

# **Animation Importer (AI9)**

**BPA Delivery 8 for V5R20 &  
Virtools 4.0, 4.1 ,5SP1 & 5SP3  
(V5.8)**

## ***Installation Guide***

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# **Introduction**

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This document describes the installation procedure for the Animation Importer BPA.

## **Related Documentation**

- CATIA V5 – Installation Guide
- Virtools 4.0, 4.1 ,5SP1 & 5SP3 – Installation Guide

## **Prerequisites for Animation Importer Installation**

### **Hardware requirements**

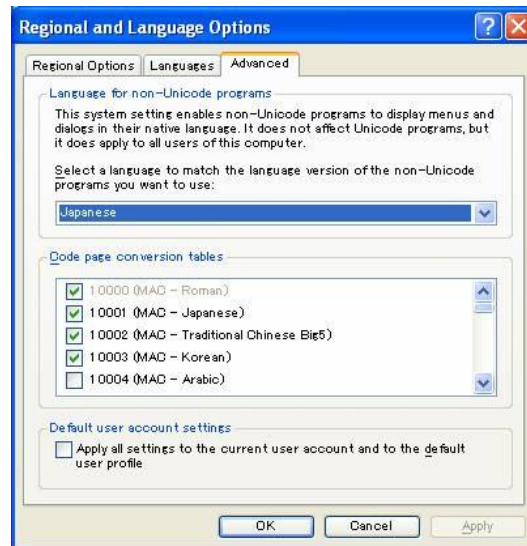
PC with Windows XP SP3

PC with Windows 7 Professional 64 bit

### **Software requirements**

CATIA or DELMIA V5R20 GA (pre-required) / SP4 (recommended) installation and Virtools 4/4.1/5SP1/5SP3 are the main prerequisites for Animation Importer.

- **Virtools patches:**
  - If you install Virtools 4.0 from low patch, you have to apply all the patches sequentially to Virtools 4.0.0.94
  - If you install Virtools 4.1 from low patch, you have to apply all the patches sequentially to Virtools 4.1.0.64
  - If you install Virtools 5SP1 from low patch, you have to apply all the patches sequentially to Virtools 5.0.0.11
- **Language for non-Unicode programs:** In order to have Virtools to work with AI9 in multiple languages, it is needed to set "Language for non-Unicode programs" in Regional and Language Options to the language you select to export 3dxml in CATIA or DELMIA before you launch Virtools. Here is a sample for Japanese



# Animation Importer Installation

There are two modules in Animation Importer. One is in CATIA/DELMIA side and other one is in Virtools side. The module in CATIA/DELMIA side runs on both Windows 32 bits and 64 bits operating systems and Virtools side does not support Windows 64 bit, but it can run on 64 bit machines with 32 bit mode.

(Note: The module in Virtools side will also work on 64 bit but here you are using 32bit mode in 64bit machine)

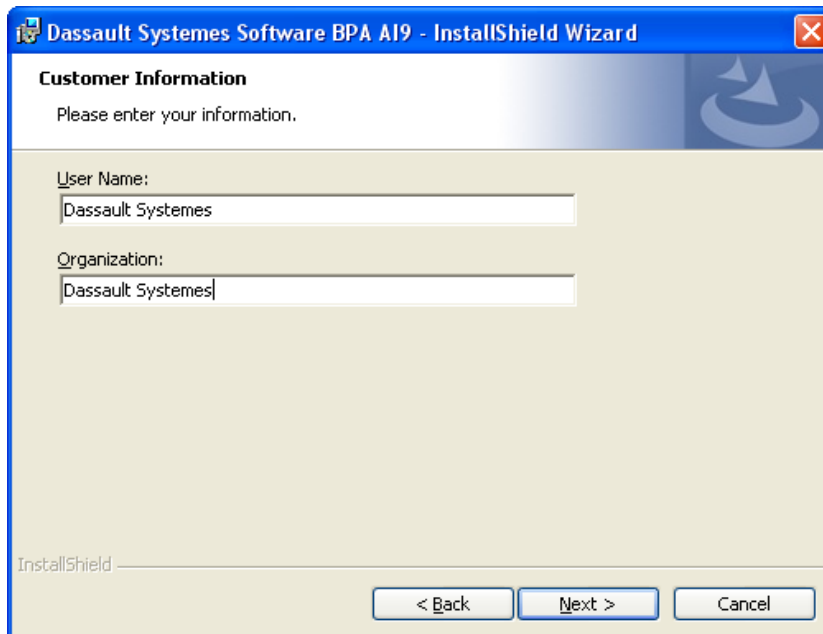
.

The installation procedure is the same on both platform, and will be managed accordingly.

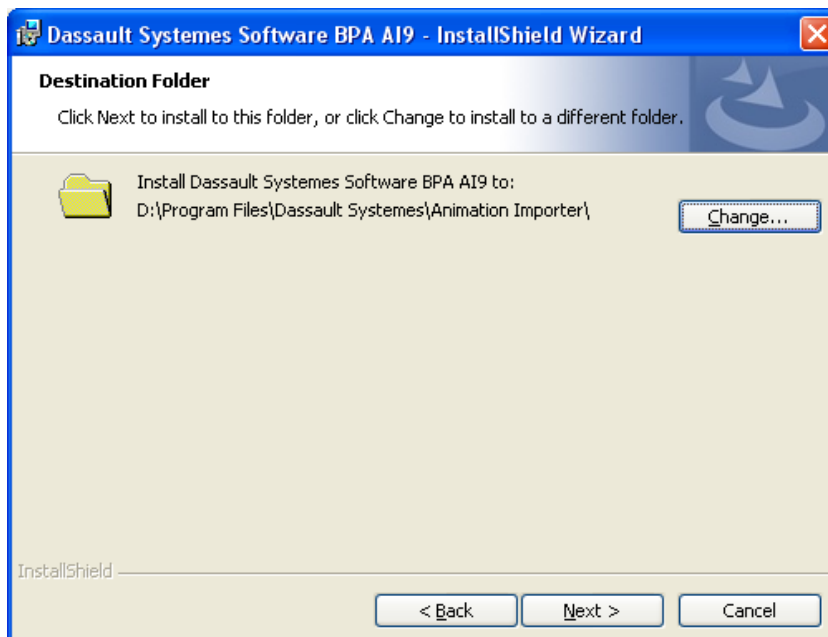
1. Launch Setup.exe



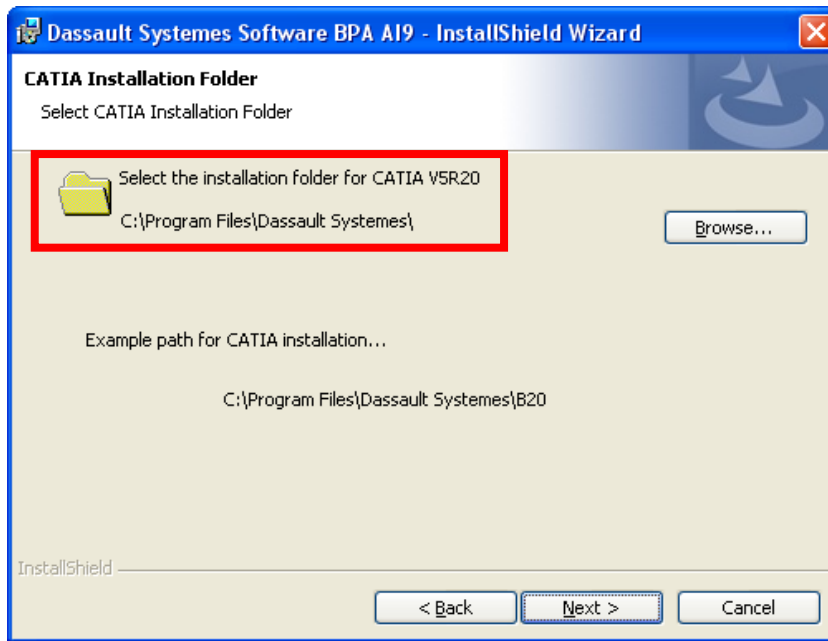
2. Click Next



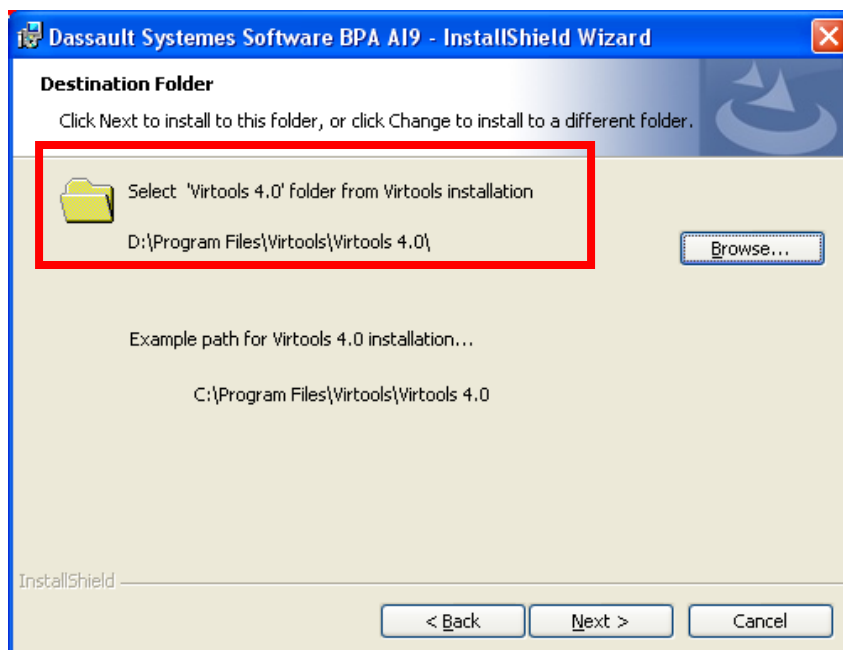
3. Fill Correct User Name and Company Name
4. Click Next
5. Choose Animation Importer code Location



6. Click Next
7. Select CATIA V5R20SP4 Installation Path and click next

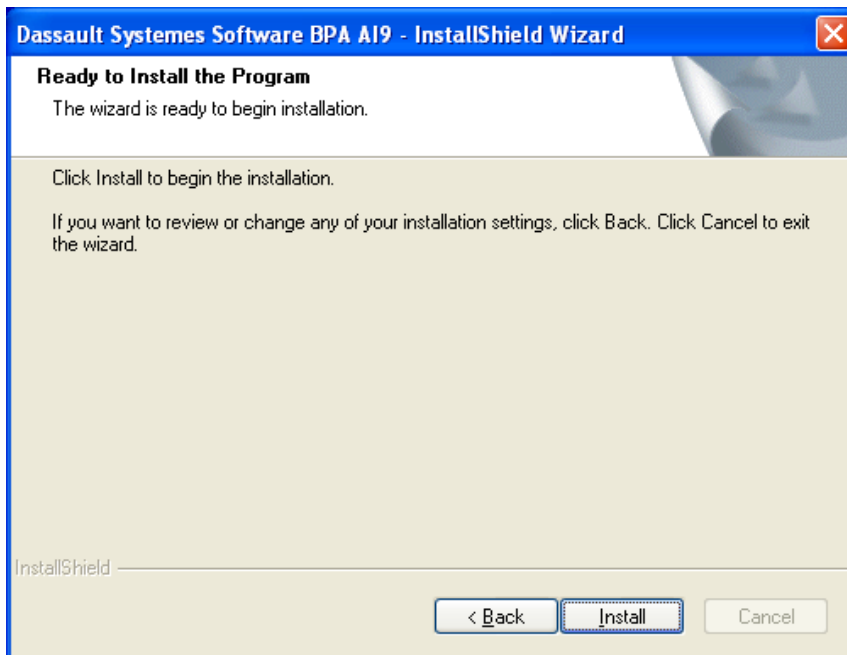


#### 8. Select Virtools 4.0 Installation Path



#### 9. Select Next





#### 10. Select Install



#### 11. Select Finish

Administrators also have a choice to install/uninstall the BPA through command prompt window

Commands options for msixexec

- /i install
- /x uninstall
- /a admin installation.

The msixec can be used to run the installer in different modes like

- silent mode /q
- basic ui mode /qb
- full ui mode

Also msixec logs the progress of an installation which is useful to detect errors if any during installation

- Msiexec [ .msi file name ] /!v [log file name]

### Example:

```
msiexec /i "D:\Installables\intel_a\Dassault Systemes Software BPA SL9.msi" INSTALLDIR="C:\Program Files\Dassault Systemes\Animation Importer" DASSAULT_SYSTEMES_BXX="D:\Program Files\Dassault Systemes\B19" VIRTOOLS_4.0= "C:\Program Files\Virtools\Virtools 4.0" /!v C:\Log.txt /qb
```

### Where in:

PROPERTY NAME	PROPERTY Value	Example
INSTALLDIR	The Installation Directory for the application	"C:\Program Files\Dassault Systemes\Animation Importer"
DASSAULT_SYSTEMES_BXX	The Installation Directory for the CATIA application (upto Dassault Systemes\B19)	"C:\Program Files\Dassault Systemes\B19"
VIRTOOLS_4.0	The Installation Directory for the Virtools 4.0 application (upto <b>Virtools 4.0</b> )	"C:\Program Files\Virtools\Virtools 4.0"

# License Management

## Information

### Software Requirements

- The license server should have IBM LUM 4.6.8.3 installed

Animation Importer V5.8 or higher requires a license.

To ask a license, the following information must be provided:

- Product Name: This is the BPA trigram.
- License Type: Nodelock or concurrent.
- Number of License: 1 for Nodelock , >0 for Concurrent
- LUM targetID: Provide the target id (run i4target in a DOS window)
  - On Client side for Nodelock
  - On Server side for Concurrent

On receiving the license:

- For Nodelock type of license
  - Modify/ Create Nodelock file by inserting necessary information (VendorID, ProductPassword ) - See Appendix A
- For Concurrent type of license
  - Enroll the license on the LUM server - See Appendix B

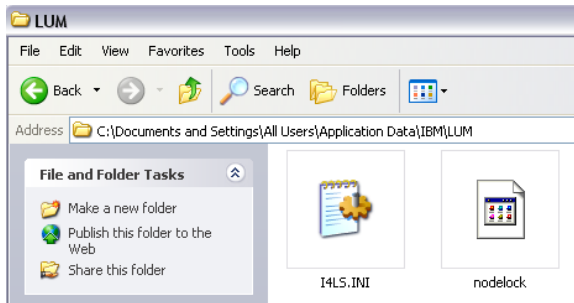
## Appendix A : Creating a Nodelock file

Nodelock file : how to proceed

You should input yourself the parameters of your License into the nodelock file (create it if doesn't exist)

- This file is located in
  - For Windows XP 32 and 64 OS - C:\Documents and Settings\All Users\Application Data\IBM\LUM\nodelock
  - For Windows 7 64 bit OS - C:\ProgramData\IBM\LUM for WIN7
- You should extract from the .lic file the following informations :
  - VendorID (looks like an UUID)
  - ProductPassword (a crypted key)
  - ProductAnnotation (should be unset)
  - ProductVersion (should be set to 1)
- And insert them in nodelock file by respecting the order
  - # comment : put your BPA trigram and its range date
  - vendorID ProductPassword ProductAnnotation ProductVersion

Example:



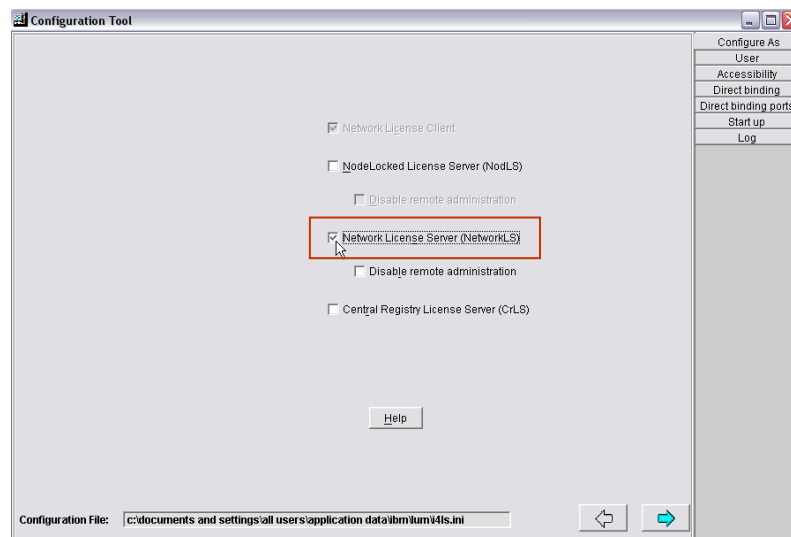
# CP9 from 15-Jul-08 to 14-Jul-09  
c6c8ef44bcb7.4a.74.95.13.1f.00.00.00 r8ezikjzgsvk9fzf7fe3p2gn3eaa "" "1"

## Appendix B : Enrolling a Concurrent license on the Network license server

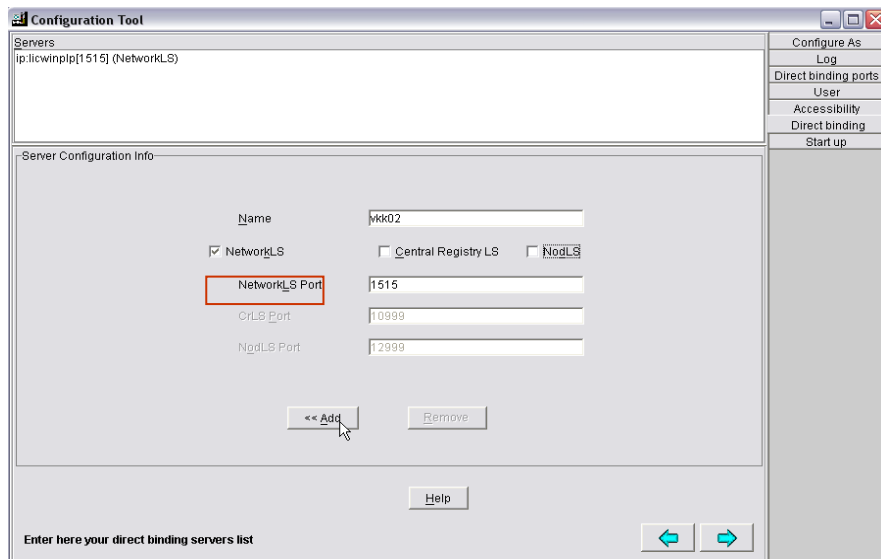
Setting up the Network License server:

Start > Programs> License Use Runtime > Configuration tool

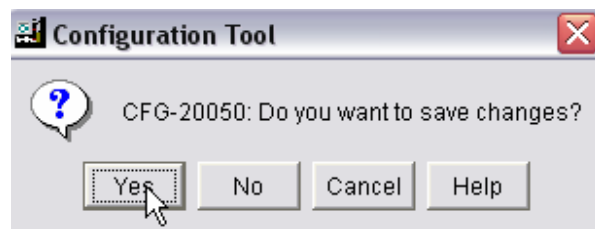
- Stop the service if needed using the Service Manager Tool.
- Ensure that the option for Network License Server is selected



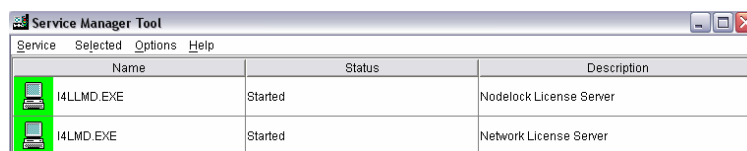
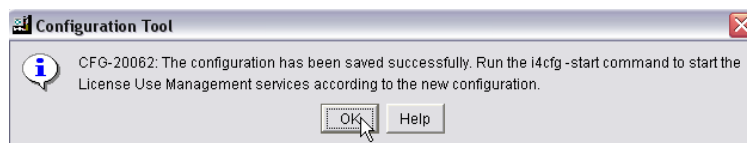
- Switch to the Direct Binding tab.
- In the Name field enter the machine name
- Check the box for NetworkLS and click on Add button



- Close the Configuration Tool window and validate accepting the changes



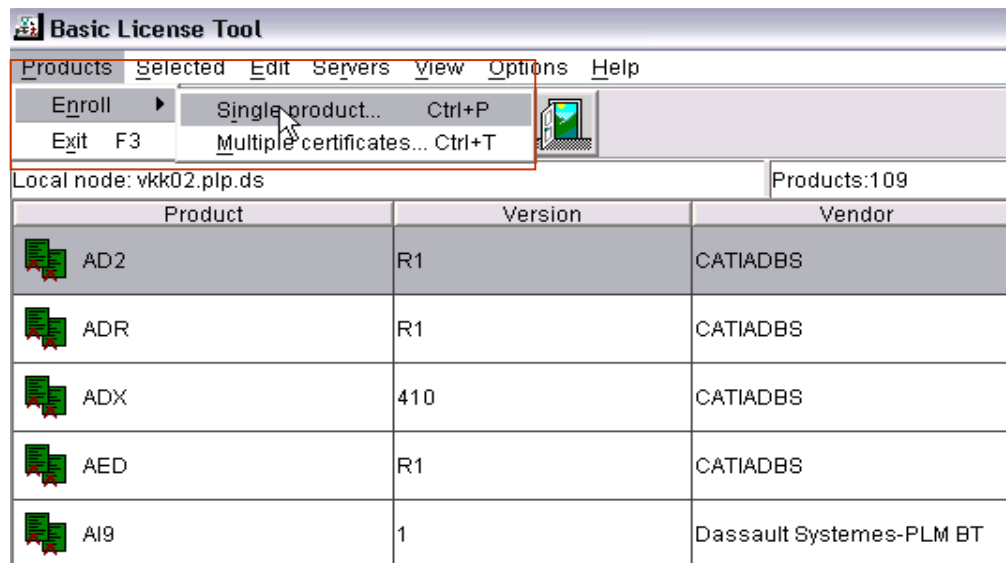
- Pass the message to restart the service (if previously it was stopped)



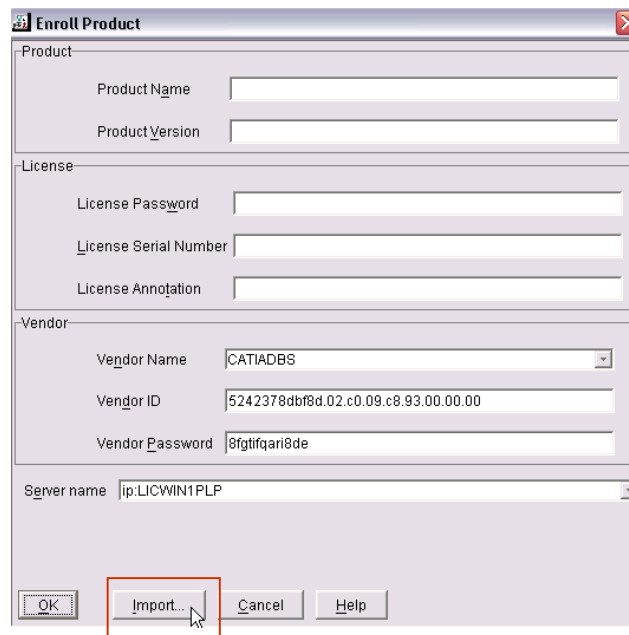
## Enrolling the Concurrent License

Start > Programs > License Use Runtime > Basic License Tool

- Select Product / Enroll/ ....
  - Choose Single or Multiple depending on whether you want to enroll a single or multiple licenses at a time.



- Click on Import button



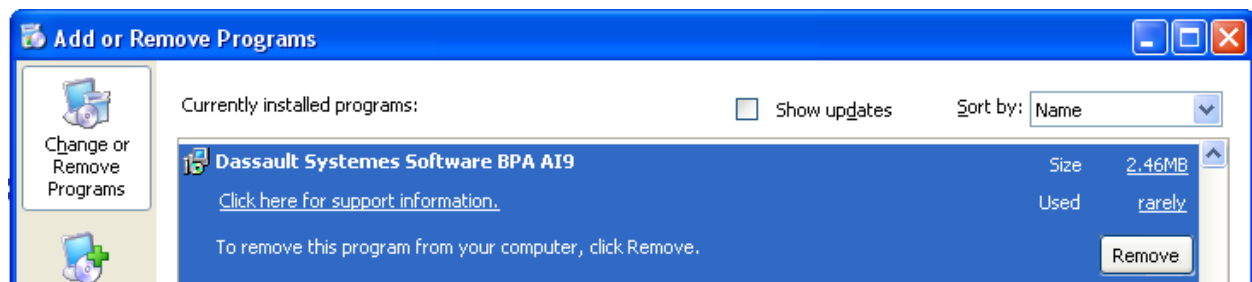
Please refer to the DS BPA License Management Documentation.

# Un-installing Animation Importer application

Un-installation must be run:

## From the Control Panel -> Add or Remove Programs

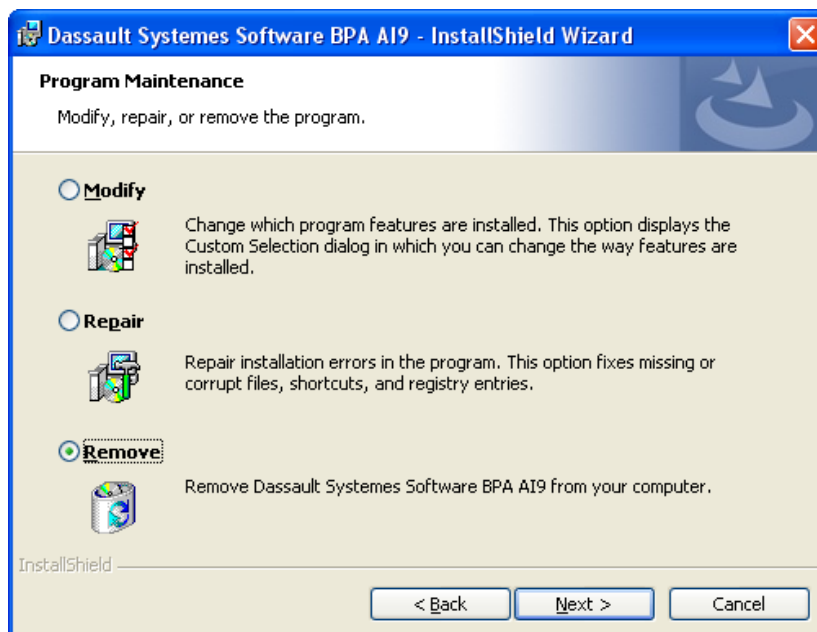
1. Select the *Dassault Systemes Software BPA AI9* application, and click on “Remove”



2. AI9 BPA is un-installed.

## From the AI9 installer

1. Launch Setup.exe and click next



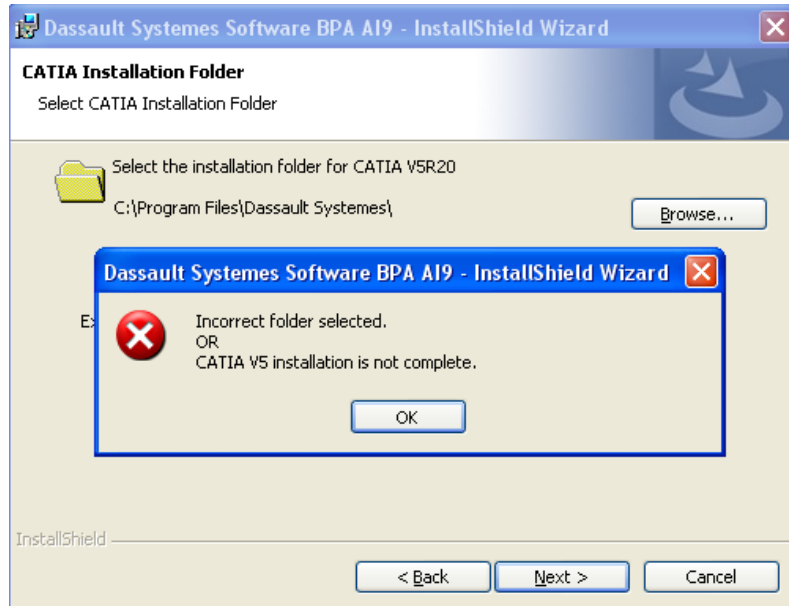
2. Select Remove and then Next
3. AI9 BPA is un-installed.



# Troubleshooting

## Incorrect CATIA or DELMIA V5R20SP4 installation path

If incorrect CATIA or DELMIA Installation path is given then an error message pops up:



Please make sure that you defined the appropriate path for the CATIA or DELMIA V5R19SP4 installation in the following window:

