ENOVIA SmarTeam

SmarTeam V5R18 Product Hardware and Software Requirements

Part Number: EDR-A2-180308

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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 V5R18 Hardware and Software Requirements document is available from the SmarTeam Program Directory.

The latest information on CAD and OS compatibility is available from the SmarTeam support website at:
https://support.smarteam.com/main/Downloads/Documents/SmarTeam_Compatibility_Info.asp

It is recommended that you use the latest BIOS version when working with SmarTeam products. When using IBM server hardware, use BIOS version 1.12, which is the latest version that has been tested on SmarTeam products.

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.

FOUNDATION

SMARTEAM – FOUNDATION

VAULT SERVER

MINIMUM HARDWARE REQUIREMENTS

❑ Dual CPU Xeon DP1.8 GHz or higher

❑ Memory: 1 GB or higher

❑ Hard disk space: 750 MB. More disk space may be required for actual vault directories, if these reside on the same computer

❑ Network connection to Servers: TCP/IP

MINIMUM SOFTWARE REQUIREMENTS

❑ Windows Server 2003 SP2 or 2003 R2 SP2 32-bit, Standard Edition or Enterprise Edition

❑ Windows Server 2003 R2 64-bit, Standard Edition or Enterprise Edition

❑ 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 Vault Sizing Guide document, available on the SmarTeam Documentation CD.
>
> **2.** For V5R18, SmarTeam's Vault Server can be used for demo purposes on machines which are 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 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 each of the Vault, Workflow and Session/Configuration services on a different server machine.

SESSION / CONFIGURATION SERVICES

MINIMUM HARDWARE REQUIREMENTS

❑ Dual CPU Xeon DP1.8 GHz or higher

❑ Memory: 1 GB or higher

❑ Hard disk space: 750 MB

❑ Network connection to Servers: TCP/IP

MINIMUM SOFTWARE REQUIREMENTS

❑ Windows Server 2003 SP2 or 2003 R2 SP2 32-bit, Standard Edition or Enterprise Edition

❑ Microsoft Windows Server 2003 R2 64-bit, Standard Edition or Enterprise Edition

SMARTEAM – WORKFLOW SERVER

MINIMUM HARDWARE REQUIREMENTS

❑ Dual CPU Xeon DP1.8 GHz or higher

❑ Memory: 1 GB RAM or higher

❑ Hard disk space: 750 MB

MINIMUM SOFTWARE REQUIREMENTS

❑ 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

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

❑ Windows Server 2003 SP2 or 2003 R2 SP2 32-bit, Standard Edition with IIS 6.0 (32-bit)

> **IMPORTANT**: The Full Text Search database search capability is supported only within Microsoft SQL Server or Oracle, according to SmarTeam supported database versions.

❑ 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

SMARTEAM PRODUCTS

SMARTEAM – EDITOR

WINDOWS:

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 (including 64-bit)

- ❏ Windows Server 2003 SP2 or 2003 R2 SP2 32-bit, Standard Edition or Enterprise Edition

- ❏ Microsoft Windows Server 2003 R2 64-bit, Standard Edition or Enterprise Edition

- ❏ SmarTeam – Editor includes Microsoft Word and Excel integrations. Both integrations support Word and Excel in versions:

  - o 2003 SP2

  - o 2007

- ❏ For sending email messages from SmarTeam – Editor, Microsoft Outlook 2003 SP1, 2003 SP2, 2007 and Lotus Notes 6.5 and 7 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.

WEB (SMARTEAM – WEB EDITOR)

MINIMUM HARDWARE REQUIREMENTS

Server

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

- ❏ Dual CPU, Xeon DP1.8 GHz or higher

- ❏ Memory: 4 GB RAM or higher

- ❏ Hard disk space: 750 MB - additional disk space may be required for temporary files

- ❏ 100 MB/sec NIC or higher

MINIMUM SOFTWARE REQUIREMENTS

Client

Operating Systems

❑ Microsoft Windows XP Professional SP2

❑ AIX 5.3

❑ HP-UX 11i

❑ Enterprise Red-Hat Linux 4

❑ Novell (SUSE) Linux Desktop 9

Web Browsers

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

❑ IBM AIX: Mozilla 1.7

❑ HP-UX: Mozilla 1.7

❑ Linux : Mozilla 1.7

Other

❑ For Windows: Sending email messages from SmarTeam – Web Editor, Microsoft Outlook 2003 SP1, 2003 SP2, 2007 and Lotus Notes 6.5 and 7 are supported.

❑ For performing different actions on the client machine, the following Java Plug-in should be used:

      o Windows: 1.5.0_10 and 1.6.0_00
      o AIX: 1.5
      o HP: 5.0.01
      o Linux: 1.5.0_06 – 1.5.0_11

Notes:

1. The DS viewer is supported on Windows, AIX, and HP-UX OS only.

2. The eDrawings viewer is supported on Windows OS only.

Server

❑ Windows Server 2003 SP2 or 2003 R2 SP2 32-bit, Standard Edition or Enterprise Edition

❑ Microsoft Windows Server 2003 R2 64-bit, Standard Edition or Enterprise Edition

❑ Web Server: Microsoft Internet Information Services 6.0 (32-bit) 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 V5R18

❑ Local or network access to SmarTeam – Web Viewer

> Notes:
>
> 1. For additional information regarding requirements and recommendations for deploying SmarTeam – Web Editor/Navigator, refer to <u>Recommendations and Guidelines for Deploying SmarTeam Web Products</u> located on the SmarTeam support site.
>
> 2. 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.
>
> 3. For V5R18, 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.

SMARTEAM – NAVIGATOR

MINIMUM HARDWARE REQUIREMENTS

As specified for SmarTeam – Editor (Web) Minimum Hardware Requirements

MINIMUM SOFTWARE REQUIREMENTS

As specified for SmarTeam – Editor (Web) Minimum Software Requirements

SMARTEAM – BOM

MINIMUM HARDWARE REQUIREMENTS

As specified for <u>SmarTeam – Editor</u>

MINIMUM SOFTWARE REQUIREMENTS

As specified for <u>SmarTeam – Editor</u>

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

SMARTEAM – PROGRAM MANAGEMENT

MINIMUM HARDWARE REQUIREMENTS

Client

As specified for <u>SmarTeam – Editor</u>.

MINIMUM SOFTWARE REQUIREMENTS

Client

❑ As specified for <u>SmarTeam – Editor</u>.

❑ For Project Mangers; MS-Project® 2003 Service Pack 2 must also be installed.

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

SMARTEAM – COMMUNITY WORKSPACE

MINIMUM HARDWARE REQUIREMENTS

Server

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

- ❑ Dual CPU, Xeon DP1.8 GHz or higher
- ❑ Memory: 1GB RAM or higher
- ❑ Hard disk space: 750 MB. Additional disk space may be required for temporary files.
- ❑ 100 MB/sec NIC or higher

MINIMUM SOFTWARE REQUIREMENTS

Client

Operating Systems

- ❑ Microsoft Windows XP Professional SP2

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 SP1, 2003 SP2 and 2007 are supported.
- ❑ For performing different actions on the client machine, for Windows the Java Plug-in 5.0 1.5.0_06 – 1.5.0_11 is required.

Server

- ❑ Windows Server 2003 SP2 or 2003 R2 SP2 32-bit, Standard Edition or Enterprise Edition
- ❑ Microsoft Windows Server 2003 R2 64-bit, Standard Edition or Enterprise Edition
- ❑ Web Server: Microsoft Internet Information Services 6.0 (32-bit) for Windows Server 2003

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

- ❑ Internet Protocol (TCP/IP) with permanent IP address

❑ Microsoft Internet Explorer 6.0 SP1, 6.0 SP2 and 7.0

❑ Database client

❑ Local or remote access to the SmarTeam Web Viewer Server (for viewing)

❑ SmarTeam – Editor V5R18

Note: For V5R18, 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.

SMARTEAM – WEB VIEWER SERVER

MINIMUM HARDWARE REQUIREMENTS

❑ Dual Xeon DP1.8 GHz or higher

❑ Memory: 1 GB RAM or higher

❑ Hard disk space: 1 GB - additional disk space may be required for temporary files

❑ 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

❑ Windows Server 2003 SP2 or 2003 R2 SP2 32-bit, Standard Edition or Enterprise Edition

❑ Windows Server 2003 R2 64-bit, Standard or Enterprise addition.

❑ Microsoft Internet Information Services 6.0 (32-bit) for Windows 2003

❑ Internet Protocol (TCP/IP) with permanent IP address

❑ Microsoft Internet Explorer 6.0 SP1, 6.0 SP2 and 7.0

DS VIEWER SERVER

MINIMUM HARDWARE REQUIREMENTS

Server

❑ Dual CPU, Xeon DP1.8 GHz or higher

❑ Memory: 4 GB RAM or higher

❑ Hard disk space: 750 MB - additional disk space may be required for temporary files

❑ 100 MB/sec NIC or higher

MINIMUM SOFTWARE REQUIREMENTS

❑ Windows Server 2003 SP2 or 2003 R2 SP2 32-bit, Standard Edition or Enterprise Edition

❑ Microsoft Windows Server 2003 R2 64-bit, Standard Edition or Enterprise Edition

❑ Web Server: Microsoft Internet Information Services 6.0 (32-bit) for Windows Server 2003

❑ 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 V5R18

❑ Local or network access from SmarTeam – Web Server and/or SmarTeam – Editor clients

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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.

SMARTEAM – MULTI SITE

CLIENT (ADMIN/ RUN TIME)

MINIMUM HARDWARE REQUIREMENTS

❑ As specified for SmarTeam – Editor.

MINIMUM SOFTWARE REQUIREMENTS

❑ As specified for SmarTeam – Editor. The Administration Tools can be installed only on Server operating systems.

SERVER DATABASE REPLICATION

MINIMUM HARDWARE REQUIREMENTS

❑ Dual Xeon DP1.8 GHz or higher

❑ Memory: 1 GB RAM or higher

❑ 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

❑ 10g R2 and its prerequisites

Notes:

1. The Database Replication mechanism is currently available on Oracle only.

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2. A professional Database Administrator (DBA) with knowledge of Oracle Replication is required onsite for installation and ongoing maintenance. The implementation of this product requires prior SmarTeam certification.

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

❑ 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.

❑ Dual CPU Xeon DP1.8 GHz or higher

❑ Memory: 1 GB RAM or higher

❑ 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 2.4), 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

SMARTEAM – MULTI SITE VAULT

CLIENT (ADMIN/ RUN TIME)

MINIMUM HARDWARE REQUIREMENTS

❑ As specified for SmarTeam – Editor.

MINIMUM SOFTWARE REQUIREMENTS

❑ As specified for SmarTeam – Editor. The Administration Tools can be installed only on Server operating systems.

VAULT REPLICATION

MINIMUM HARDWARE REQUIREMENTS

❑ 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.

❑ Dual CPU Xeon DP1.8 GHz or higher

❑ Memory: 1 GB RAM or higher

❑ 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) or Repliweb RDS

1. **DFS:** In order to activate a working DFS Replication system between the Vault sites:

   o All Storage machines must run Windows Server 2003 R2 Operating System.

   o The Network Topology must have an Active directory and a Domain Controller.

   o All Storage Machines on all sites must be in the same forest. You cannot enable replication across servers in different forests.

   o 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.

   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:**

   o A server named RDS (RDS 2.4), which is used to replicate files between sites.

   o 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

SMARTEAM – 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

❑ SmarTeam – Editor V5R18

❑ Choice of integration middleware:

- o IBM WebSphere

  - ▪ For message-based integration, IBM WebSphere MQ, Version 5.3 or higher

  - ▪ For BI broker-based integration, IBM WebSphere Business Integration Server, Enterprise, V4.3 rely on IBM WebSphere Business Integration Adapter Framework, Version 2.6.0

  For additional details on WBI or WMQ and their prerequisites, refer to: www.ibm.com/software/integration

Or

- o 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 or WBI) is required for implementation.
3. The implementation of this product also requires prior SmarTeam certification.

SMARTEAM – WORKFLOW

Client

MINIMUM HARDWARE REQUIREMENTS

As specified for [SmarTeam – Editor](#)

MINIMUM SOFTWARE REQUIREMENTS

As specified for [SmarTeam – Editor](#) and its prerequisites

SMARTEAM – CATIA INTEGRATION

MINIMUM HARDWARE REQUIREMENTS

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

MINIMUM SOFTWARE REQUIREMENTS

❑ SmarTeam – Editor V5R18 and its prerequisites, see [Minimum Software Requirements](#)

❑ CATIA and ENOVIA DMU Navigator V5R16 or V5R17 or V5R18

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

SMARTEAM – CATIA SUPPLY CHAIN ENGINEERING EXCHANGE

MINIMUM HARDWARE REQUIREMENTS

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

MINIMUM SOFTWARE REQUIREMENTS

❑ SmarTeam – Editor V5R18 and its prerequisites, see [Minimum Software Requirements](#)

❑ CATIA and ENOVIA DMU Navigator V5R16 or V5R17 or V5R18

❑ SmarTeam – CATIA Integration V5R18

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

SMARTEAM – CATIA WEB INTEGRATION

MINIMUM HARDWARE REQUIREMENTS

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

MINIMUM SOFTWARE REQUIREMENTS

Operating Systems:

❑ Microsoft Windows XP Professional SP2

❑ Windows XP Professional x64 Edition
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

Other:

❑ CATIA and ENOVIA DMU Navigator V5R18

❑ Web Browser: Microsoft Internet Explorer 6.0 SP1, 6.0 SP2 and 7.0 (32-bit)

❑ Connection to a SmarTeam Web Server V5R18

❑ 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.

SMARTEAM – SE INTEGRATION

MINIMUM HARDWARE REQUIREMENTS
As specified for SmarTeam – Editor

MINIMUM SOFTWARE REQUIREMENTS

❑ SmarTeam – Editor V5R18, and its prerequisites, see Minimum Software Requirements

❑ Solid Edge V19

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

SMARTEAM – SOLIDWORKS INTEGRATION

MINIMUM HARDWARE REQUIREMENTS
As specified for SmarTeam – Editor

MINIMUM SOFTWARE REQUIREMENTS

❑ SmarTeam – Editor V5R18, and its prerequisites, see Minimum Software Requirements

❑ SolidWorks 2007 SP3

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

SMARTEAM – AC INTEGRATION

MINIMUM HARDWARE REQUIREMENTS

As specified for <u>SmarTeam – Editor</u>

MINIMUM SOFTWARE REQUIREMENTS

❑ SmarTeam – Editor V5R18, and its prerequisites, see <u>Minimum Software Requirements</u>

❑ AutoCAD and AutoCAD Mechanical 2008

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

SMARTEAM – IN INTEGRATION

MINIMUM HARDWARE REQUIREMENTS

As specified for <u>SmarTeam – Editor</u> (EDR)

MINIMUM SOFTWARE REQUIREMENTS

❑ SmarTeam – Editor V5R18, and its prerequisites, see <u>Minimum Software Requirements</u>

❑ Inventor 2008

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

SMARTEAM – REGULATORY COMPLIANCE FRAMEWORK

MINIMUM HARDWARE REQUIREMENTS

As specified for <u>SmarTeam – Editor</u>

MINIMUM SOFTWARE REQUIREMENTS

❑ SmarTeam – Editor V5R18, and its prerequisites, see <u>Minimum Software Requirements</u>

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

SMARTEAM – JOB SERVER

MINIMUM HARDWARE REQUIREMENTS

As specified for <u>SmarTeam – Editor</u>

MINIMUM SOFTWARE REQUIREMENTS

❑ SmarTeam – Editor V5R18, and its prerequisites, see <u>Minimum Software Requirements</u>

❑ Windows Server 2003 SP2 or 2003 R2 SP2 32-bit, Standard Edition or Enterprise Edition with IIS 6.0, for SMTP email services

❑ Microsoft Windows Server 2003 R2 64-bit, Enterprise or Standard Edition with IIS 6.0, for SMTP email services

❑ Authoring software for printing / silent release (Microsoft Word and Excel, AutoCAD, SolidWorks in their supported versions)

SMARTEAM – DEVELOPMENT SUITE

MINIMUM HARDWARE REQUIREMENTS

❑ As specified for SmarTeam – Editor

❑ For i-Platform Server component:

- o Dual CPU, Xeon DP 1.8 GHz or higher

- o Memory: 1GB RAM or higher

- o Hard disk space: 750 MB

- o 10/100 Mb/sec NIC or higher

MINIMUM SOFTWARE REQUIREMENTS

i-Platform SDK Component:

Client

- o A Java development environment compatible with JDK 1.3 is required to use the supplied libraries and samples

Server

- o Microsoft Windows Server 2003 SP1 or 2003 R2 (including 64-bit) Enterprise Edition or Standard

- o Microsoft Internet Information Services 6.0

- o SmarTeam – Editor V5R18

SmartIXF SDK Component:

- o Windows Server 2003 SP2 or 2003 R2 SP2 32-bit, Standard Edition or Enterprise Edition

- o Microsoft Windows Server 2003 R2 64-bit, Standard Edition or Enterprise Edition

- o Microsoft Windows XP Professional SP2

RELEASE SUPPORTED DATABASE SERVERS

- ❑ IBM DB2 8.2.4

- ❑ IBM DB2 8.1 with FixPak 11

- ❑ Oracle 10g R2

- ❑ Microsoft SQL Server 2005 SP2

- ❑ 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-306.ibm.com/software/data/db2/

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

ADDITIONAL SOFTWARE REQUIREMENTS

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-4.ibm.com/software/is/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:

❑ IBM Tivoli Directory Server 5.2 and 6.0

❑ Microsoft Active Directory

❑ SUN Java System Directory Server Enterprise Edition 5.2

❑ Novell eDirectory 8.7.3

64-BIT ENVIRONMENT

All SmarTeam products can run as 32-bit applications in a 64-bit environment except for the following:

❑ SmarTeam – CATIA Integration: I**mpact Analysis** is not supported in a 64-bit environment.

❑ SmarTeam – CATIA Web Integration: This product can only run as a 64-bit application in a 64-bit environment.
Note: In order to work with SmarTeam – CATIA Web Integration in a 64-bit environment correctly, you must use a 32-bit internet explorer.

Supported Hardware and Operating Systems:

❑ Windows XP Professional x64 Edition

❑ Windows 2003 R2 x64

❑ INTEL EM64T or AMD Opteron 64