



ENOVIA SmarTeam

**Client Components Installation
Guide**

for

SmarTeam CATIA Integration

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Chapter 1: Introduction

Overview

This guide provides all the information necessary for the installation of SmarTeam - Client Components software

Software Location

The installation procedures described is for the following document SmarTeam - Client Components software, which is available on the SmarTeam DVD.

Supported Browsers

The SmarTeam - Client Components software uses the Windows base embedded instance of Internet Explorer.

Internet Site

You are highly recommended to frequently visit our website for the latest updates and plug-in products, including the latest Service Packs, Program Directory (Release Notes), Hotfixes and technical support at <http://www.3ds.com/support/>.

In addition, you will also be able to view any installation known issues.

Chapter 2: Installation Checklist

You must complete all the stages in this checklist to successfully install SmarTeam – Client Components.

*Requirement: M = Mandatory, O = Optional.

<input type="checkbox"/>	Item	M/O*	Reference
Stage 1: Pre-Installation			
<input type="checkbox"/>	Verify that your Hardware & Software meet the requirements	M	Hardware and Software Requirements Guide
<input type="checkbox"/>	Check for any additional prerequisites on the SmarTeam Web Site	M	Release Notes of Latest Service Pack in the Release or SmarTeam Support Site ,
Stage 2: Installation Process			
<input type="checkbox"/>	Run SmarTeam – Client Components Installation	M	Installation Process

Chapter 3: System Requirements & Pre-Installation

Hardware and Software Requirements

Refer to the Client Components section of the Hardware and Software Requirements document. This document describes the SmarTeam – Client Components installation system requirements.

It is recommended to install SmarTeam – Client Components software in a windows environment.

- **OS:** Windows 2003 server SP1, R2, Windows XP professional SP2 or Windows 2000 Professional SP4
- **SP1 and SP2:** Note, that officially Windows XP professional is not supported by SmarTeam, please refer to the 'Hardware & Software Requirements' doc for details
- **Web Browser:** Internet Explorer (IE) 6.0 or higher

For a detailed description of all the requirements, refer to the Hardware and Software Requirements document.

System Requirements

Recommended system requirements necessitate sizing the specific customer configuration. Please contact the SmarTeam support team to obtain the most recent metrics, test results and recommendations.

Order of Installation

Refer to [Chapter 2, Installation Checklist](#) for a detailed list of all the steps that need to be performed.

The installation procedure is split into two stages:

Stage 1: Pre-Installation (this chapter)

Stage 2: Installation Process ([Chapter 4, SmarTeam – Client Components Windows Installation](#))

For a successful installation you must complete one stage before preceeding to the next stage.

What Next

After performing all required configurations for your environment, you can now proceed to install your SmarTeam – Client Components software:

SmarTeam – Client Components Installation - proceed to [Chapter 4](#)

Chapter 4: SmarTeam – Client Components Windows Installation

This chapter provides a step-by-step description of the installation process for installing the SmarTeam – Client Components software.

Buttons

These buttons are available at the bottom of the installation windows:

- **Next:** Confirms your selection in the current window and proceeds to the next window
- **Back:** Allows you to return to the previous window
- **Cancel:** Allows you to abort the installation setup program without installing the SmarTeam – Client Components software.

Before Installing:

- Make sure that you have administrator permissions
- Close all other applications on the computer.

Notes:

- If the installation process does not support your Operating System (OS), this message will be displayed:
"The Operating System configuration does not meet the minimum requirements for this type of installation. Please refer to the SmarTeam Hardware and Software Requirements Guide for more information. Would you like to continue with the installation anyway?"
- To run SmarTeam installation as a different user than the currently-logged on user, you can use **Run As** option.
 - a Right click **Install.exe**
 - b Select **Run as**
 - c In the **Run As** window select **The following user** radio button
 - d Enter **Administrator user name** and **password**
 - e Click **OK**

Installation Process

Insert the SmarTeam CD-ROM containing SmarTeam Client Components software in the CD-ROM drive.

- 1 Click the **SmarTeam Client Components** option to install the SmarTeam Client Components software.
or
Click **Exit** to abort the installation.



The SmarTeam Client Components installation application is launched automatically and appears on your screen, as illustrated, to take you through the software installation process.

Note: If the installation program does not appear on your screen, from the taskbar, click on **Start** and select **Run** to open the Run utility. In the Run Open line type **D:\install.exe** to run the installation setup program (where D denotes the CD ROM drive in which the SmarTeam CD-ROM is inserted.)

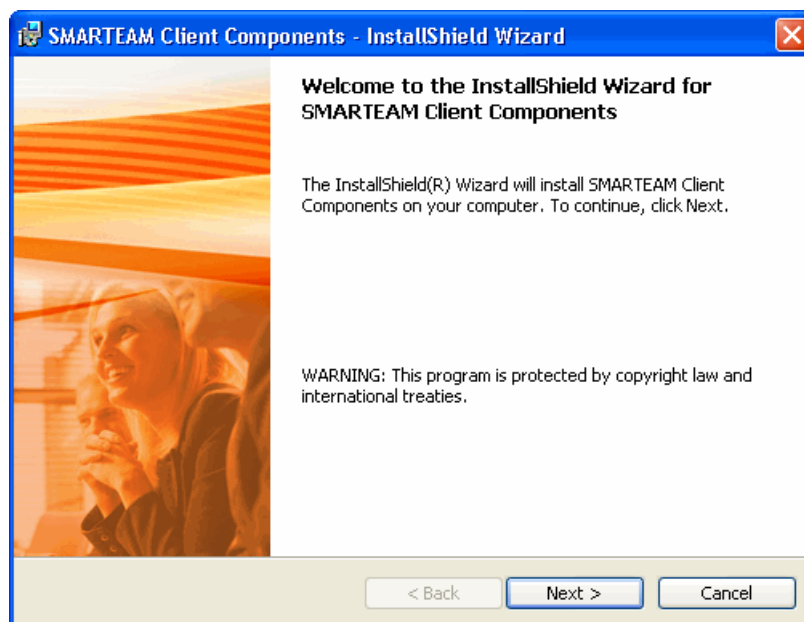
- Click **Exit** to leave the installation setup utility without installing SmarTeam Client Components software.
- 2 Depending on your system, choose either the **SMARTEAM Client Components - 32 bit** system or **SMARTEAM Client Components - 64 bit system**.



The installation program is activated and the Welcome window appears.

3 After reading the contents of the Welcome window:

- Click **Next**

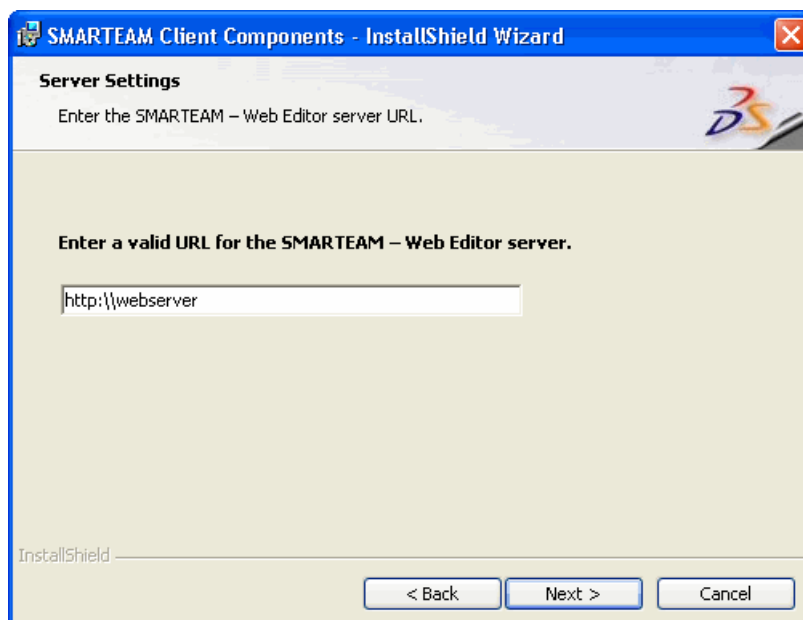


4 In the Server Settings window, personalize the program by entering your URL (e.g., <http://webserver>) for SmarTeam Web Editor.

Notes:

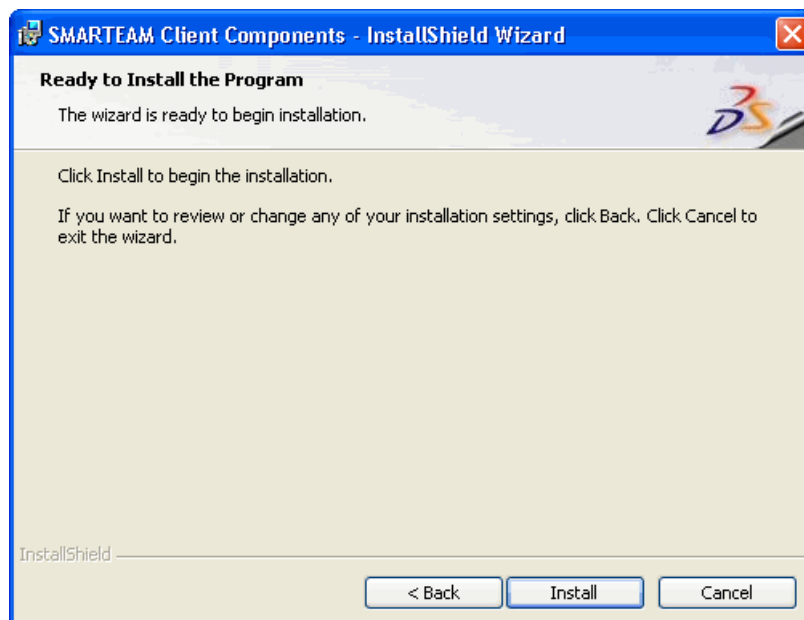
- In the Server Setting screen, proxy server settings are taken from the connection settings of Microsoft® Internet Explorer.

- In cases where you need to implement Microsoft Windows authentication with CATIA Web Integration, use the IP address instead of the server name.

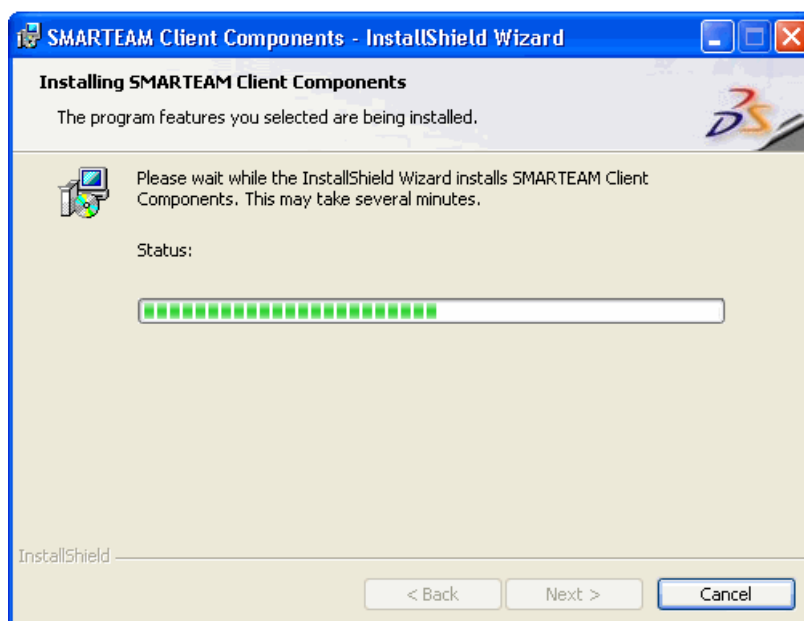


5 In the Ready to Install window:

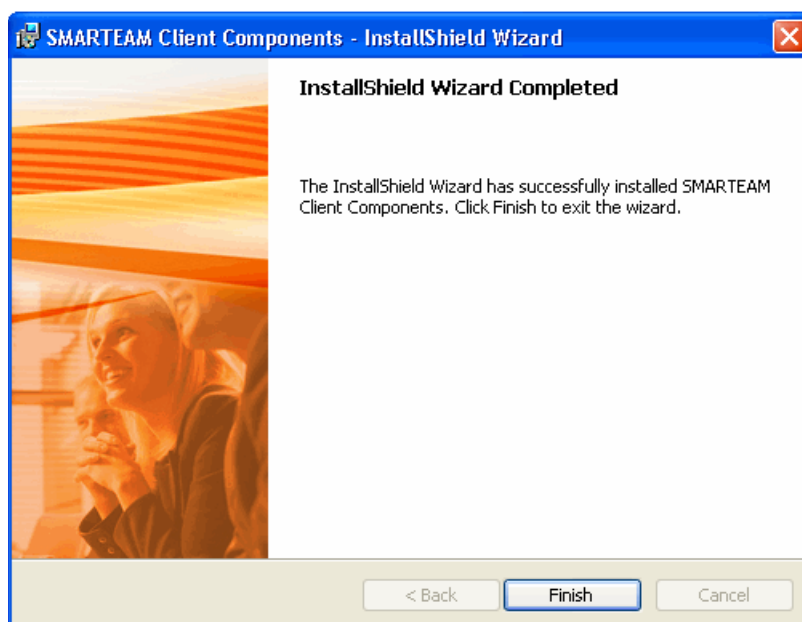
- Click **Next**



The Installing SmarTeam Client Components Status graphics bar window shows the progress of the installation process.



- 6 After successful installation, the SmarTeam – Foundation InstallShield Wizard Complete window appears:



The SmarTeam Client Components installation is now complete.

Chapter 5: SmarTeam – Client Components Silent Installation

Overview

This document shows how to use the Windows Installer to perform a silent installation of the SmarTeam – Client Components.

The Windows Installer performs a command-line based installation without requiring any user interface dialogs. This allows an administrator to use a script to install SmarTeam – Client Components automatically for a group of computers.

Section 2 defines the options and properties that can be used in the command-line installation commands.

Section 3 presents some common command-line installation scenarios.

SmarTeam – Client Components (32 bit)

Command-Line Operation

This section describes how to formulate a command-line command, including how to specify command-line options and properties.

Command-Line Format

Browse to the Setup folder. The general format of a command-line command is:

```
<Setup folder>\Setup.exe /s /v "<installation_flags>  
<commandLine_Properties> <ADDLOCAL_values>"
```

The relevant options are described in detail in the sections below.

Note: When you use setup.exe to run the installation in silent mode, every back-slash "\" must appear in the command line script as a double back-slash. For example, the INSTALLDIR parameter must look like this: **INSTALLDIR="C:\\Program Files\\SmarTeam"**

Installation Flags

The recommended flags for installation are:

1. /qb : Installation will present a progress bar during the silent installation process, which disappears once the installation is complete.
2. /L*v : Installation logging will be written to a log file in the location specified after this flag.

For example: using this flag as follows: /L*v"%temp%\InstallIdentifier.log", the installation will reproduce a log file named "InstallIdentifier.log" in the %temp% folder of the local machine.

An example with both flags:

```
/qb /L*v"%temp%\InstallIdentifier.log"
```

Complete detailed information about these options and more can be found at:

<http://msdn2.microsoft.com/en-us/library/aa367988.aspx>

Command-Line Properties

Properties are global variables that Windows® Installer uses during an installation. This section lists the command-line properties that can be used. Each set of properties corresponds to a dialog in the user-interface based installation. The following table shows the parameter, description and the corresponding dialog name.

GUI Dialog	Property	Value	Description
Customer Information	USERNAME	Registered user name for the application	Installer's user name
	COMPANYNAME	Registered company name	Installer's organization
	ALLUSERS	Options: ALLUSERS parameter omitted: ALLUSERS Per-user installation using folders in user's personal profile. (Installation works only for that user.) ALLUSERS =1 Per-machine installation using folders in "All Users" profile. (Installation works for all users on the machine.)	Administrator access privileges. ALLUSERS property determines if the installation is per-user or per-machine.
Destination Folder	INSTALLDIR	Directory name	Full path of the target installation directory in which to install the application. This Property is only required when SmarTeam is not installed on the machine. Note: This has to be the last property in the command line
Web Information	WED_SERVER	A URL for the SMARTEAM - Web Editor server.	URL of SmarTeam - Web Editor Server. URL format example: http://<Web server name>

Values for ADDLOCAL Parameter

The following parameter values can be used for the ADDLOCAL All parameters listed in the Parameter column (see table) are case-sensitive.

Type of Service	Parameter
SmarTeam - Client Components	Client_Libraries

Silent Installation Example (Cut and Paste)

1. Installing SmarTeam - Client Components on a machine without SmarTeam Installed:

Open Start -> Run or Command Prompt window (cmd.exe) and run following line:

```
<Setup folder> is <installation location or CD>\SMARTEAM Client
Components\setup.exe\setup.exe /s /v"/qb /L*v
%temp%\SMARTEAM_Client_Components.log USERNAME=<Installer's user name>
COMPANYNAME=<Installer's organization> ALLUSERS=1 WED_SERVER=<URL of
SmarTeam - Web Editor Server> ADDLOCAL=Client_Libraries INSTALLDIR=<Full
Path to Application folder>"
```

2. Installing SmarTeam - Client Components on a machine with SmarTeam Installed:

Open Start -> Run or Command Prompt window (cmd.exe) and run following line:

```
<Setup folder> is <installation location or CD>\SMARTEAM Client
Components\setup.exe\setup.exe /s /v"/qb /L*v
%temp%\SMARTEAM_Client_Components.log WED_SERVER=<URL of SmarTeam - Web
Editor Server> ADDLOCAL=Client_Libraries"
```

SmarTeam – Client Components Silent Installation V5R20 without Reboot

Prerequisites

Before performing the Silent Installation, install the following products on your machine.

Note: If any prerequisite prompts you to restart, perform it.

1. MSI 3.1 - run WindowsInstaller-KB893803-v2-x86.exe from DVD "Data\MSI 3.1" folder
2. DotNet 3.5 from DVD "Data\dotNET Framework installations\DotNet 3.5" folder
 - On 32 BIT machine - run dotnetfx3.exe
 - On 64 BIT machine - run dotnetfx3_x64.exe
 - After installing dot net 3.5 on not English OS please run language pack installation
 - For French OS - run dotnetfx3langpackfr.exe from DVD "Data\dotNET Framework installations\DotNet 3.5\Fr" folder
 - For German OS - dotnetfx3langpackde.exe from DVD "Data\dotNET Framework installations\DotNet 3.5\De" folder
 - For Japanese - dotnetfx3langpackjp.exe DVD "Data\dotNET Framework installations\DotNet 3.5\Jp"

3. SQLExpress 2005 (for SmDemo R19 installation only) - run SQLEXPRESS.EXE from DVD "`\Data\SQLExpress`" folder.
4. J# Redistributable (for SmarTeam DS Viewer Server only) - run vjredist.exe from CD "`SmarTeam DS Viewer Server\Data\J#\En`" folder.

After J# installation on not English OS please run language pack installation:

For French OS - run vjredist-LP.exe CD "`SmarTeam DS Viewer Server\Data\J#\Fr`"

For German OS - run vjredist-LP.exe CD "`SmarTeam DS Viewer Server\Data\J#\De`"

For Japanese - run vjredist-LP.exe CD "`SmarTeam DS Viewer Server\Data\J#\Ja`"

Notes:

- Verify that all prerequisites were installed on your machine.
- For all ENOVIA SmarTeam products other than SmarTeam – Editor, run msi file - **<Product Name>.msi** as described in the installation guides for each product. To suppress reboot, add **REBOOT=ReallySuppress** property when running msi in the silent mode. The property REBOOT=ReallySuppress is not valid for SmarTeam – Web Viewer installation, because it is not a msi project.

Example:

Run the full SmarTeam – Foundation Silent installation using **msiexec.exe** utility and suppress reboot after installation:

```
msiexec /I "<path to SMARTEAM - Foundation.msi >" /qb /L*v c:\FDN.log
SM_LUM_LOCAL_NETWORK=Network SM_LUM_SERVER_LOCATION=diffusion02
SM_SETUP_LANGUAGE=English
ADDLOCAL=SmarTeam_SDK,SmarTeam,SmarTeamCore,Smart_Service,Vault_Server,SmartFlow_Server,FTS_Server
ALLUSERS=1 USER_NAME=<full username> USER_PASSWORD=<password>
REBOOT=ReallySuppress INSTALLDIR="c:\program files\SmarTeam"
```

SmarTeam – Client Components (64 bit)

Command-Line Operation

This section describes how to formulate a command-line command, including how to specify command-line options and properties.

Command-Line Format

Browse to the Setup folder. The general format of a command-line command is:

```
<Setup folder>\Setup.exe /s /v "<installation_flags>
<commandLine_Properties> <ADDLOCAL_values>"
```

The relevant options are described in detail in the sections below.

Note: When you use setup.exe to run the installation in silent mode, every back-slash "\" must appear in the command line script as a double back-slash. For example, the INSTALLDIR parameter must look like this: **INSTALLDIR="C:\\Program Files\\SmarTeam"**

Installation Flags

The recommended flags for installation are:

1. /qb : Installation will present a progress bar during the silent installation process, which disappears once the installation is complete.
2. /L*v : Installation logging will be written to a log file in the location specified after this flag.

For example: using this flag as follows: /L*v"%temp%\\InstallIdentifier.log", the installation will reproduce a log file named "InstallIdentifier.log" in the %temp% folder of the local machine.

An example with both flags:

```
/qb /L*v"%temp%\\InstallIdentifier.log"
```

Complete detailed information about these options and more can be found at:

<http://msdn2.microsoft.com/en-us/library/aa367988.aspx>

Command-Line Properties

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Destination Folder	INSTALLDIR	Directory name	Full path of the target installation directory in which to install the application. This Property is only required when SmarTeam is not installed on the machine. Note: This has to be the last property in the command line
Web Information	WED_SERVER	A URL for the SMARTEAM - Web Editor server.	URL of SmarTeam - Web Editor Server. URL format example: http://<Web server name>

Values for ADDLOCAL Parameter

The following parameter values can be used for the ADDLOCAL All parameters listed in the Parameter column (see table) are case-sensitive.

Type of Service	Parameter
SmarTeam - Client Components 64 bit	Client_Libraries

Silent Installation Example (Cut and Paste)

1. Installing SmarTeam - Client Components on a machine without SmarTeam Installed:

Open Start -> Run or Command Prompt window (cmd.exe) and run following line:

```
<Setup folder> is <installation location or CD>\SMARTTEAM Client
Components\setup.exe /s /v"/qb /L*v %temp%\SMARTTEAM_Client_Components.log
USERNAME=<Installer's user name> COMPANYNAME=<Installer's organization>
ALLUSERS=1 WED_SERVER=<URL of SmarTeam - Web Editor Server>
ADDLOCAL=Client_Libraries INSTALLDIR=<Full Path to Application folder>"
```

2. Installing SmarTeam - Client Components on a machine with SmarTeam Installed:

Open Start -> Run or Command Prompt window (cmd.exe) and run following line:

```
<Setup folder> is <installation location or CD>\SMARTTEAM Client
Components\setup.exe /s /v"/qb /L*v %temp%\SMARTTEAM_Client_Components.log
WED_SERVER=<URL of SmarTeam - Web Editor Server>
ADDLOCAL=Client_Libraries"
```

SmarTeam – Client Components Silent Installation V5R20 without Reboot

Prerequisites

Before performing the Silent Installation, install the following products on your machine.

Note: If any prerequisite prompts you to restart, perform it.

1. MSI 3.1 - run WindowsInstaller-KB893803-v2-x86.exe from DVD "Data\MSI 3.1" folder
2. DotNet 3.5 from DVD "Data\dotNET Framework installations\DotNet 3.5" folder

On 32 BIT machine - run dotnetfx3.exe

On 64 BIT machine - run dotnetfx3_x64.exe

After installing dot net 3.5 on not English OS please run language pack installation

For French OS - run dotnetfx3langpackfr.exe from DVD "Data\dotNET Framework installations\DotNet 3.5\Fr" folder

For German OS - dotnetfx3langpackde.exe from DVD "Data\dotNET Framework installations\DotNet 3.5\De" folder

For Japanese - dotnetfx3langpackjp.exe DVD "Data\dotNET Framework installations\DotNet 3.5\Jp"

3. SQLExpress 2005 (for SmDemo R19 installation only) - run SQLEXPRESS.EXE from DVD "`\Data\SQLExpress`" folder.
4. J# Redistributable (for SmarTeam DS Viewer Server only) - run vjredist.exe from CD "`SmarTeam DS Viewer Server\Data\J#\En`" folder.

After J# installation on not English OS please run language pack installation:

For French OS - run `vjredist-LP.exe CD "SmarTeam DS Viewer Server\Data\J#\Fr"`

For German OS - run `vjredist-LP.exe CD "SmarTeam DS Viewer Server\Data\J#\De"`

For Japanese - run `vjredist-LP.exe CD "SmarTeam DS Viewer Server\Data\J#\Ja"`

Notes:

- Verify that all prerequisites were installed on your machine.
- For all ENOVIA SmarTeam products other than SmarTeam – Editor, run msi file - **<Product Name>.msi** as described in the installation guides for each product. To suppress reboot, add **REBOOT=ReallySuppress** property when running msi in the silent mode. The property **REBOOT=ReallySuppress** is not valid for SmarTeam – Web Viewer installation, because it is not a msi project.

Example:

Run the full SmarTeam – Foundation Silent installation using **msiexec.exe** utility and suppress reboot after installation:

```
msiexec /I "<path to SMARTEAM - Foundation.msi >" /qb /L*v c:\FDN.log
SM_LUM_LOCAL_NETWORK=Network SM_LUM_SERVER_LOCATION=diffusion02
SM_SETUP_LANGUAGE=English
ADDLOCAL=SmarTeam_SDK,SmarTeam,SmarTeamCore,Smart_Service,Vault_Server,SmartFlow_Server,FTS_Server
ALLUSERS=1 USER_NAME=<full username> USER_PASSWORD=<password>
REBOOT=ReallySuppress INSTALLDIR="c:\program files\SmarTeam"
```