

3D Tribon Importer

- CT9 -

Installation Guide

BPA Delivery 8 for V5R20 (V5.8)

Modification Tracking

Date	Done by	Modification
12 August 2008	OJG	Version 1 document creation
11 October 2008	OJG	Modified
26 May 2009	OJG\ZVW	Modified
08 February 2010	ZVW	Modified

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1. Introduction

This document describes the installation procedure for the BPA 3D Tribon Importer.

1. Definitions

Variables

Describe here the variables used in this guide:

Proposed examples:

Name	Definition
3D Tribon Importer Install Directory	C:\Program Files\Dassault Systemes\3D Tribon Importer
CATIA B20 Install Directory	D:\Program Files\Dassault Systemes\B20

Table 1 – Variables

Glossary

Describe here the terms and acronyms used in this guide:

Name	Definition
BPA	Business Process Accelerator
CT9	3D Tribon Importer

Table 2 - Glossary

2. Prerequisite for 3D Tribon Importer Installation

Hardware requirements

PC with Windows XP SP3 (same configurations than for MD2 CATIA V5 package and DELMIA V5 package)

Software requirements

Code Level Minimum:

 CATIA V5R20GA(pre-required) / SP1(recommended) or DELMIA V5R20GA(pre-required) / SP1(recommended)

DS Product Licensing

 MD2 or any configuration including it.

2. Prior to 3D Tribon Importer Installation

1. Before Installing

- Read this document and ensure you have CATIA V5R20GA (pre-required) / SP1 (recommended) installed on your computer, with the appropriate license.

Add here the required actions before installing the BPA:

- check for repository, path
- check for installation folder
- need for uninstalling manually an older version of the BPA (if upgrading of old versions is not automatically supported)

2. 3D Tribon Importer package description

User package

Indicate the user package format (expected zip file, tar file ...).

Expected folders are:

- Documentation
- Setup

Setup files

Setup file format Install Shield setup file.

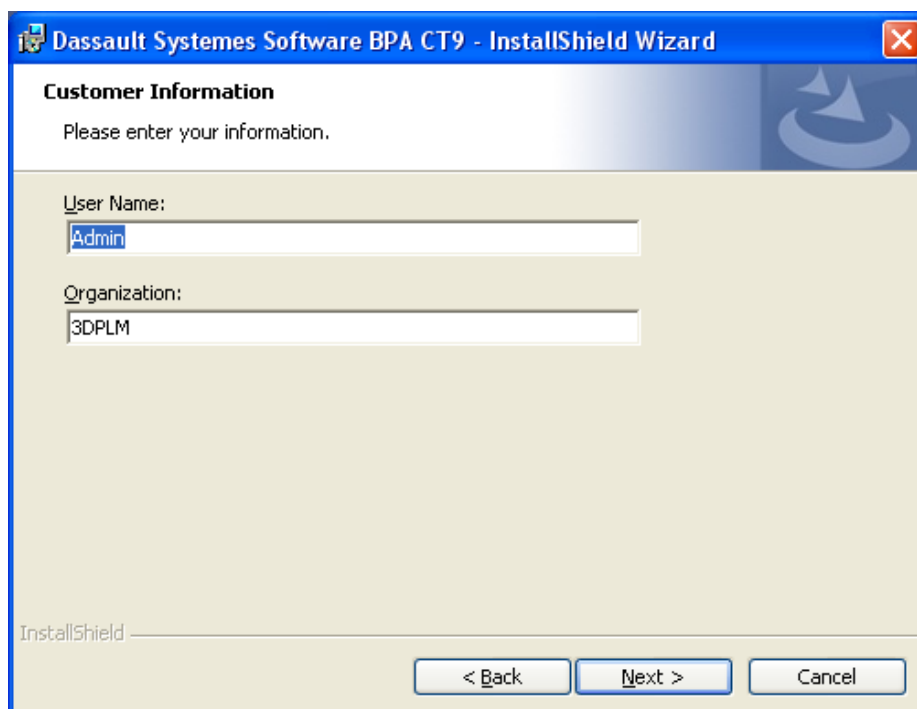
- The BPA code (dll, scripts)
- The integration and demonstration templates (WORD)
- the application's icons

3. 3D Tribon Importer Installation

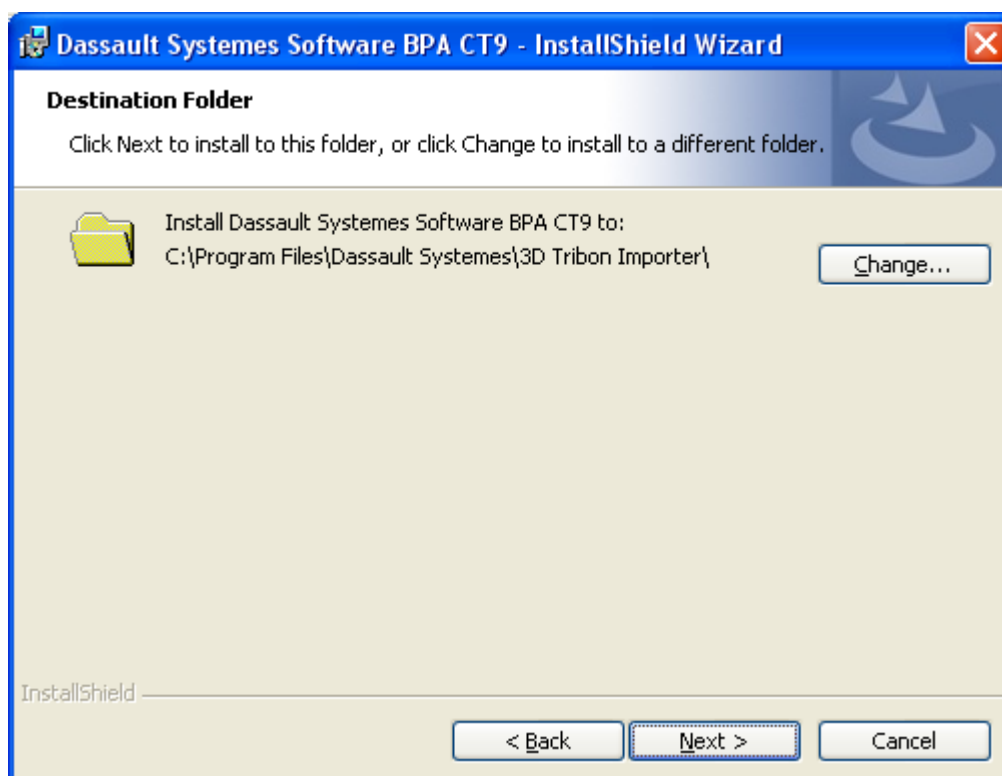
1. Unzip the CT9_R19D8.zip on your local machine and launch CT9.exe



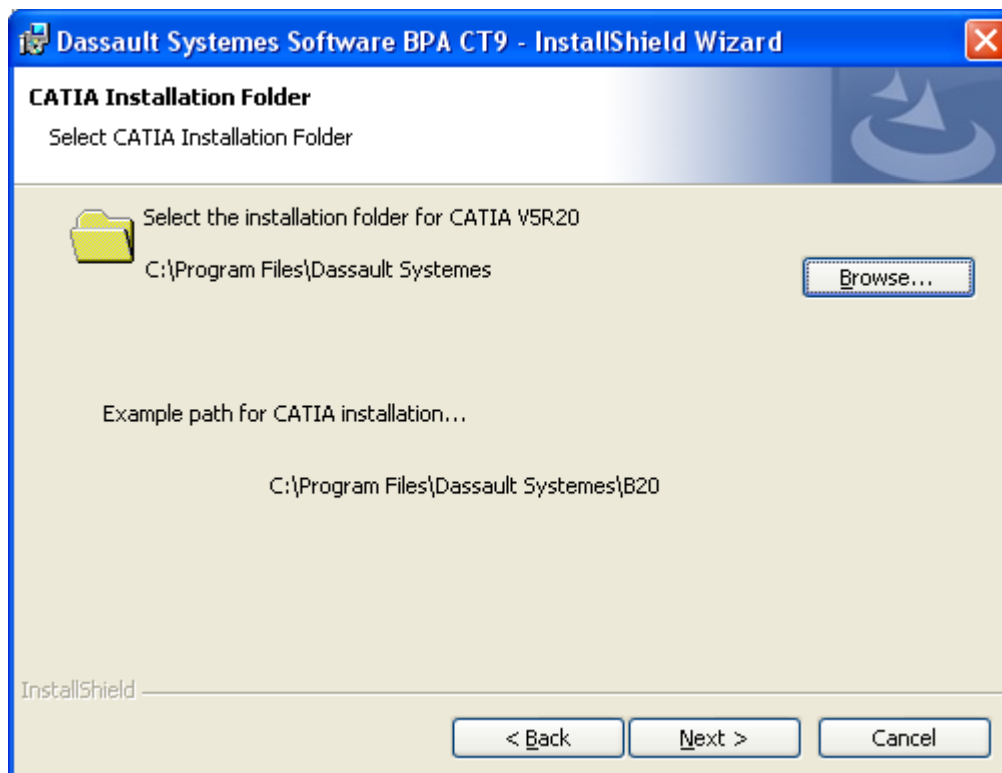
2. Click Next



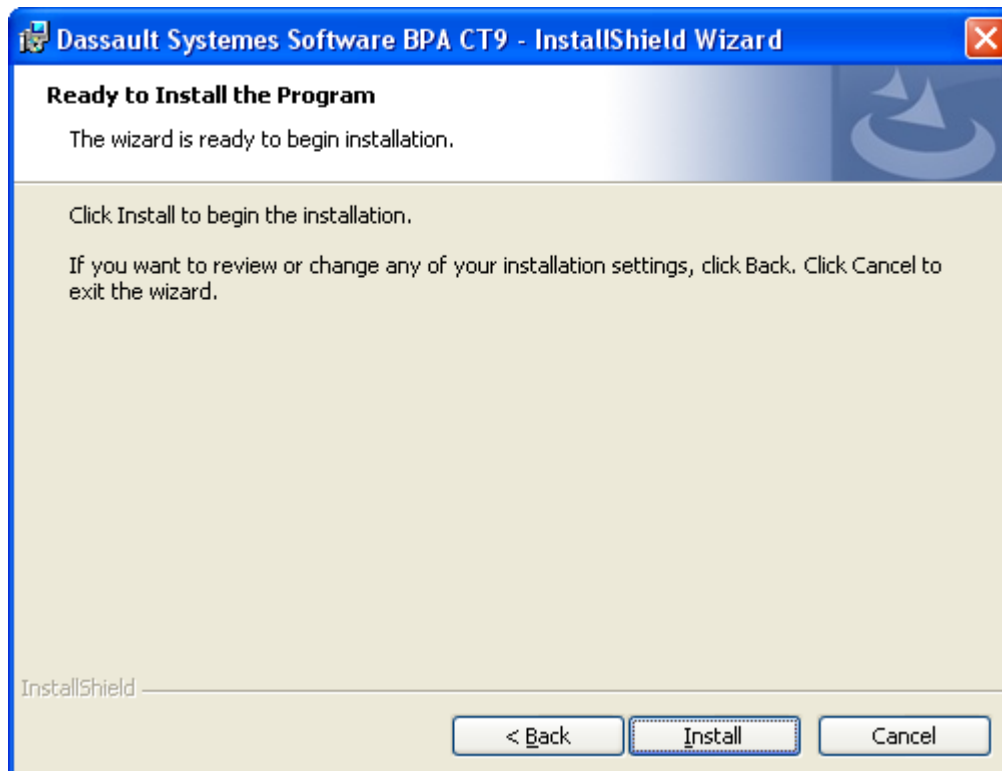
3. Enter appropriate user name and the company name (user name with Admin privileges is required)
4. Click Next.
5. Choose CT9 Installation directory anywhere on your computer (CT9 will install all necessary data in this directory and will also create a directory into which the user settings will be created).



6. Click Next.
7. Select CATIA R20SP2 installation path on your computer.



8. Click Next.



9. Select install



10. Select Finish (you have successfully installed the 3D Tribon Interface BPA)



On your desktop, you will find a new icon like the following one:

4. After Installation

Describe here the checks to be done after installation.

- The BPA icon should be visible in Desktop
- BPA should be visible in the Add/remove programs window
- BPA version can be checked in the BPA folder
- BPA recognition by the OS
- BPA recognition by the pre requisite product.
- set of files are present in the expected folders (precise what & where)

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

Commands options for msixec

- /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

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

Example:

```
msixec /i "D:\Installables\intel_a\Dassault Systemes Software BPA CT9.msi" INSTALLDIR="C:\Program Files\Dassault Systemes\3D Tribon Importer" DASSAULT_SYSTEMES_BXX="D:\Program Files\Dassault Systemes\B20" /!v C:\Log.txt /qb
```

Where in:

PROPERTY NAME	PROPERTY Value	Example
INSTALLDIR	The Installation Directory for the application	"C:\Program Files\Dassault Systemes\3D Tribon Importer"
DASSAULT_SYSTEMES_BXX	The Installation Directory for the CATIA application (upto Dassault Systemes\B20)	"C:\Program Files\Dassault Systemes\B20"

5. License Management

Information

Software Requirements

- The license server should have IBM LUM 4.6.8.3 installed

3D Tribon 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

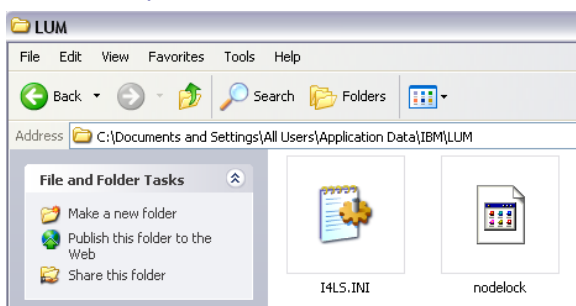
Appendix A : Creating a Nodelock file

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 C:\Documents and Settings\All Users\Application Data\IBM\LUM\nodelock
- 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:



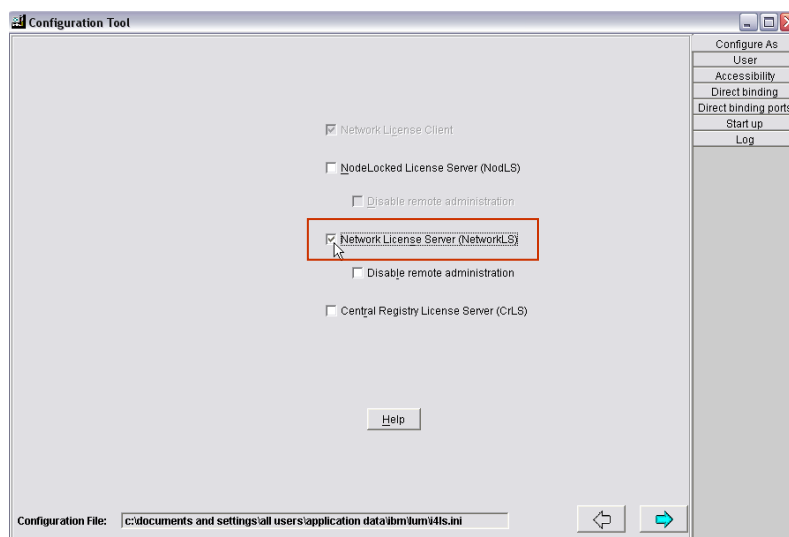
CP9 from 15-Jul-08 to 14-Jul-09
c6c8ef44bcb7.4a.74.95.13.1f.00.00.00 r8ezikjzgsvk9fzf7fe3p2gn3eaa "" "1"

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

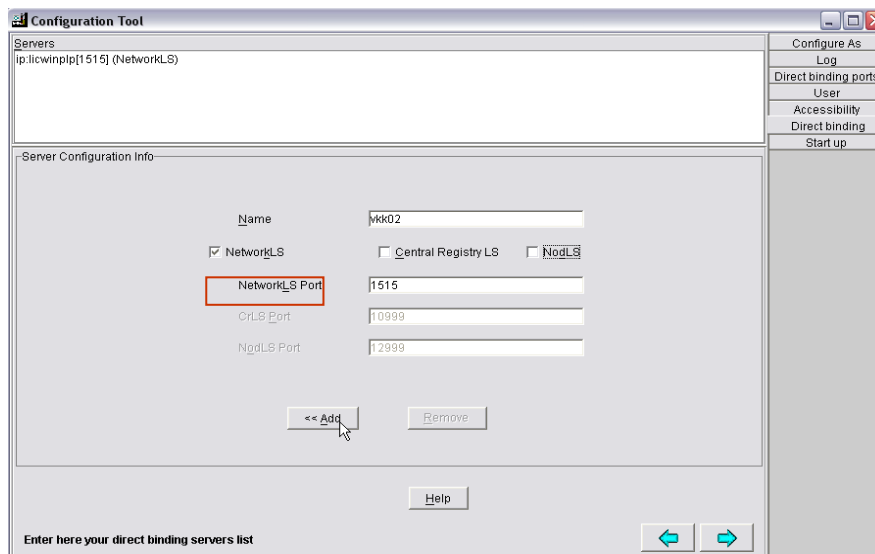
Setting up the Network License server:

Start > Programs> License Use Runtime > Configuration tool

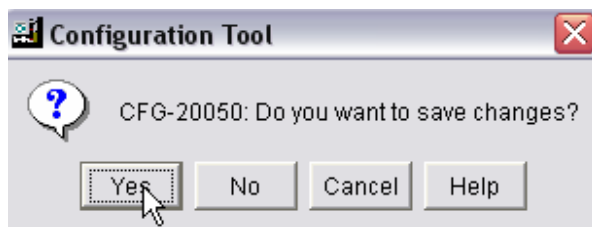
- Stop the service if needed using the Service Manager Tool.
- Ensure that the option for Network License Server is selected



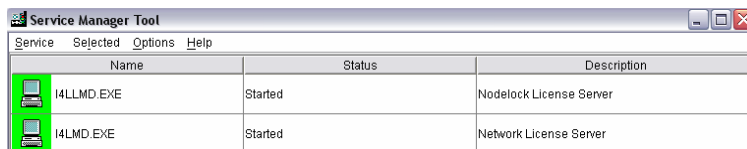
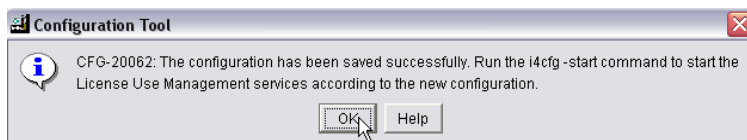
- Switch to the Direct Binding tab.
- In the Name field enter the machine name
- Check the box for NetworkLS and click on Add button



- Close the Configuration Tool window and validate accepting the changes



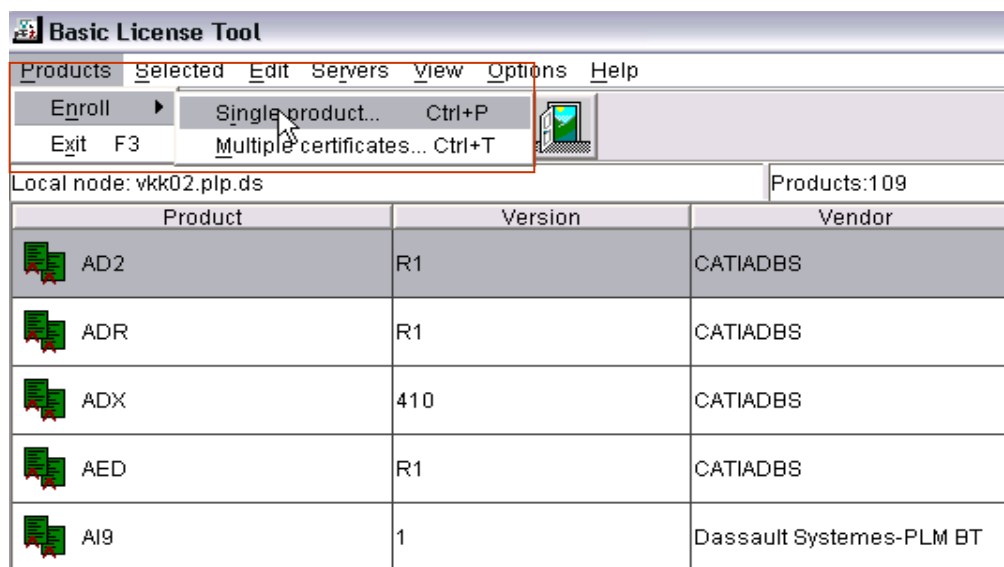
- Pass the message to restart the service (if previously it was stopped)



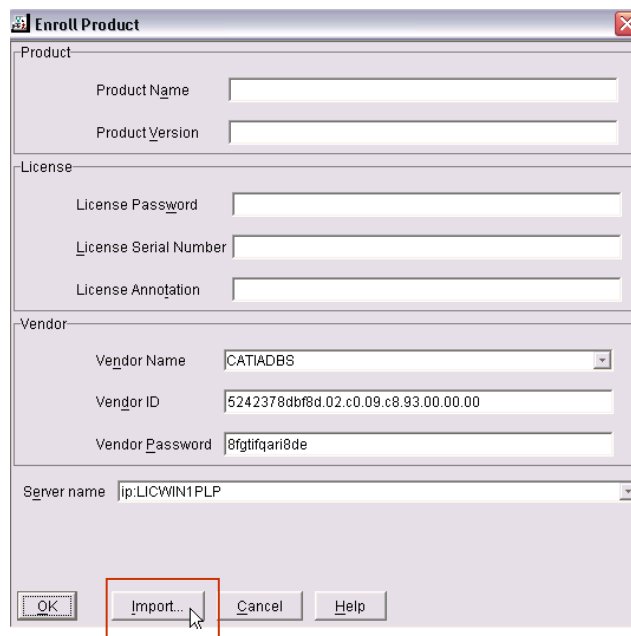
Enrolling the Concurrent License

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



6. Configuring 3D Tribon Importer

1. 3D Tribon Importer Configuration

In the case you want to modify the CATIA settings, the following one should be as shown.

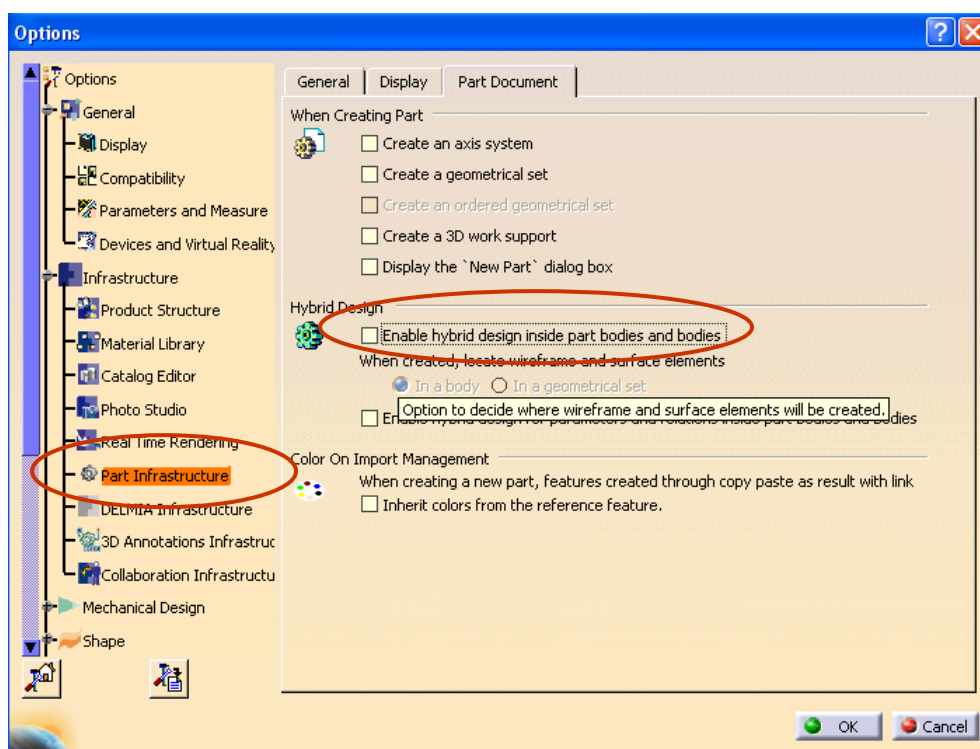
The settings created by the user after launching the CT9 application will be saved in the CT9Settings folder in the root installation directory.



1. Launch 3D TRIBON Interface application by double clicking the CT9 icon on the desktop.
2. Select Tools / Options...

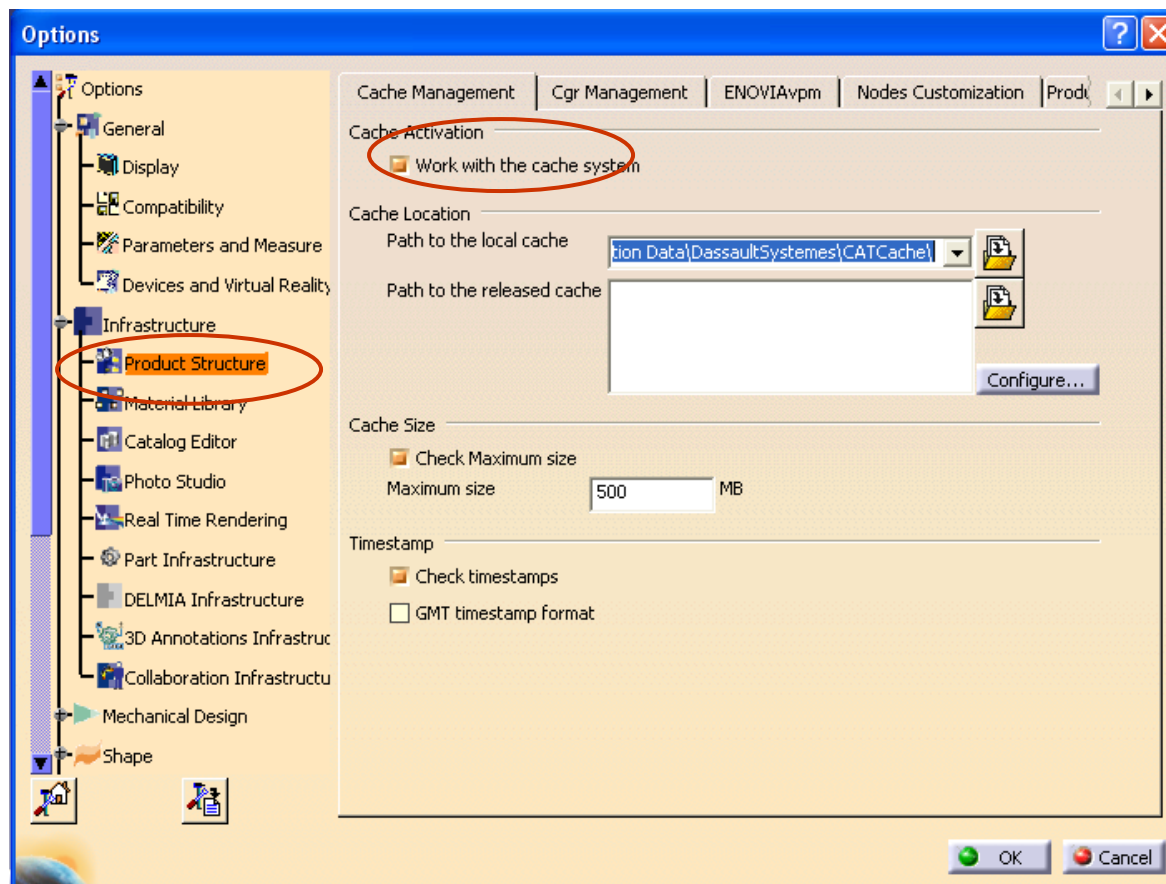
In Part Document/ Hybrid Design

Uncheck the “Enable Hybrid design inside part bodies and bodies” option if it is checked.



3. Validate *Ok* on the Options Panel.
4. If the user wants to load the Translated product in Visualization mode when CATProduct+CATPart is selected then check the Work with cache system.

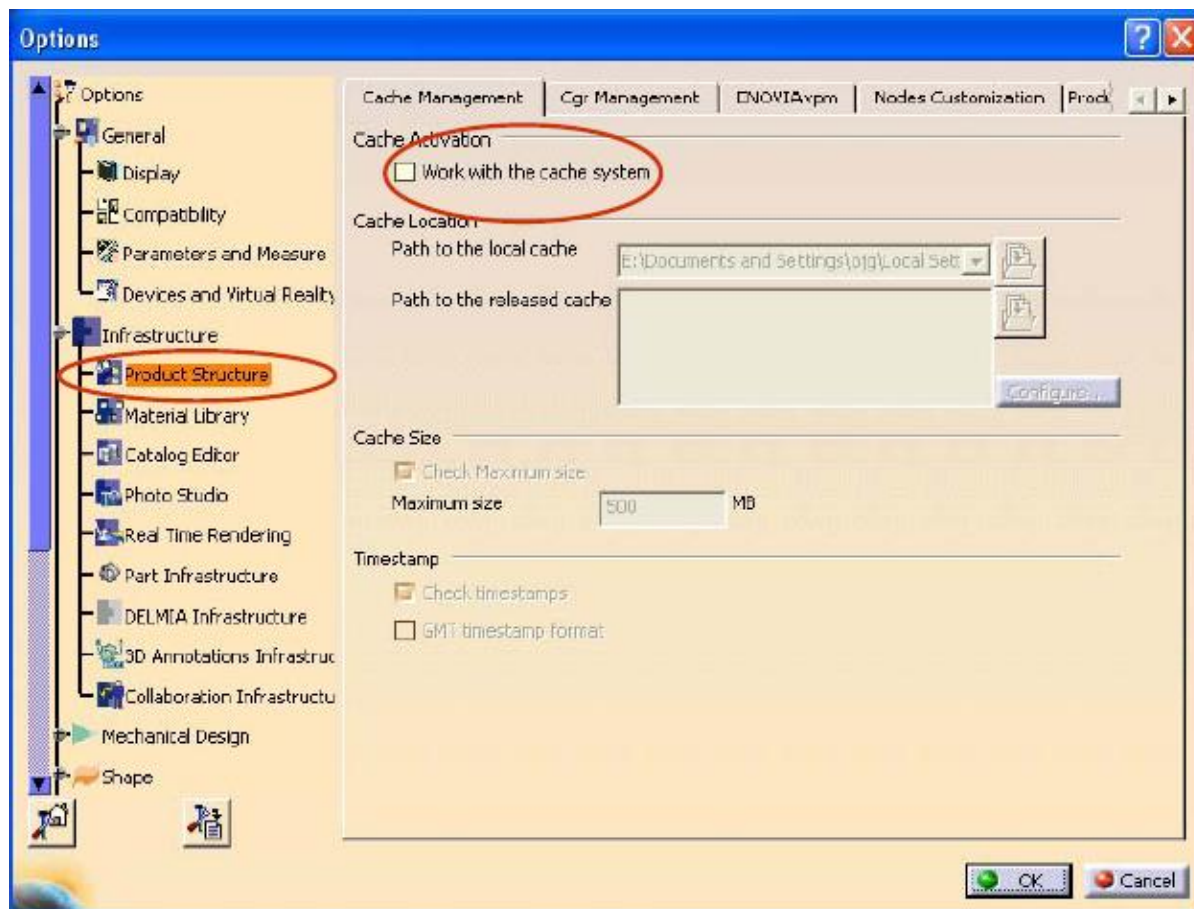
Select Product Structure in Infrastructure, under Cache Management tab Check the check box
“Work with the cache system”



5. Validate *Ok* on the Options Panel.

6. If the user wants to load the Translated product in Design mode when CATProduct+CATPart is selected then uncheck the Work with Cache system.

Select Product Structure in Infrastructure, under Cache Management tab UnCheck the check box
“Work with the cache system”



7. Validate OK on the Options panel.

8. To activate the trace log user has to Set these environments in the CATEnv file in the Installed Folder.

ISPCT9LEVEL

ISPCT9LOG

If the user want these Traces on the Console then is to set ISPCT9LOG to "CONSOLE", or if he wants it in the Log file then he has set ISPCT9LOG to "LOG". User can also find traces on both Log as well as on Console by setting ISPCT9LOG to "LOG_CONSOLE".

To activate the Trace user has to set ISPCT9LEVEL to 1 or if he wants the detailed traces then he can set it to 2.

The Log file is created in the Dassault Systèmes CATTemp folder of the Home Directory of the user.

9. Exit CT9 and Launch the application again.

10. Implementation of the Error Trace Logs.

To activate the trace log user has to declare these environments

ISPCT9LEVEL

ISPCT9LOG

If the user want these Traces on the Console then is to set ISPCT9LOG to "CONSOLE", or if he wants it in the Log file then he has set ISPCT9LOG to "LOG". User can also find traces on both Log as well as on Console by setting ISPCT9LOG to "LOG_CONSOLE".

To activate the Trace user has to set ISPCT9LEVEL to 1 or if he wants the detailed traces then he can set it to 2.

The Log file is created in the Dassault Systèmes CATTemp folder of the Home Directory of the user.

Show below an e.g. and Content of the Log file.

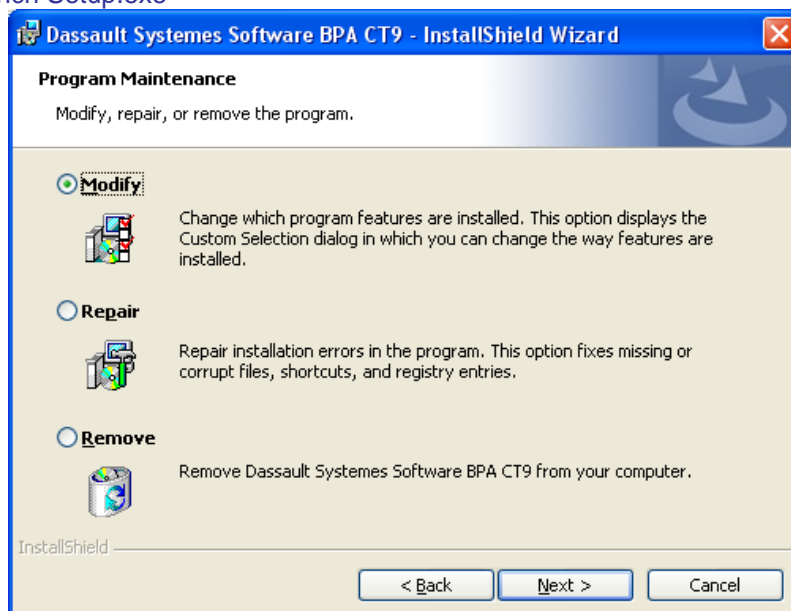
```

E:\Program Files\Dassault Systèmes\B19\intel_a\code\bin\CNEXT.exe
----->ISPCT9TRBT2CPrdToolBar::CreateToolbars(<> Function
Selecting an XML file
XML file is selected C:\Documents and Settings\OJG\My Documents\mails\Case7-CurvedFlange.xml
Checking all Inputs
Format = CATProduct
SHAPE = Solid
Contour = Detail
Optional = _Stiffener is Selected
Optional = _Hole is Selected
In ProgressTask function
-----START TIME-----
Tuesday, August 05, 2008 5:12:51 PM
----->ISPCT9TRBT2CXMLTransfDlgCmd::GetIcon(<> Function
----->ISPCT9TRBT2CXMLTransfDlgCmd::PerformTask (<> Function
-- Create a directory --
----->ISPCT9TRBT2CController::ParseXml Function
-- Parse the XML document --
<-----ISPCT9TRBT2CController::ParseXml Function
----->ISPCT9TRBT2CController::TransformObject Function
----->ISPCT9TRBT2CTransformer::Transform Function
ISPCT9TRBT2CTransformer::Transform Function <-----
<-----ISPCT9TRBT2CController::TransformObject Function
----->ISPCT9TRBT2CModeler : Run Function
<-----ISPCT9TRBT2CModeler : Run Function
----->ISPCT9TRBT2CXMLTransfDlgCmd::LoadSavedDocuments(<> Function
<-----Loading Saved Documents
<-----ISPCT9TRBT2CXMLTransfDlgCmd::PerformTask
-----End Of LOG-----
-----End TIME-----
Tuesday, August 05, 2008 5:13:32 PM
Translation Completed

```

7. Modifying or uninstalling 3D Tribon Importer

a. Launch Setup.exe



b. Select Remove / Repair. The installation is repaired or uninstalled accordingly. After Uninstall, the following dialog appears indicating successful completion of installation. And can also be checked for the icon on desktop, in Add remove programs, and also the installation folder, after installation the icon will disappear from the desktop, and the files from the installation folder will be removed

