



ENOVIA SmarTeam

SmarTeam V5R19 Product Hardware and Software Requirements

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TABLE OF CONTENTS

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

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

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

MINIMUM SOFTWARE REQUIREMENTS

- Windows XP SP2 Professional x86 (32bit) or x64 (64bit) for demo purposes only
- Windows Server 2003 SP2 or 2003 R2 SP2 x86 (32bit), Standard Edition or Enterprise Edition
- Windows Server 2003 R2 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

MINIMUM 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](#)

MINIMUM SOFTWARE REQUIREMENTS

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

SMARTTEAM – WORKFLOW SERVER

MINIMUM HARDWARE REQUIREMENTS

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

MINIMUM 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 Minimum Software Requirements](#).

MINIMUM 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.

MINIMUM 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 6.0 SP1, SP2 and 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.

MINIMUM 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.

MINIMUM SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)
- Internet Protocol (TCP/IP) with permanent IP address
- Microsoft Internet Explorer 6.0 SP1, SP2 and 7.0

DS VIEWER SERVER

MINIMUM HARDWARE REQUIREMENTS

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

MINIMUM 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 6.0 SP1, SP2 and 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](#)

MINIMUM 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

MINIMUM SOFTWARE REQUIREMENTS

- Oracle 10g R2 and its prerequisites

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>

VAULT REPLICATION

MINIMUM HARDWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#)
- RDS 2.6 (RepliWeb Deployment Suite) does 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.
- 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.

MINIMUM 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:

- A server named RDS (RDS 2.6), 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:
 - o Recommended (for performance reasons) – RDS is installed directly on the Linux/UNIX machine.
 - o Optional – RDS is installed on the Vault Server machine.

Full details on specific supported operating system platforms for RDS can be found at: <http://www.repliweb.com/html/products/rdsplatforms.html>

SMARTTEAM – MULTI-SITE VAULT

CLIENT (ADMIN/ RUN TIME)

MINIMUM HARDWARE REQUIREMENTS

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

MINIMUM 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) does 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.
- 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.

MINIMUM 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 Microsoft Windows Server 2008 or Repliweb RDS 2.6

1. **DFS:** In order to activate a working DFS Replication system between the Vault sites:
 - All Storage machines must run on Windows Server 2003 R2 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), 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:
 - o Recommended (for performance reasons) – RDS is installed directly on the Linux/UNIX machine.
 - o Optional – RDS is installed on the Vault Server machine.

Full details on specific supported operating system platforms for RDS can be found at: <http://www.repliweb.com/html/products/rdsplatforms.html>

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.

MINIMUM 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 32-bit, Standard Edition or Enterprise Edition
 - Windows Server 2003 R2 64-bit, 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](#)

MINIMUM SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Foundation](#), except that it only runs on Windows Server 2003 R2 x86 (32bit), Standard Edition or Enterprise Edition.
- SmarTeam – Editor V5R19, and its prerequisites, see [Minimum 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

MINIMUM SOFTWARE REQUIREMENTS

i-Platform and SmartIXF SDK Components:

- A Java development environment compatible with JDK 1.6 update 4 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
- 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>

LICENSE USE MANAGEMENT

IBM License Use Management (LUM) is required to serve concurrent licenses across a network. IBM LUM 4.6.8 Patch 3 Runtime Servers can be used on Windows or UNIX license servers, as supported by IBM.

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

MINIMUM SOFTWARE REQUIREMENTS

- Microsoft Windows XP Professional SP2 x86 and x64 (run as 32bit)
- Microsoft Windows Vista Business x64 (64bit) Edition
- Windows Server 2003 SP2 or 2003 R2 SP2 x86 (32bit), Standard Edition or Enterprise Edition
- Microsoft Windows Server 2003 R2 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
- 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 (32-bit) 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](#)

MINIMUM 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](#)

MINIMUM 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](#)

MINIMUM SOFTWARE REQUIREMENTS

- Microsoft Windows XP Professional SP2 x86 (32bit) and x64 (64bit).
Note: On Windows 64 bits, SmarTeam – CATIA Web Integration supports both of these configurations
 - CATIA 64 bits + ClientLibraries 64 bits
 - CATIA 32 bits + ClientLibraries 32bits
- Microsoft Windows Vista Business x64 (64bit) Edition
- CATIA and ENOVIA DMU Navigator V5R19
- Web Browser: Microsoft Internet Explorer 6.0 SP2 and 7.0 (32-bit)
- Connection to a SmarTeam Web Server V5R19
- CATIA & SmarTeam – Web Editor Server must have the same level of Release & Service Pack.

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

SMARTTEAM – SOLID EDGE INTEGRATION

MINIMUM HARDWARE REQUIREMENTS

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

MINIMUM SOFTWARE REQUIREMENTS

- Microsoft Windows XP Professional SP2 x86
- Runtime Environment: Microsoft .NET Framework 3.0
- SmarTeam – Editor V5R19
- Solid Edge V20

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

SMARTTEAM – SOLIDWORKS INTEGRATION

MINIMUM HARDWARE REQUIREMENTS

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

MINIMUM SOFTWARE REQUIREMENTS

- Microsoft Windows XP Professional SP2 x86
- Runtime Environment: Microsoft .NET Framework 3.0
- SmarTeam – Editor V5R19
- SolidWorks 2008

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

SMARTTEAM – AUTOCAD INTEGRATION

MINIMUM HARDWARE REQUIREMENTS

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

MINIMUM SOFTWARE REQUIREMENTS

- Microsoft Windows XP Professional SP2 x86
- Runtime Environment: Microsoft .NET Framework 3.0
- SmarTeam – Editor V5R19
- AutoCAD 2008

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

SMARTTEAM – INVENTOR INTEGRATION

MINIMUM HARDWARE REQUIREMENTS

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

MINIMUM SOFTWARE REQUIREMENTS

- Microsoft Windows XP Professional SP2 x86
- Runtime Environment: Microsoft .NET Framework 3.0
- SmarTeam – Editor V5R19
- Inventor 2008

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

SMARTTEAM – REGULATORY COMPLIANCE FRAMEWORK

MINIMUM HARDWARE REQUIREMENTS

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

MINIMUM 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](#).

MINIMUM SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Editor](#).
- For Project Mangers; MS-Project® 2003 Service Pack 2 must also be installed.

Note: Verify that MS-Project software requirements are met.

WEB APPLICATIONS

SMARTTEAM – WEB EDITOR / SMARTTEAM – NAVIGATOR

MINIMUM SOFTWARE REQUIREMENTS

Operating Systems

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

- Microsoft Windows Server 2003 SP2 or 2003 R2 SP2 x86 (32bit), Standard Edition or Enterprise Edition
- Enterprise Red-Hat Linux 4
- Novell (SUSE) Linux Desktop 9

Web Browsers

- Windows: Microsoft Internet Explorer 7.0
- Mozilla 1.7

Other

- For Windows: Sending email messages from SmarTeam – Editor Web client, Microsoft Outlook 2003 SP2, 2007 and Lotus Notes 7 and 7.5.1 are supported.
- For performing different actions on the client machine: Java Plug-in SUN JRE 1.6 Update 4

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

SMARTTEAM – COMMUNITY WORKSPACE

MINIMUM SOFTWARE REQUIREMENTS

- As specified for [SmarTeam – Web Editor / SmarTeam – Navigator](#).

Web Browsers

- Windows: Microsoft Internet Explorer 6.0 SP1, 6.0 SP2 and 7.0 (32-bit Edition)

Other

- 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 4