

Requirement Management

- RM9 -



Installation Guide – V1

BPA Delivery 7 for V5R19 (V5.7)

Modification Tracking

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D6W42.3	15 Oct 2008	NJZ/CBZ	Version 1 document validation
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1. Introduction

This document describes the installation procedure for the Requirement Management Business Process Solution.

This document is divided into the following sections:

- Requirement Management installation
- Configuring Requirement Management
- Modifying or uninstalling Requirement Management
- Script Hooking
- Starting Requirement Management

1.1. Related Documentation

- Collaborative Systems Engineering – License Use Management (CSE_licenseUseManagement_R19D7.doc)
- Collaborative Systems Engineering – Data Model Documentation (CSE_DataModelDocumentation_R19D7.doc)
- ENOVIA SmarTeam – V5R19 Hardware and Software Requirements
- ENOVIA SmarTeam - Editor Installation Guide
- ENOVIA SmarTeam - Editor Administrator Guide
- ENOVIA SmarTeam - Editor User Guide
- ENOVIA SmarTeam - Foundation Installation Guide
- ENOVIA SmarTeam - Foundation Administrator Guide
- ENOVIA SmarTeam - Foundation User Guide

1.1.1. Definitions

Glossary

Name	Definition
BPA	Business Process Accelerator
PDIR	Program Directory
CSE	Collaborative System Engineering

Table 1 - Glossary

1.2. Prerequisite for Requirement Management Installation

1.2.1. Hardware requirements

ENOVIA SmarTeam installation is the main prerequisite for CSE installation. Refer to 'ENOVIA SmarTeam V5R19 Hardware and Software Requirements' documentation to obtain all pre requisites regarding SmarTeam.

1.2.2. *Software requirements*

ENOVIA SmarTeam installation is the main prerequisite for CSE installation. Refer to 'ENOVIA SmarTeam V5R19 Hardware and Software Requirements' documentation to obtain all pre requisites regarding SmarTeam.

The BPA Requirement Management is based on **ENOVIA SmarTeam's** advanced object oriented database capabilities and provides the overall combination of classes, objects, properties, methods, parent-child and peer to peer relationships supporting advanced Requirements Management processes.

The BPA Requirement Management requires the installation of the following ENOVIA SmarTeam components:

- ENOVIA SmarTeam SEG + Word integration

Information

The installation of the RM9 BPA requires that the following software to be installed:

Operating Systems

- Microsoft Windows XP Professional SP2

Software Requirements:

- Microsoft Office 2007 SP1
- ENOVIA SmarTeam V5R19 GA - SmarTeam Engineering configuration (SEG)
- Html2xhtml dll (provided with InfoPath 2007 Software Development Kit)
- Shall be installed for CE9 and CP9 configurations

2. Requirement Management installation

2.1. *Before Installing*

Information

If a previous version of Requirement Management BPA has been installed on the client with the Inno Setup installation package (BPA RM Delivery 1 or Delivery 2), you have to uninstall manually this version before to proceed to the installation of RM9 Delivery 7.

Notes

If you want to install Requirement Management BPA, you must install ENOVIA SmarTeam Foundation and Editor **first**.

Also, VC Redistributable should be installed first. The patch is given in User package in ToolKits.

When installing, make sure that you have administrator privileges.

Close all other applications on the computer before proceeding with the installation.

2.2. *Requirement Management package description*

2.2.1. *User package*

The user package is composed of these folders:

- Documentation (PDF documentation)
- SetUp
- ToolKits
- DB (SQL server DataBase)

2.2.2. *SetUp files*

The Requirement Management package includes:

- The Requirements Management code
- The integration and demonstration templates (WORD)
- The verification matrices templates (EXCEL)

- The application's icons and adds-on.

The setup is an InstallShield setup file containing the BPA code (dll, scripts).

2.2.3. ToolKits file

- The ToolKits folder contains VC Redistributable.

2.3. Requirement Management Installation

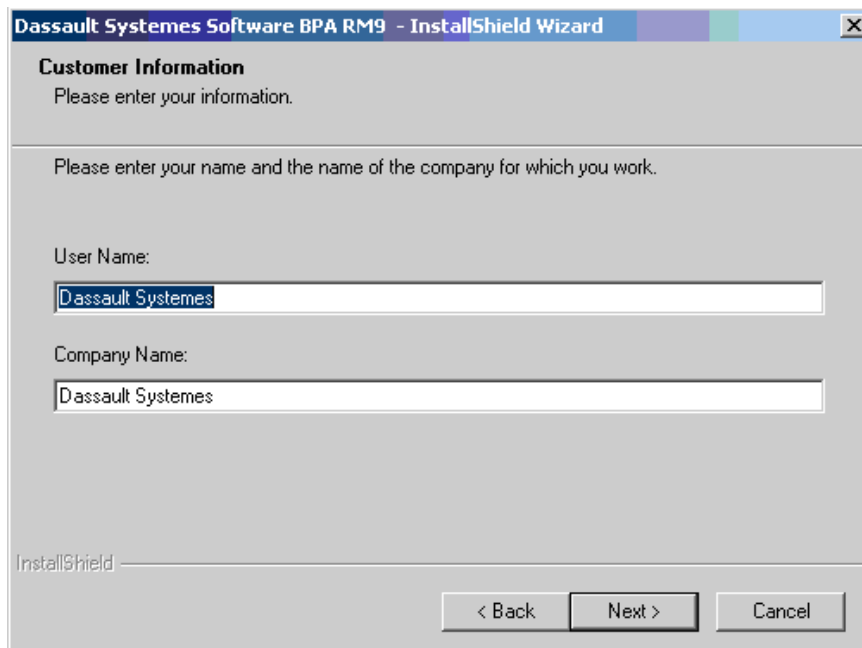
1. Launch the RM9.exe file



2. After reading the contents of the Welcome window, click "Next" to proceed to the next window Customer Information.

Note:

At any stage of the installation you may click on the Back button to review and modify your previous selection. Clicking cancel will give you the option to abort the installation, without modifying anything on the installed computer.



Dassault Systèmes Software BPA RM9 - InstallShield Wizard

Customer Information
Please enter your information.

Please enter your name and the name of the company for which you work.

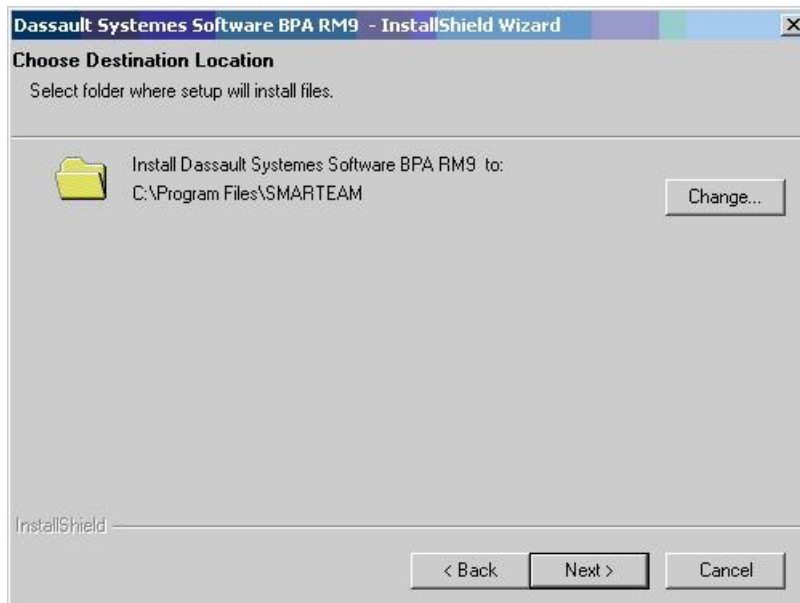
User Name:
Dassault Systèmes

Company Name:
Dassault Systèmes

InstallShield

< Back Next > Cancel

3. Destination Folder



Dassault Systèmes Software BPA RM9 - InstallShield Wizard

Choose Destination Location
Select folder where setup will install files.

Install Dassault Systèmes Software BPA RM9 to:
C:\Program Files\SMARTTEAM

Change...

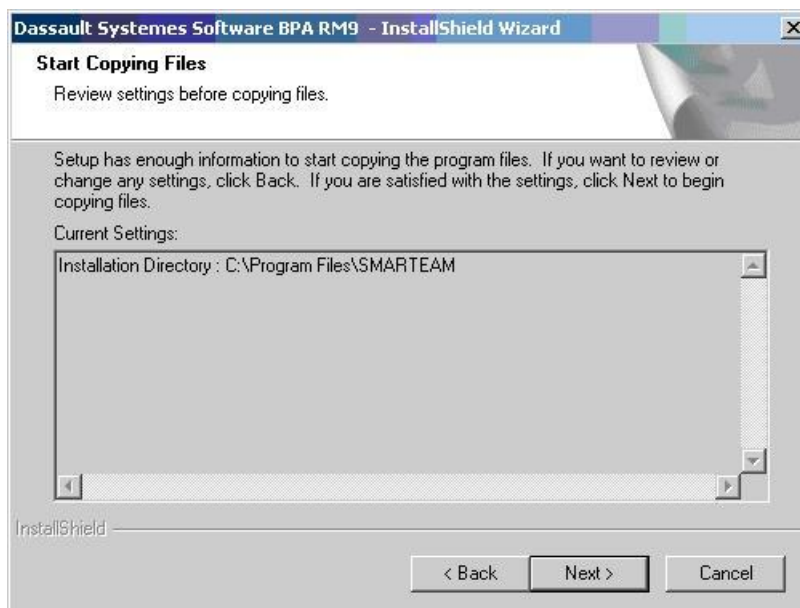
InstallShield

< Back Next > Cancel

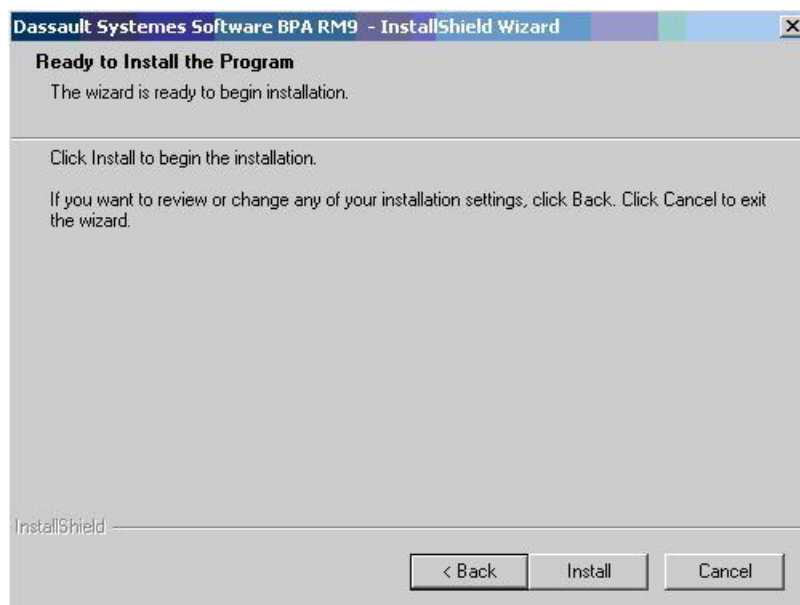
The Destination Folder area shows the destination directory for the program files. By default this path will point to the ENOVIA SmarTeam installation directory. You may specify another path by clicking on Browse and selecting a different folder.

Click on Next to proceed to the next window, copying files.

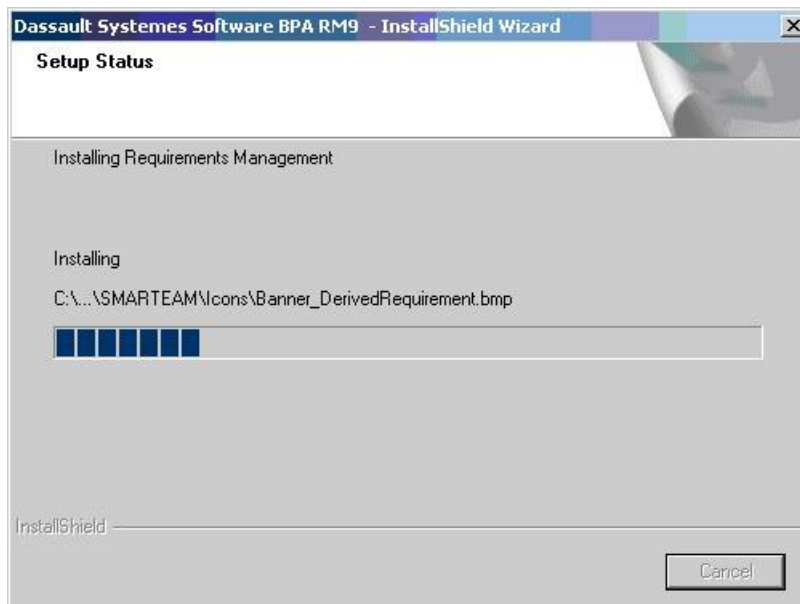
4. Copying files



Click the Next button to proceed to the next window.

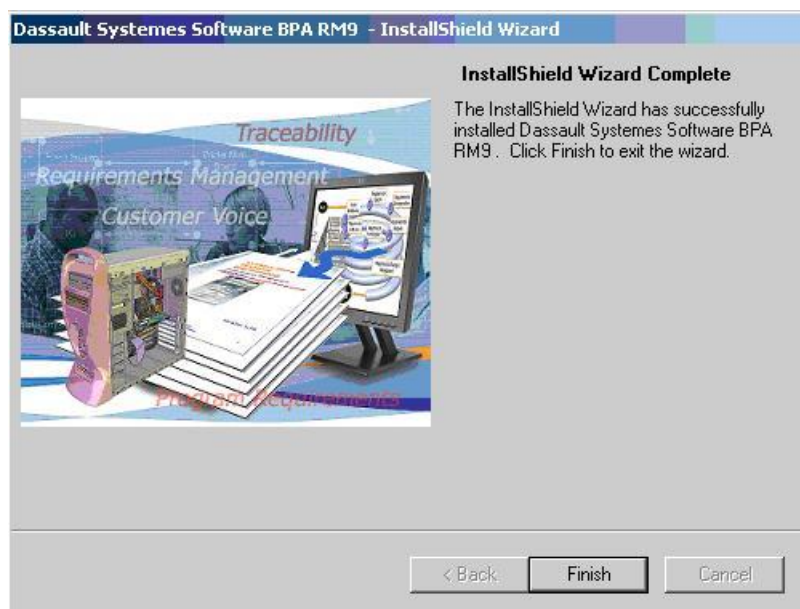


5. Click Install to proceed with the installation. Click Back to return to a specific window to review and change any incorrect settings before continuing.



6. The installation process will now copy the files into the designated folders on your computer. Progress is shown on the screen via the Setup Status graphics bar window.

7. At the end the setup window will change:



Select Finish.

The installation is now complete, please read on to view the post-installation tasks.

3. Configuring Requirement Management

3.1. Requirement Management Configuration

3.1.1. Setting the Word Integration for the BPA Requirement Management

Requirement Management module provides Word integration through a specific toolbar, used for generating documents. This integration is supported for Microsoft Office 2003 or higher.

To use these capabilities it must first be added to the word interface.

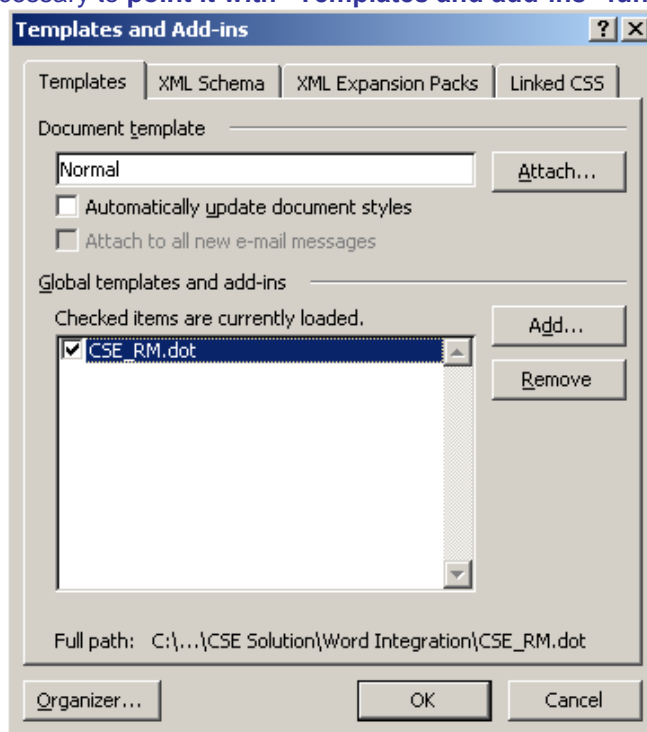
The toolbar is provided inside a word template file which is copied to the system during the installation phase. Following the installation the file can be found in the following path:

<Installation Directory>\CSE Solution\Word Integration\CSE_RM.dot

With Office 2007 installation, the file must be copied in:
<Office installation>\Office12\STARTUP\CSE_RM.dot

With Office 2003 installation, the file must be copied in :
<Office installation>\Office11\STARTUP\CSE_RM.dot

To use this toolbar, it is necessary to **point it with “Templates and add-ins” functionality.**



3.1.2. Setting the Microsoft InfoPath 2007 SDK for the html2xhtml dll

html2xhtml.dll (provided with InfoPath 2007 Software Development Kit) is not redistributable. The Microsoft InfoPath 2007 Software Development Kit doesn't register automatically the html2xhtml.dll and require manual installation on client machines.

1. Open a command DOS window and go to the directory where is located the file html2xhtml.dll;
2. Register the dll by the command:
`regsvr32 html2xhtml.dll`

3.2. Setting the licensing mechanism for Requirement Management

Ask for a license and copy or enroll licenses according to the "CSE_LicenseUseManagement_R19D7" guide.

4. Modifying or uninstalling Requirement Management

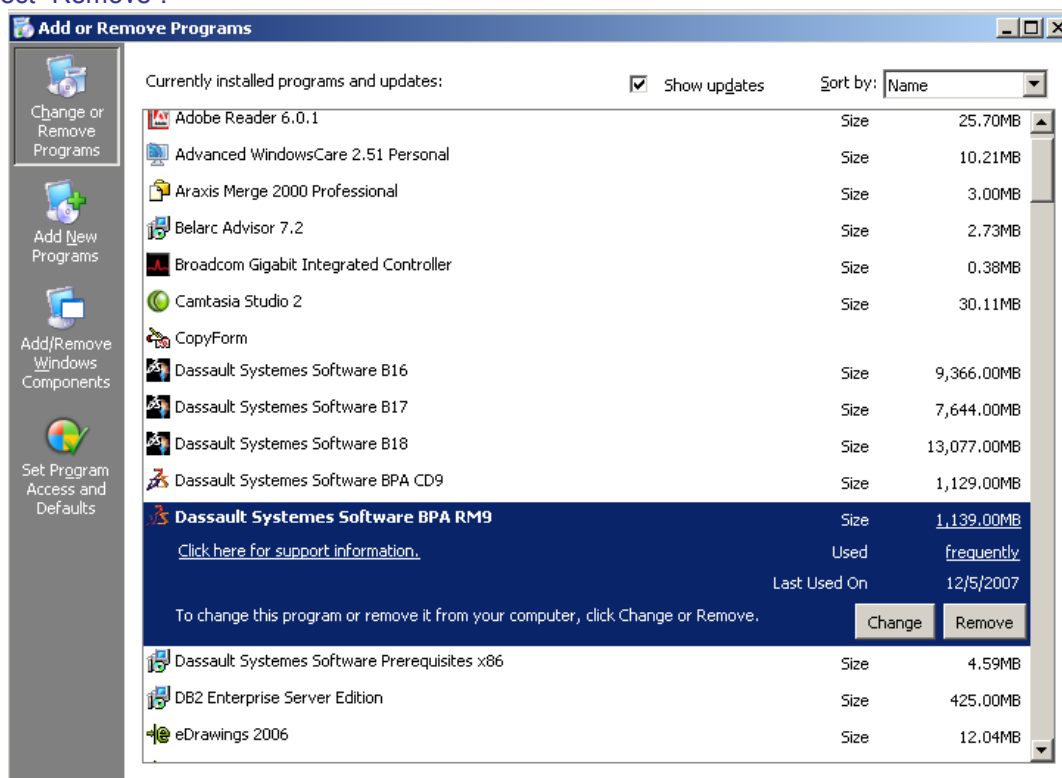
4.1. Before modifying or uninstalling

Note

- In order to prevent the unintentional loss of data, Uninstalling Requirement Management does not automatically detach or delete the connected database which was installed with the solution. If you wish to detach the Requirement Management database, you need to do so manually using the database connection manager tool. Consequently you will be able to delete the database file from its location (the location will be indicated during the detachment operation)
- If you wish to reinstall Requirement Management and start again with the original database you must detach the database using the database connection manager **and** delete the *.ldf file located in the same directory as the database file

4.2. Uninstalling Requirement Management

In order to uninstall Requirement Management BPA, the user must launch Add or Remove Programs utility of Windows and select Dassault Systèmes Software BPA RM9. Then select "Remove":



5. Script Hooking

This section defines all the scripts to hook so as to get the benefit of all the functionalities of the BPA.

For details, please refer to CSE_DataModel_Documentation_R19D7.doc.

6. Starting Requirement Management

Launch the ENOVIA SmarTeam client application.

The default login used for demo purpose is “joe” without any password.

Switch to the appropriate database if it's not your default database (Click on **file-> Switch to database**).

