

Requirements XML Edition

- RX9 -



Installation Guide – V1

BPA Delivery 7 for V5R19 (V5.7)

Modification Tracking

Version	Date	Done by	Modification
	15 Sep 2008	NJZ	Document creation
D6W42.3	15 Oct 2008	NJZ/CBZ	Document verification
D6W48.1	24 Oct 2008	NJZ/CBZ	Update screen shots D6-SP2 delivery
D6W06	02 Feb 2009	NJZ/CBZ	Update screen shots D6-SP3 delivery
D7W22.3	04 June 2009	CBZ	Update screen shots D7-GA delivery W23 Replace CD9 database configuration to RX9 database configuration
D7W36.3	03 Sept 2009	CBZ	Update screen shots D7-SP5 delivery
D7W45.3	05 Nov 2009	CBZ	Update screen shots D7-SP6 delivery

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1. Introduction

This document describes the installation procedure for the Requirements XML Edition Business Process Solution.

This document is divided into the following sections:

- Requirements XML Edition installation
- Configuring Requirements XML Edition
- Modifying or uninstalling Requirements XML Edition
- Script Hooking
- Starting Requirements XML Edition

1.1. Related Documentation

- Collaborative Systems Engineering – License Use Management (CSE_LicenseUseManagement_R19D7.doc)
- Collaborative Systems Engineering – Data Model Documentation (CSE_DataModel_Documentation_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

1.2. Definitions

1.2.1. Glossary

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

Table 1 - Glossary

1.3. Prerequisite for Requirements XML Edition Installation

1.3.1. 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.

1.3.2. 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 Requirements XML Edition 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 Requirements XML Edition requires the installation of the following ENOVIA SmarTeam components:

- **ENOVIA SmarTeam SEG + Word integration**

- **Requirements Management BPA**

- **Collaborative Services BPA**

Information

The installation of the RX9 BPA requires that the following software to be installed:
Operating Systems

- Microsoft Windows XP Professional SP2

Software Requirements:

- Microsoft Office 2003 SP2
- ENOVIA SmarTeam V5R19 GA minimum - SmarTeam Engineering configuration (SEG) with SmarTeam R19 compatible DataBase
- Html2xhtml dll (provided with Infopath 2007 Software Development Kit)
- Shall be installed for CP9 configuration

2. Requirements XML Edition installation

2.1. *Before Installing*

Information

If a previous version of Requirements XML Edition BPA has been installed on the client, you have to uninstall manually this version before to proceed to the installation of BPA RX9 Delivery 7. Upgrade mechanisms are not supported

Notes

If you want to install Requirements XML Edition 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. *Requirements XML Edition 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 Requirements XML Edition package includes:

- The Requirements XML Edition code.
- Different InfoPath Forms in use by the solution as separate installations launched by the main installation file
- The application's icons and adds-on.

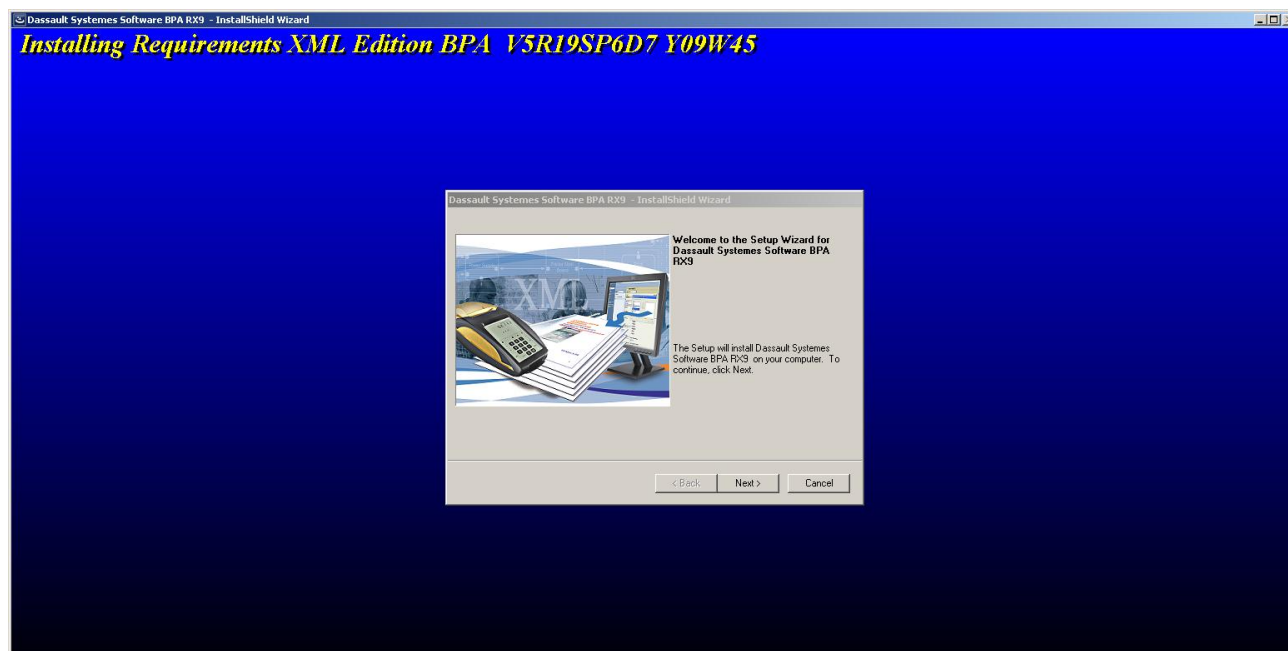
The setup is an InstallShield setup file containing the BPA code (dll, scripts).

2.2.3. ToolKits file

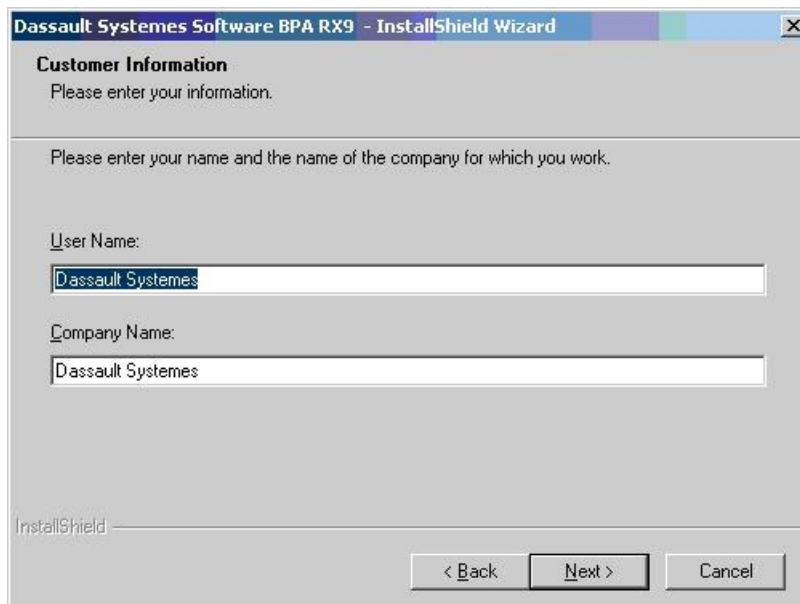
- The ToolKits folder contains VC Redistributable.

2.3. Requirements XML Edition Installation

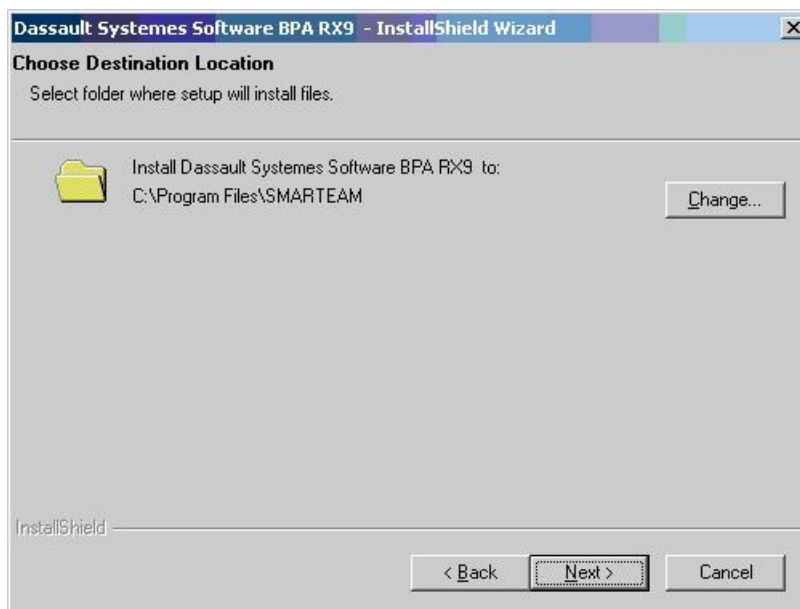
1. Launch the RX9.exe file



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



3. After reading the contents of the Welcome window, click "Next" to proceed to the next window, Destination Folder.



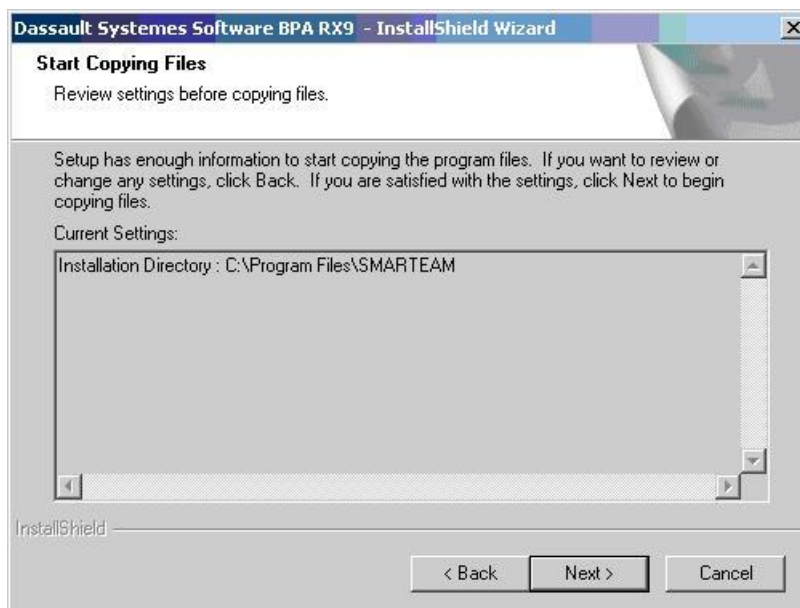
Note:

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.

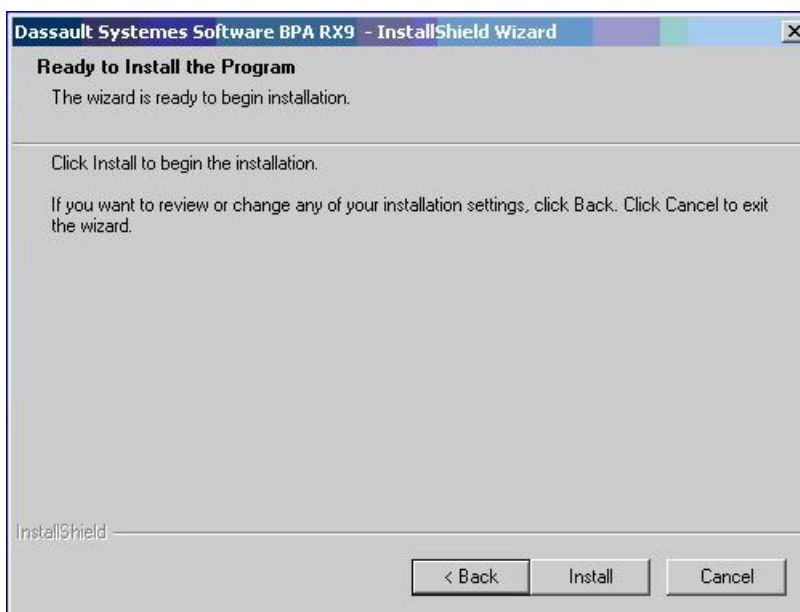
The Destination Folder area shows the destination directory for the program files. By default this path will point to the ENOVIA SmarTeam installation directory. You may specify another path by clicking on Change and selecting a different folder.

Click on Next to proceed to the next window, Copying Files.

4. Copying files

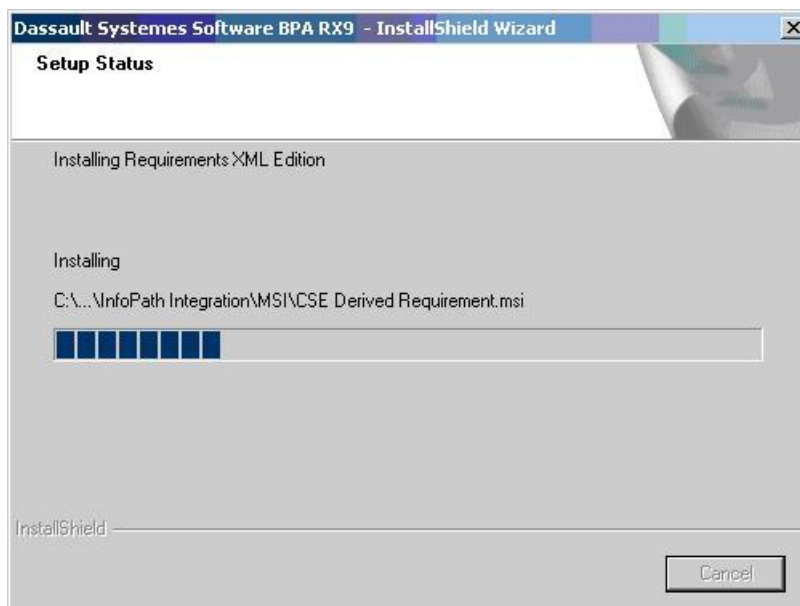


Click Next to reach the Ready to install panel.



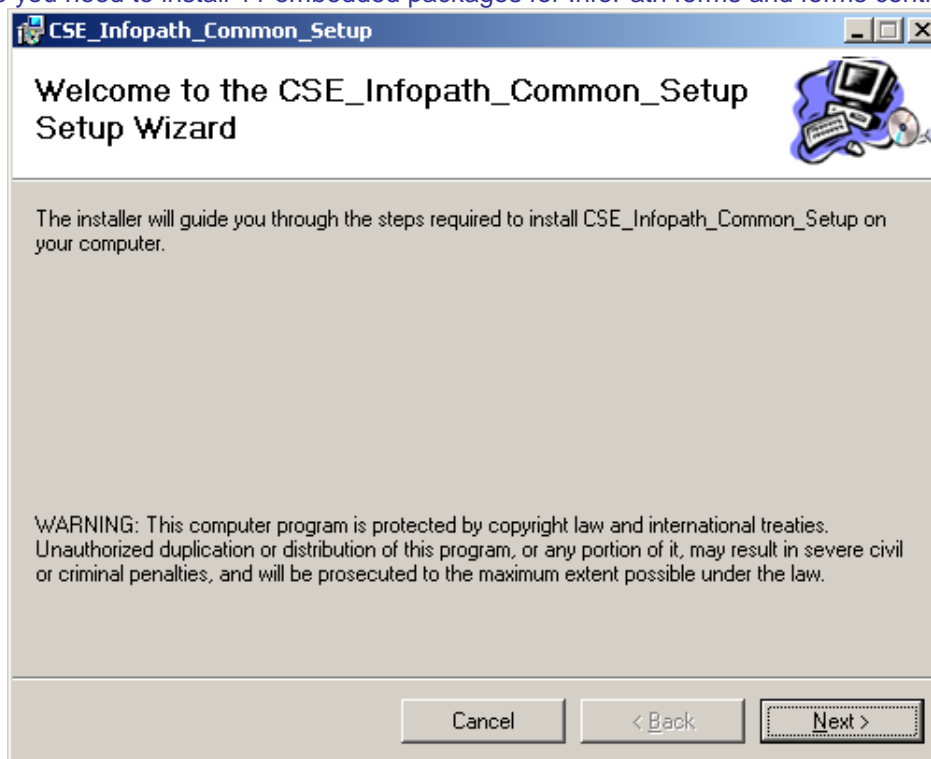
Click Install to launch the installation process

5. Installation process

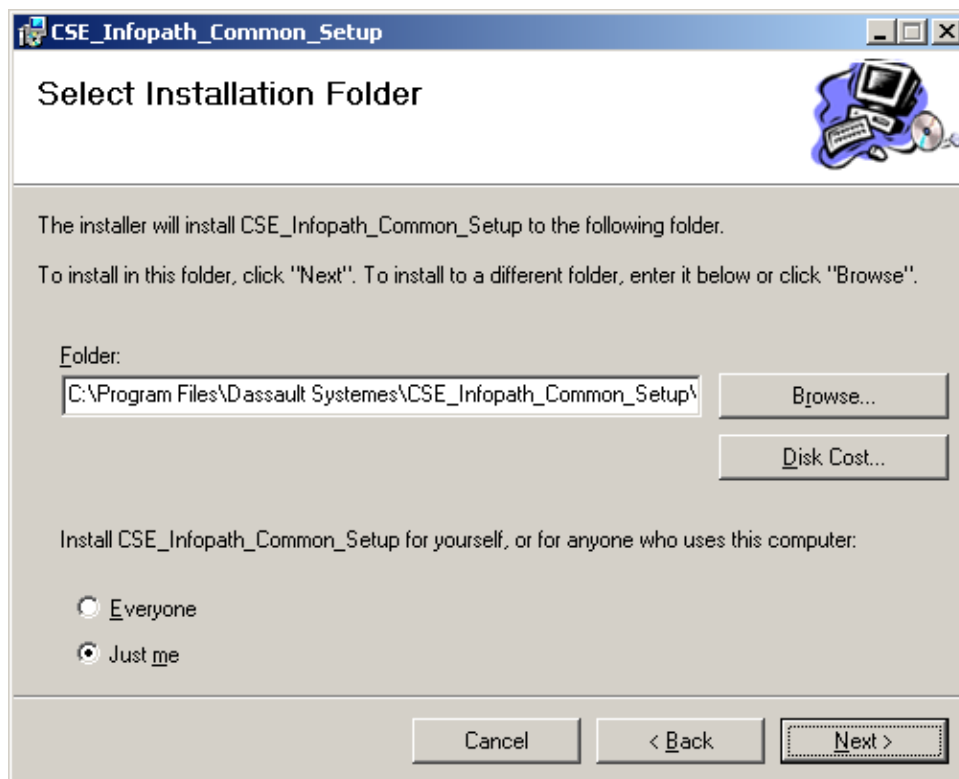


6. The installation process will now copy the files into the designated folders on your computer. Progress is shown on the screen via the Setup Status graphics bar window.

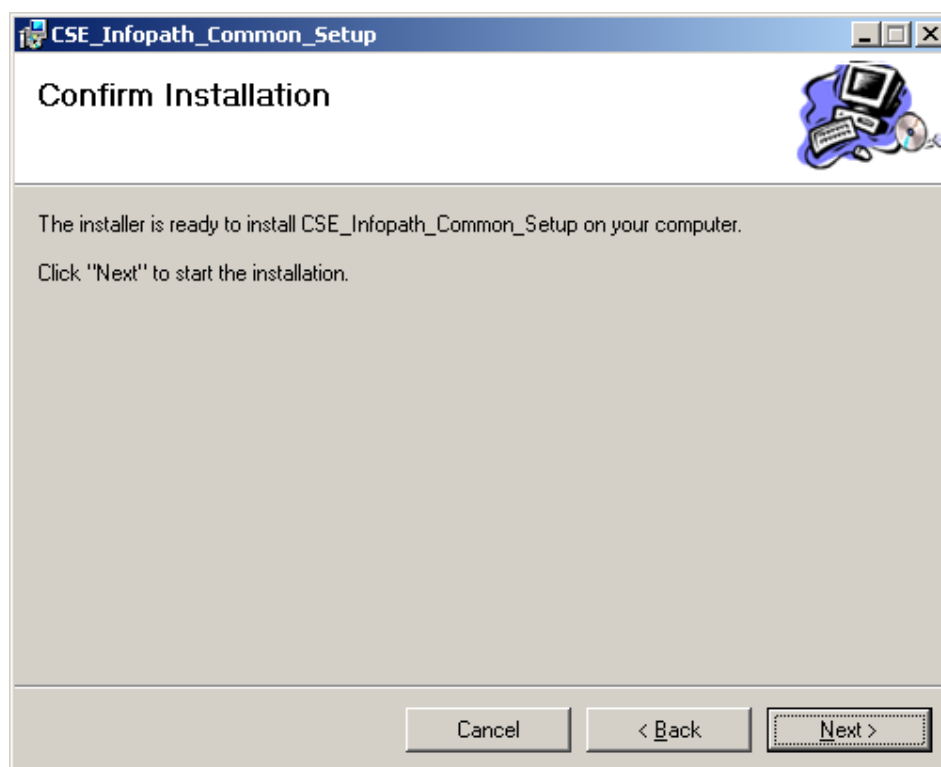
7. At this stage you need to install 11 embedded packages for InfoPath forms and forms control.



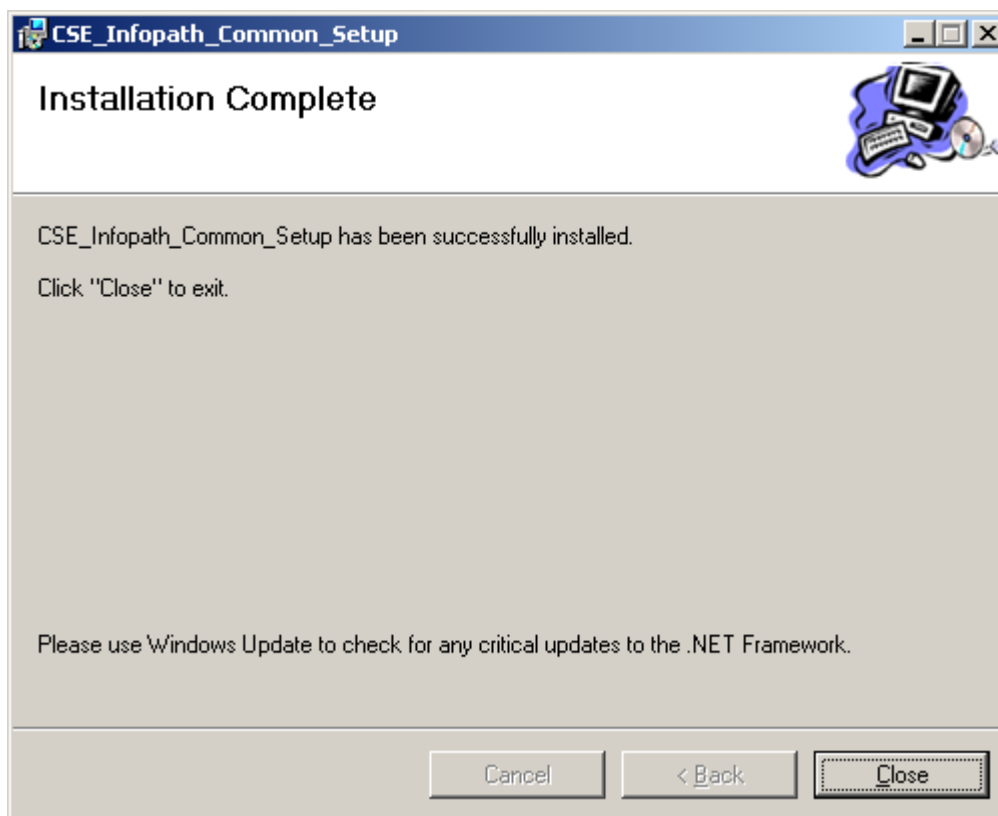
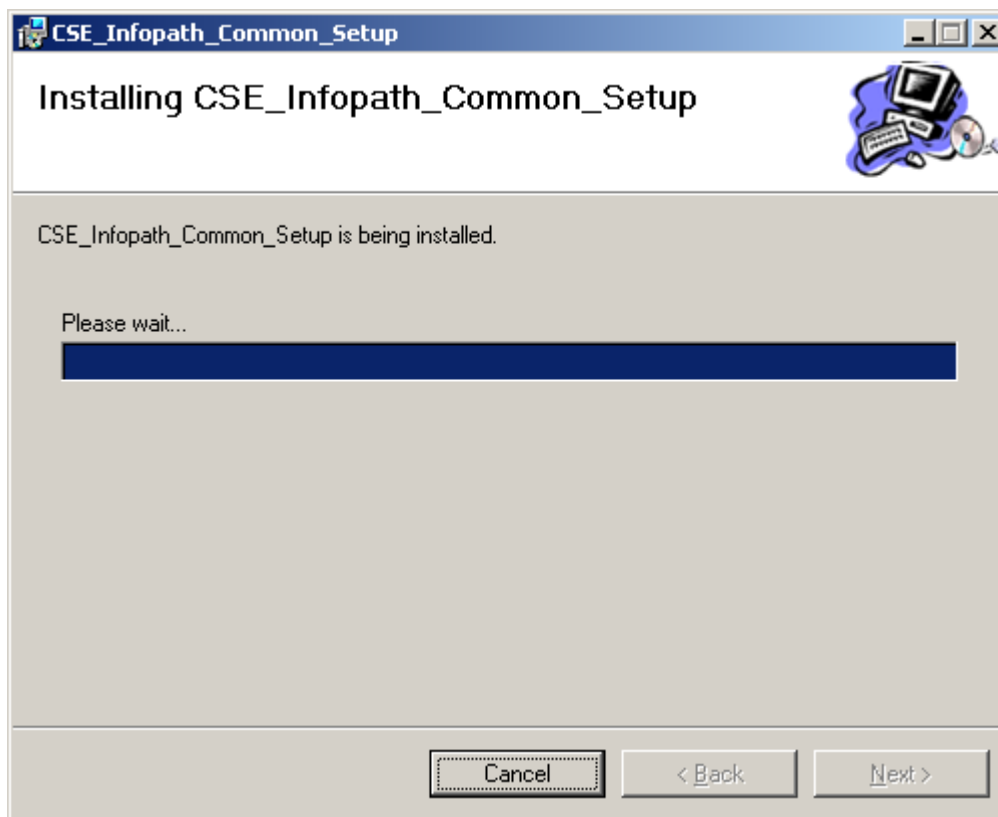
Click "Next" in the displayed window



Click Next



Click "Next" to continue



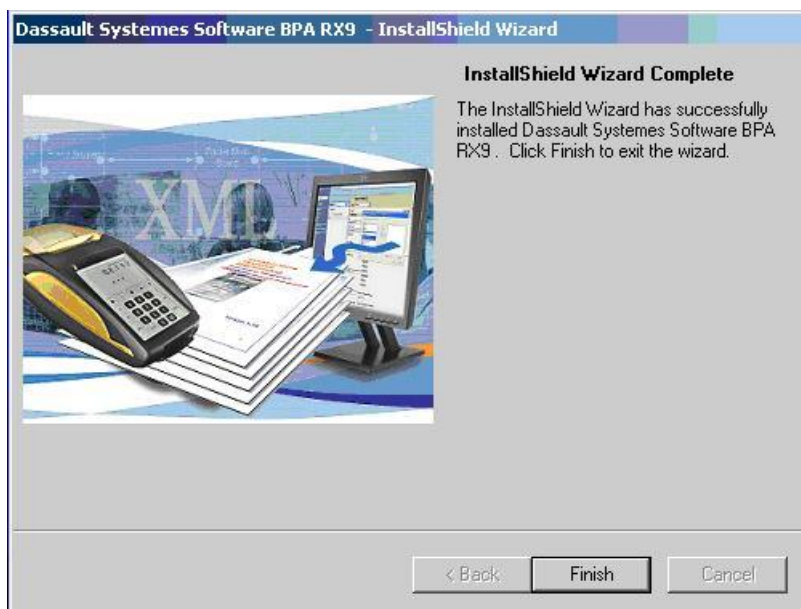
Click "Close".

This step will repeat 12 more times for

- CSE_CHAPTER_REQTREE (Chapter edition)
- CSE_REQTREE (Requirements Module Edition)
- CSE_PRIMARY_REQUIREMENT (Primary Requirement View Form)
- CSE_DERIVED_REQUIREMENT (Derived Requirement View Form)
- CSE_REQUIREMENT_INFOS (Requirements Information View Form)
- CSE_IVVQ_MODULE (IVVQ Module edition)
- CSE_IVVQ_CHAPTER (IVVQ Chapter edition)
- CSE_IVVQ_INFORMATION (IVVQ Information View Form)
- CSE_IVVQ_RESULT (IVVQ Result View Form)
- CSE_IVVQ_SHEET (IVVQ Sheet View Form)
- CSE_IVVQ_MATRIX_ITEM (IVVQ Matrix Item View Form)
- CSE_IVVQ_ANALYSIS (IVVQ Analysis View Form)

8. At the end the setup window will change

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



3. Configuring Requirements XML Edition

3.1. Setting the licensing mechanism for Requirements XML Edition

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

4. Modifying or uninstalling Requirements XML Edition

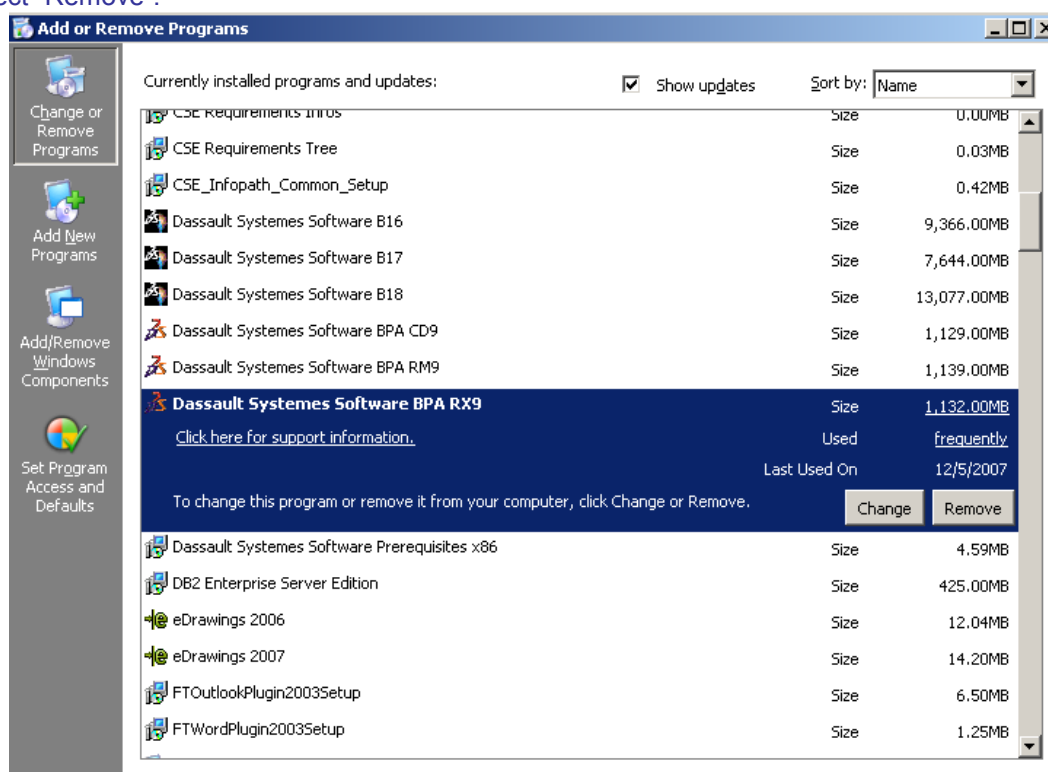
4.1. Before modifying or uninstalling

Note

- In order to prevent the unintentional loss of data, Uninstalling Requirements XML Edition does not automatically detach or delete the connected database which was installed with the solution. If you wish to detach the Composite Document 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 Requirements XML Edition 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 Requirements XML Edition

In order to uninstall Requirements XML Edition BPA, the user must launch Add or Remove Programs utility of Windows and select Dassault Systèmes Software BPA RX9. 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. Concurrent Access Setting Up

This section describes all the steps to follow in order to set up the concurrent access functionality on a target super class.

6.1. Data Model Modifications

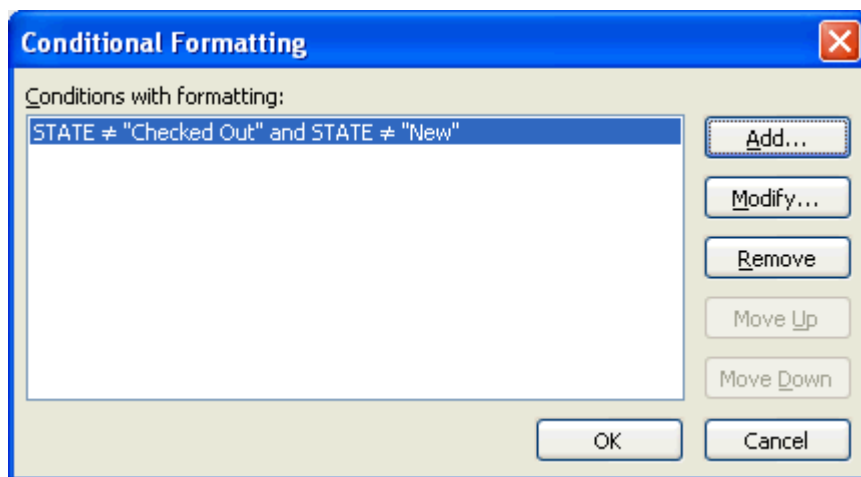
In order to set up the concurrent access functionality, it is necessary to add a new attribute for each super class impacted by that functionality. For instance if you want to use it with Requirements super class, you have to add the attribute "TDMX_LOCKED_BY" to the Requirements super class (this attribute is described in the data model documentation).

6.2. Script hooking

Regarding the script hooking, you have to hook the different script as defined in the section "script hooking" of that document. In this section hooks are defined according to "Requirements" super class. Nevertheless if you wish to apply this functionality to another class you just have to apply the same hooks on the target super class.

6.3. Forms update

In each InfoPath form, you need first to update the FormCode.vb file according to the modifications done for concurrent access functionality, and also to export the attribute "STATE" for each objects class. More over the conditional formatting related to each InfoPath form shall be set as described below:



7. Starting Requirements XML Edition

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**).

