x86. Although Windows XP is not planned to be used as a server, tests have been performed to ensure that the system will work during demos. As the Windows XP system is not aimed to be used as a server, it *must not* be used in production.

3. It is highly recommended to install Vault, Workflow and Session/Configuration services on different server machines.

## SESSION / CONFIGURATION SERVICES

### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)

### SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)

## SMARTTEAM – WORKFLOW SERVER

### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)

### SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)

## FULL TEXT SEARCH SERVER

### MINIMUM HARDWARE REQUIREMENTS

- For Database requirements, refer to the appropriate vendor at the following sites:  
<http://www.oracle.com/products>  
<http://www.microsoft.com/sql/default.asp>

- For the Vault refer to the [Vault Server SOFTWARE REQUIREMENTS](#).

### SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)

Notes:

If the selected database is Microsoft SQL Server, MS SQL Server's Full Text Search component should be selected and installed during the MS-SQL Database Server installation.

If the selected database is Oracle, Oracle's Intermedia Cartridge component should be selected and installed during the Oracle Database Server installation.

## SMARTTEAM WEB SERVER

### SMARTTEAM – WEB EDITOR / SMARTTEAM – NAVIGATOR

#### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)
- Memory: 4 GB RAM or higher
- 100 MB/sec NIC or higher

Note: The Web Editor Server must be installed on a separate dedicated machine.

## SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)
- Web Server: Microsoft Internet Information Services 6.0 for Windows Server 2003.
- Internet Protocol (TCP/IP) with static IP address
- Microsoft Internet Explorer 7.0
- Database client
- SmarTeam – Editor V5R19
- Local or network access to SmarTeam – Web Viewer

### Notes:

1. When using Windows Server 2003, verify that ASP.NET is installed:  
Navigate to Control Panel / Add-Remove Software / Windows Components / Application Server, and verify that the ASP.NET component is checked.
2. For V5R19, SmarTeam Web Server can be used for Demo purposes on machines running Microsoft Windows XP Professional SP2. Although Windows XP is not planned to be used as a server, tests have been performed to ensure that the system will work properly during demos. As Windows XP system is not aimed to be used as a server, it *must not* be used in production.

## SMARTTEAM – COMMUNITY WORKSPACE

### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)
- 100 MB/sec NIC or higher

Note: The Community Workspace Server must be installed on a separate dedicated machine.

### SOFTWARE REQUIREMENTS

- As specified for SmarTeam Web Server, [SmarTeam – Web Editor / SmarTeam – Navigator](#), except that it only runs on Windows Server 2003 R2 x86 (32bit), Standard Edition or Enterprise Edition.

Note: For V5R19, SmarTeam – Community Workspace can be used for Demo purposes on machines running Microsoft Windows XP Professional SP2. Although Windows XP is not planned to be used as a server, tests have been performed to ensure that the system will work properly during demos. As Windows XP system is not aimed to be used as a server, it *must not* be used in production.

## SMARTTEAM – WEB VIEWER SERVER

### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)
- 100 MB/sec NIC

Note: The Web Viewer is used both by the Web Server and the Community Workspace Server. The Web Viewer Server must reside on a separate dedicated server machine.

### SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)
- Internet Protocol (TCP/IP) with permanent IP address
- Microsoft Internet Explorer 7.0
- Client 64bit OS is not supported by Oracle AutoVue

## DS VIEWER SERVER

### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)
- Memory: 4 GB RAM or higher
- 100 MB/sec NIC or higher

### SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#) except that it only runs on Windows XP SP2 Professional x86 (32bit)
- Internet Protocol (TCP/IP) with static IP address or dedicated DNS name
- Microsoft Internet Explorer 7.0
- Database client
- SmarTeam – Editor V5R19
- Local or network access from SmarTeam – Web Server and/or SmarTeam – Editor clients

Note: When using Windows Server 2003, verify that ASP.NET is installed: Navigate to Control Panel / Add-Remove Software / Windows Components / Application Server, and verify that the ASP.NET component is checked.

## SMARTTEAM – MULTI SITE

### CLIENT (ADMIN/ RUN TIME)

#### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)

#### SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#). The Administration Tools can be installed only on Server operating systems.

### SERVER DATABASE REPLICATION

#### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)
- Storage: Dual channel RAID controller with 2+5 disks using Ultra 160 SCSI drives 10,000 RPM or higher
- Available 192 KB connection between sites

#### SOFTWARE REQUIREMENTS

- Oracle 10g R2 and its prerequisites
- Windows 2008 Server 64 bit, not supported

#### Notes:

1. The Database Replication mechanism is currently available on Oracle only.
2. A professional Database Administrator (DBA) with knowledge of Oracle Replication is required onsite for installation and ongoing maintenance.
3. For database operating system requirements, refer to the appropriate vendor at the following site: <http://www.oracle.com/products>

## SMARTTEAM – MULTI-SITE VAULT

### CLIENT (ADMIN/ RUN TIME)

#### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)

#### SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#). The Administration Tools can be installed only on Server operating systems.

## VAULT REPLICATION

### MINIMUM HARDWARE REQUIREMENTS

- ❑ As specified for [SmarTeam – Foundation](#)
- ❑ RDS (RepliWeb Deployment Suite) or DFS do not require special hardware configuration and can run on the SmarTeam Vault Server or any other computer with sufficient resources. Resource allocation for RepliWeb does not require a dedicated or specialized computer.
- ❑ If you are using SmarTeam and RepliWeb R-1, SmarTeam implementation requires that you replace an existing DLL. This DLL can be downloaded from the Dassault Systemes Support site: <https://www.3ds.com/support/knowledge-base>, QA00000003976.
- ❑ For information about required hardware for the RepliWeb R-1 product, see the RepliWeb site: <http://www.repliweb.com>.
- ❑ Hard disk space: 100 MB
- ❑ Available 192KB connection between sites (depending on database size and frequency of updates). This parameter depends on the total data volume, number of users, files and intensity of communications.

Note: For hardware requirements of the SmarTeam Vault Server, refer to the [SmarTeam – Foundation](#) requirements section.

### SOFTWARE REQUIREMENTS

SmarTeam – Multi-site provides the means to configure and work in an environment where each vault has a parallel vault on all other sites. For Vault Server system requirements refer to the SmarTeam – Foundation Vault Server documentation.

#### Prerequisites:

Microsoft DFS (Distributed File System) on Microsoft Windows Server 2003 or RepliWeb RDS 2.6 / RDS 3.0 or RepliWeb R-1

1. **DFS:** In order to activate a working DFS Replication system between the Vault sites:
  - All Storage machines must run on Windows Server 2003 Operating System.
  - The Network Topology must have an Active directory and a Domain Controller.
  - All Storage Machines on all sites must be in the same forest. You cannot enable replication across servers in different forests.
  - The Vaults must be located on NTFS Volumes. They cannot be mapped to the storage machines by NFS. This means, that files cannot be located on special storage solutions. UNIX machines are not supported as well.
  - For further information on Microsoft DFS Replication refer to the Microsoft site.

Note: Clusters are not supported. In a cluster, the Vaults must be located on a local node, and not as a shared resource. The DFS Service is not cluster aware,

and will not fail over to another node. Locating the Vaults on a local node, prevent Smarteam from working properly in a case of fail over.

## 2. RDS:

- A server named RDS (RDS 2.6 / RDS 3.0), which is used to replicate files between sites.
- A service named RDM, which complements the RDS server. RDM is required only in cases in which RDS runs under the Win32 environment and the Vault directories reside on a computer other than the Vault Server machine.

Installations of these two programs are not included on the SmarTeam - Multi-site CD.

SmarTeam Corporation provides a free license for RDS if both the following conditions are fulfilled:

- The platform is either Win32 or Linux
- The host computers do not have more than two CPUs

If RDM is required, and the conditions for a free license of RDS are met, an RDM license will also be provided free of charge by SmarTeam Corporation.

Each vault site requires an RDS installation. RDS can be installed on Windows, Linux or UNIX.

- In a Win32 environment, RDS should be installed on the Vault Server machine.
- If vault directories reside on Linux or UNIX, there are two possible RDS installation configurations:
  - Recommended (for performance reasons) – RDS is installed directly on the Linux/UNIX machine.
  - Optional – RDS is installed on the Vault Server machine.

Full details about specific supported operating system platforms for RepliWeb RDS and RepliWeb R-1 can be found at: <http://www.repliweb.com>.

## SMARTTEAM – GATEWAY

### MINIMUM HARDWARE REQUIREMENTS

- Pentium IV 2.4 MHz or higher
- Memory: 1 GB or higher
- Hard disk space: 2 GB
- 100 MB/sec NIC or higher

Note: Based on workload, level of communication and volume of exchanged data, the Gateway server may be installed on a dedicated machine.

## SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#), except that it only runs on Windows Server 2003 R2 x86 (32bit), Standard Edition or Enterprise Edition.
- Microsoft Windows XP SP2 Professional x86 (32bit) for Demo purposes only
- Integration middleware: Microsoft BizTalk Server
  - Microsoft BizTalk Server 2006 Standard Edition or Enterprise Edition  
Microsoft SQL Server 2005 is required for Microsoft BizTalk 2006.
  - Windows Server 2003 SP2 or 2003 R2 SP2 32bit, Standard Edition or Enterprise Edition
  - Windows Server 2003 R2 or 2003 R2 SP2 64bit, Enterprise Edition or Standard Edition

For additional details on Microsoft BizTalk and its prerequisites, refer to <http://www.microsoft.com/biztalk>

### Notes:

1. Based on selected integration topology, SmarTeam – Gateway can be used without middleware.
2. Administrator-level knowledge of middleware (BizTalk) is required for implementation.
3. The implementation of this product also requires prior SmarTeam certification.

## SMARTTEAM – JOB SERVER

### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)

### SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#), except that it only runs on Windows Server 2003 R2 or 2003 R2 SP2 x86 (32bit), Standard Edition or Enterprise Edition.
- SmarTeam – Editor V5R19, and its prerequisites, see [SOFTWARE REQUIREMENTS](#)
- IIS 6.0 or 7.0 for SMTP email services
- Authoring software for printing / silent release (Microsoft Word and Excel, AutoCAD, SolidWorks in their supported versions)

## SMARTTEAM – DEVELOPMENT SUITE

### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Editor](#)
- For i-Platform Server component:
  - 1.8 GHz or higher
  - Memory: 1GB RAM or higher
  - Hard disk space: 750 MB

- 10/100 Mb/sec NIC or higher

## SOFTWARE REQUIREMENTS

### **i-Platform and SmartIXF SDK Components:**

- A Java development environment compatible with JDK 1.6 update 13 is required to use the supplied libraries and samples

#### **Server**

- SmarTeam – Editor V5R19

#### **Operating Systems**

- As specified for [SmarTeam – Editor](#)

#### **Browsers**

- Microsoft Internet Explorer 7.0
- Mozilla 1.7

#### **Runtime Environment**

- Microsoft .NET Framework 3.0

## DATABASE SERVERS

- Oracle 10g R2
- The Oracle database installation for Windows provided with SmarTeam is a 32bit application. SmarTeam also has the ability to work with the 64bit version.
- Microsoft SQL Server 2005 Enterprise
- Microsoft SQL Server 2005 SP2 Standard Edition
- Microsoft SQL Server 2005 SP2 Express Edition (formerly MSDE)

For database operating system and hardware requirements, refer to the appropriate vendor at the following sites:

<http://www.oracle.com/products>

<http://www.microsoft.com/sql/default.asp>

Note: After installing the SQL Server 2005 Administrator (with DBA privileges) run the following statements to allow a multi-user environment.

```
ALTER DATABASE [DB NAME] SET READ_COMMITTED_SNAPSHOT ON;
```

```
ALTER DATABASE [DB NAME] SET ALLOW_SNAPSHOT_ISOLATION ON;
```

## LICENSE USE MANAGEMENT

IBM License Use Management (LUM) is required to serve concurrent license keys across a network. A LUM configuration file (i4ls.ini) is required to access concurrent license keys from these servers. Server and Nodelock license management mechanisms can be used on Windows or UNIX license servers, as supported by IBM.

The minimum IBM LUM level is V4.6.8.3.

The release of IBM LUM, together with any applicable patches, can be downloaded at no charge from <http://www-306.ibm.com/software/awdtools/lum/>.

Refer to IBM's website at <http://www-306.ibm.com/software/awdtools/lum/> for updated information on LUM system requirements.

Note: LUM 4.6.8 cannot be used on virtual machines for Node-lock or server installations.

## LDAP

SmarTeam Authentication supports the following LDAP systems:

- Microsoft Active Directory
- IBM Tivoli Directory Server 6.0
- SUN Java System Directory Server Enterprise Edition 5.2
- Novell eDirectory 8.7.3

## CLIENT PRODUCTS

### WINDOWS APPLICATIONS

#### SMARTTEAM – EDITOR

##### MINIMUM HARDWARE REQUIREMENTS

- Pentium IV 2.4 GHz or higher
- Memory: 512MB or higher
- Hard disk space: 750MB
- Network connection to SmarTeam – Foundation Servers: TCP/IP

##### SOFTWARE REQUIREMENTS

- Microsoft Windows XP Professional SP2 x86 and x64 (run as 32bit)
  - Microsoft Windows XP Professional SP3 x86
  - Microsoft Windows Vista Business SP1 x86 (32bit) Edition
  - Microsoft Windows Vista Ultimate SP1 x86 (32bit) Edition  
Note: System Configuration Editor is not supported on Windows Vista OS.
  - Microsoft Windows Vista Business SP1 x64 (64bit) Edition
  - Microsoft Windows Vista Ultimate SP1 x64 (64bit) Edition
  
  - Windows Server 2003 SP2 or 2003 R2 SP2 x86 (32bit), Standard Edition or Enterprise Edition
  - Microsoft Windows Server 2003 R2 or 2003 R2 SP2 x64 (64bit), Standard Edition or Enterprise Edition
  - SmarTeam – Editor includes Microsoft Word and Excel integrations. Both integrations support Word and Excel in versions:
    - o Microsoft Office 2003 SP3
    - o Microsoft Office 2007
    - o Microsoft Office 2007 SP2
- Note: SmarTeam viewer supports Microsoft Office 2007 with SmarTeam Viewer 190302 which can be downloaded from SmarTeam support site.
- For sending email messages from SmarTeam – Editor, Microsoft Outlook 2003 SP2, Microsoft Outlook 2007, Lotus Notes 7 and 7.5.1 and Live Communication Server 2005 (3DLive) are supported
  - Microsoft Internet Information Services (IIS) is required for SmarTeam – Editor if the System Configuration Editor is installed as part of the SmarTeam Administrator tools. For Windows 2003, IIS 6.0 (32bit) is required.
  - Runtime Environment: Microsoft .NET Framework 3.0

## **SMARTTEAM – BOM**

- As specified for [SmarTeam – Editor](#)

Note: SmarTeam – BOM Briefcase can be used without SmarTeam – Editor.

## **SMARTTEAM – WORKFLOW**

- As specified for [SmarTeam – Editor](#)

## **SMARTTEAM – CATIA INTEGRATION**

### **MINIMUM HARDWARE REQUIREMENTS**

- As specified for [SmarTeam – Editor](#)

### **SOFTWARE REQUIREMENTS**

- As specified for [SmarTeam – Editor](#)
- SmarTeam – Editor V5R19
- CATIA and ENOVIA DMU Navigator V5R17 or V5R18 or V5R19

Note: Verify that the minimum CATIA hardware and software requirements are met.

## **SMARTTEAM – CATIA SUPPLY CHAIN ENGINEERING EXCHANGE**

### **MINIMUM HARDWARE REQUIREMENTS**

- As specified for [SmarTeam – Editor](#)

### **SOFTWARE REQUIREMENTS**

- As specified for [SmarTeam – Editor](#)
- SmarTeam – Editor V5R19
- CATIA and ENOVIA DMU Navigator V5R17 or V5R18 or V5R19

Note: Verify that the minimum CATIA hardware and software requirements are met.

## **SMARTTEAM – CATIA WEB INTEGRATION**

### **MINIMUM HARDWARE REQUIREMENTS**

- As specified for [SmarTeam – Editor](#)

### **SOFTWARE REQUIREMENTS**

- Microsoft Windows XP Professional SP2 x86 (32bit) and x64 (64bit).
- Microsoft Windows XP Professional SP3 x86
- Microsoft Windows Vista Business SP1 x86 (32bit) Edition
- Microsoft Windows Vista Enterprise SP1 x86 (32bit) Edition

- Microsoft Windows Vista Business SP1 x64 (64bit) Edition
  - Microsoft Windows Vista Enterprise SP1 x64 (64bit) Edition
- Note: On Windows 64bit, SmarTeam – CATIA Web Integration supports both of these configurations
- CATIA 32bit + ClientLibraries 32bit
  - CATIA 64bit + ClientLibraries 64bit
- CATIA and ENOVIA DMU Navigator V5R19
  - Web Browser: Microsoft Internet Explorer 7.0 (32bit)
  - Connection to a SmarTeam Web Server V5R19
  - CATIA and SmarTeam – Web Editor Server must have the same level of Release and Service Pack.

Note: Verify that the minimum CATIA hardware and software requirements are met.

## SMARTeam – SOLID EDGE INTEGRATION

### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Editor](#)

### SOFTWARE REQUIREMENTS

- Microsoft Windows XP Professional SP2 x86
- Microsoft Windows XP Professional SP2 x64
- Microsoft Windows XP Professional SP3 x86
- Microsoft Windows Vista Business SP1 x86 (32bit) Edition
- Microsoft Windows Vista Enterprise SP1 x86 (32bit) Edition
- Microsoft Windows Vista Business SP1 x64 (64bit) Edition
- Microsoft Windows Vista Enterprise SP1 x64 (64bit) Edition
- Runtime Environment: Microsoft .NET Framework 3.0
- SmarTeam – Editor V5R19
- Solid Edge V20 (32bit)
- Solid Edge V20 (64bit)
- Solid Edge ST MP4 (32bit)
- Solid Edge ST MP4 (64bit)

Note: Verify that the minimum Solid Edge hardware and software requirements are met.

## SMARTTEAM – SOLIDWORKS INTEGRATION

### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Editor](#)

### SOFTWARE REQUIREMENTS

- Microsoft Windows XP Professional SP2 x86
- Microsoft Windows XP Professional SP2 x64
- Microsoft Windows XP Professional SP3 x86
- Microsoft Windows Vista Business SP1 x86 (32bit) Edition
- Microsoft Windows Vista Enterprise SP1 x86 (32bit) Edition
- Microsoft Windows Vista Business SP1 x64 (64bit) Edition
- Microsoft Windows Vista Enterprise SP1 x64 (64bit) Edition
- Runtime Environment: Microsoft .NET Framework 3.0
- SmarTeam – Editor V5R19
- SolidWorks 2008 (32bit)

Note: SolidWorks 2008 does not support Microsoft Vista 32bit

- SolidWorks 2008 (64bit)  
Note: SolidWorks Express Add-In is not supported in Windows 64bit for SW2008
- SolidWorks 2009 SP4 (32bit)
- SolidWorks 2009 SP4 (64bit)

Note: Verify that the minimum SolidWorks hardware and software requirements are met.

## SMARTTEAM – AUTOCAD INTEGRATION

### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Editor](#)

### SOFTWARE REQUIREMENTS

- Microsoft Windows XP Professional SP2 x86
- Microsoft Windows XP Professional SP2 x64
- Microsoft Windows XP Professional SP3 x86
- Microsoft Windows Vista Business SP1 x86 (32bit) Edition
- Microsoft Windows Vista Enterprise SP1 x86 (32bit) Edition
- Microsoft Windows Vista Business SP1 x64 (64bit) Edition
- Microsoft Windows Vista Enterprise SP1 x64 (64bit) Edition
- Runtime Environment: Microsoft .NET Framework 3.0

- SmarTeam – Editor V5R19
  - AutoCAD and AutoCAD Mechanical 2009 (32bit)
  - AutoCAD and AutoCAD Mechanical 2009 (64bit)
  - AutoCAD and AutoCAD Mechanical 2010 (32bit)
- Note: AutoVue Viewer V19.3.2 does not support viewing AutoCAD 2010 files.

Note: Verify that the minimum AutoCAD hardware and software requirements are met.

## SMARTTEAM – INVENTOR INTEGRATION

### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Editor](#)

### SOFTWARE REQUIREMENTS

- Microsoft Windows XP Professional SP2 x86
- Microsoft Windows XP Professional SP2 x64
- Microsoft Windows XP Professional SP3 x86
- Microsoft Windows Vista Business SP1 x86 (32bit) Edition
- Microsoft Windows Vista Enterprise SP1 x86 (32bit) Edition
- Microsoft Windows Vista Business SP1 x64 (64bit) Edition
- Microsoft Windows Vista Enterprise SP1 x64 (64bit) Edition
- Runtime Environment: Microsoft .NET Framework 3.0
- SmarTeam – Editor V5R19
- Inventor 2009 (32 bit)
- Inventor 2009 (64bit)  
Note: Inventor Express Add-In is not supported in Microsoft Windows 64bit
- Inventor 2010 (32bit)  
Note: AutoVue Viewer V19.3.2 does not support viewing Inventor 2010 files.

Note: Verify that the minimum Inventor hardware and software requirements are met.

## SMARTTEAM – REGULATORY COMPLIANCE FRAMEWORK

### MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Editor](#)

### SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Editor](#)

Note: SmarTeam – Job Server must be installed on the site.

## SMARTTEAM – PROGRAM MANAGEMENT

### MINIMUM HARDWARE REQUIREMENTS

As specified for [SmarTeam – Editor](#).

### SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Editor](#).
- For Project Managers; Microsoft®-Project® 2007 Service must also be installed.

Note: Verify that Microsoft® -Project software requirements are met.

## WEB APPLICATIONS

### SMARTTEAM – WEB EDITOR / SMARTTEAM – NAVIGATOR

#### SOFTWARE REQUIREMENTS

##### Web Browsers

- Windows: Microsoft Internet Explorer 7.0
- Mozilla 1.7

##### Other

- For Windows: Sending email messages from SmarTeam – Editor Web client. Supports SMTP protocol
- For performing different actions on the client machine: Java Plug-in SUN JRE 1.6 Update 13

Note: The DS viewer and eDrawings viewer are supported on Windows only.

### SMARTTEAM – COMMUNITY WORKSPACE

#### SOFTWARE REQUIREMENTS

##### Web Browsers

- Windows: Microsoft Internet Explorer 7.0 (32bit Edition)

##### Other

- Windows 2008 Server 64 bit, not supported
- Extraction utility for zip files
- For sending email messages from SmarTeam – Community Workspace, Microsoft Outlook 2003 SP2 and 2007
- For performing different actions on the client machine: Java Plug-in SUN JRE 1.6 Update 13