

Kinematics Merging Tools (CH9)

BPA Delivery 8 for V5R20 (V5.8)

Installation Guide

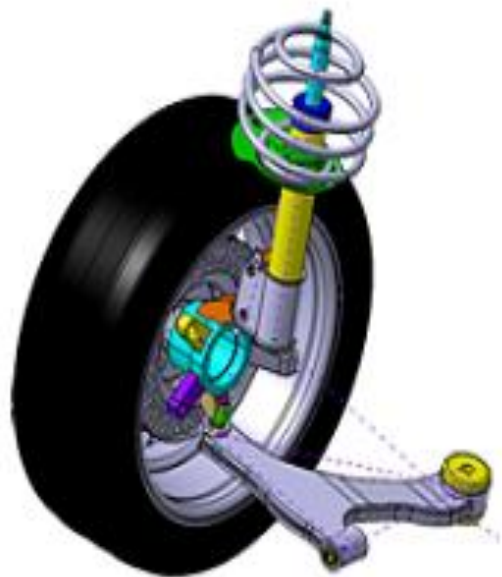


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Introduction

This document describes the installation procedure for the BPA Kinematics Merging Tools.

Prerequisite

To install correctly this product, you need following products.

- CATIA - DMU Kinematics Simulation 2 (KIN)
- CATIA - Product Knowledge Template – 1 (KT1)
- PPR PDM Gateway – 1 (PX1)

CH9 requires the use of the following operating systems:

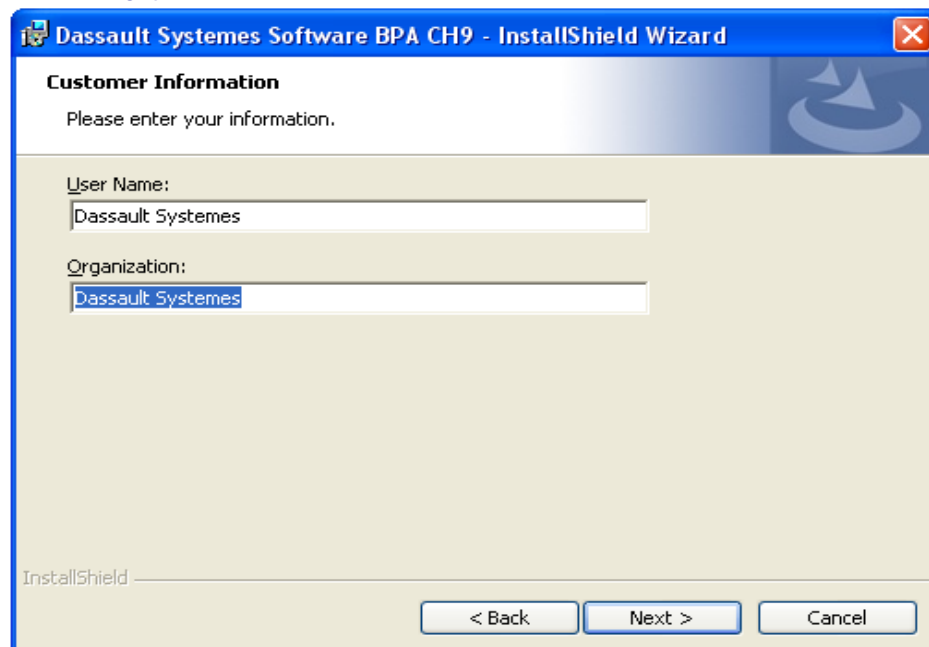
- Microsoft® Windows XP Professional 32 bit, Service pack 3
- Microsoft® Windows XP Professional 64 bit, Service pack 3
- Microsoft® Windows 7 Professional 64 bit

Kinematics Merging Tools Installation

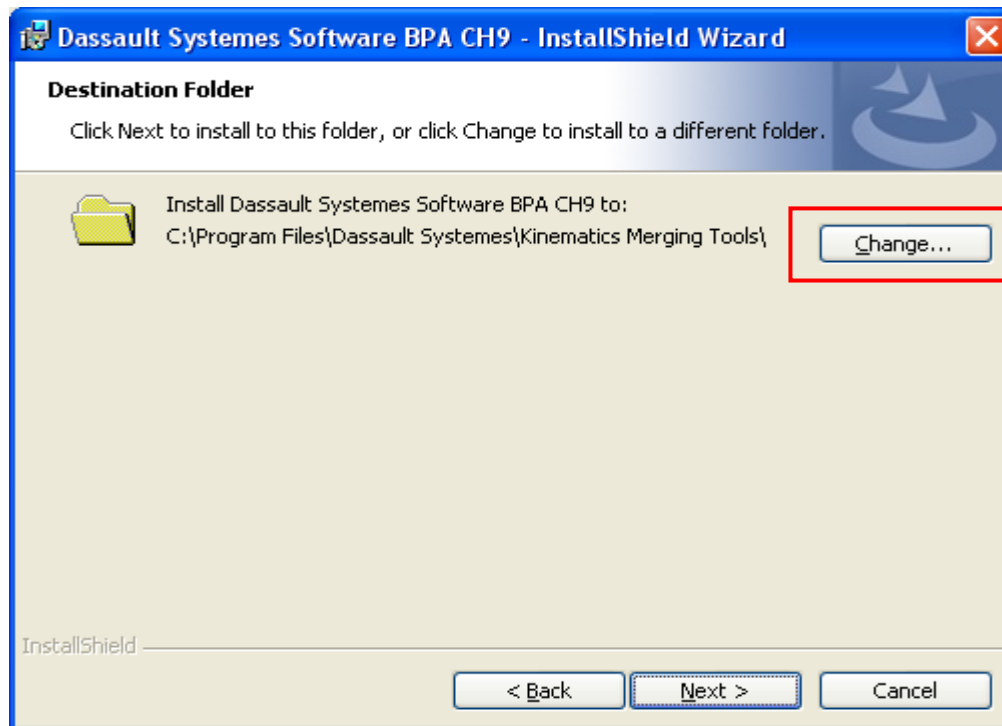
1. Launch Setup.exe or "Dassault Systemes Software BPA CH9.msi"



2. Next

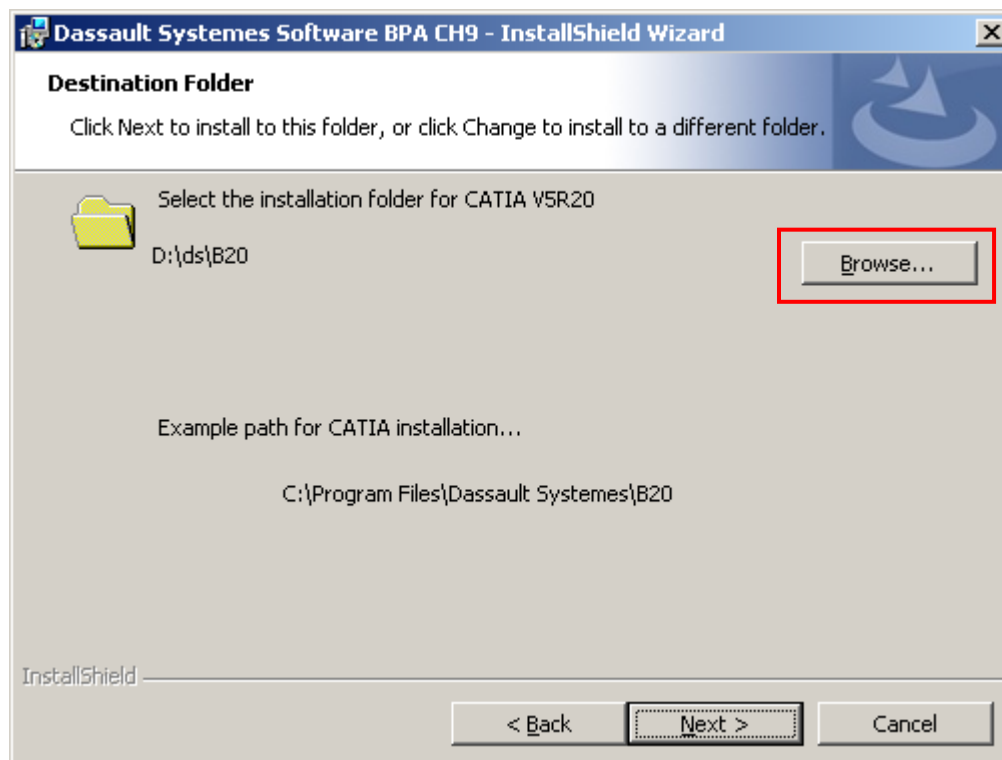


3. Fill Correct User Name and Company Name
4. Click Next
5. Choose a good Destination folder for installing the BPA Kinematics Merging Tools.

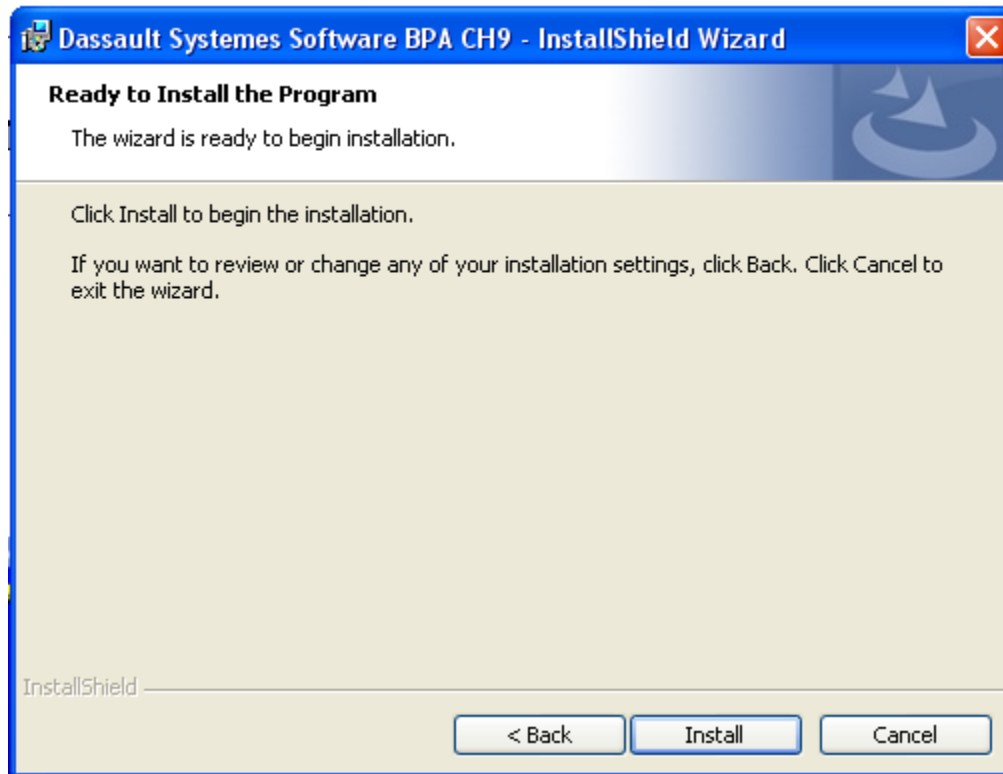


Click Next to create a new folder for installation or click Change to change the default folder and click Next.

6. Select CATIA R20 Installation Path



7. Select Next



8. Select Install and successfully exit the installation clicking on Finish



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 CH9.msi" INSTALLDIR="C:\Program Files\DASSAULT SYSTEMES Systemes\Kinematics Merging Tools"
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\Kinematics Merging Tools"
DASSAULT_SYSTEMES_BXX	The Installation Directory for the CATIA application (upto Dassault Systemes\B20)	"C:\Program Files\Dassault Systemes\B20"

Uninstalling Kinematics Merging Tools

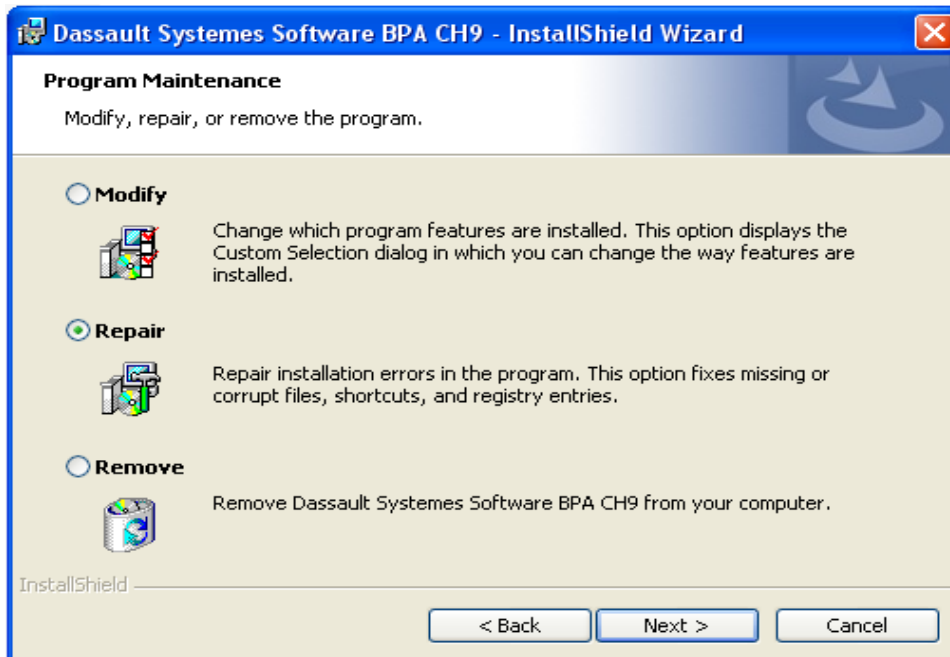
Uninstalling Kinematics Merging Tools

The purpose is to uninstall the BPA.

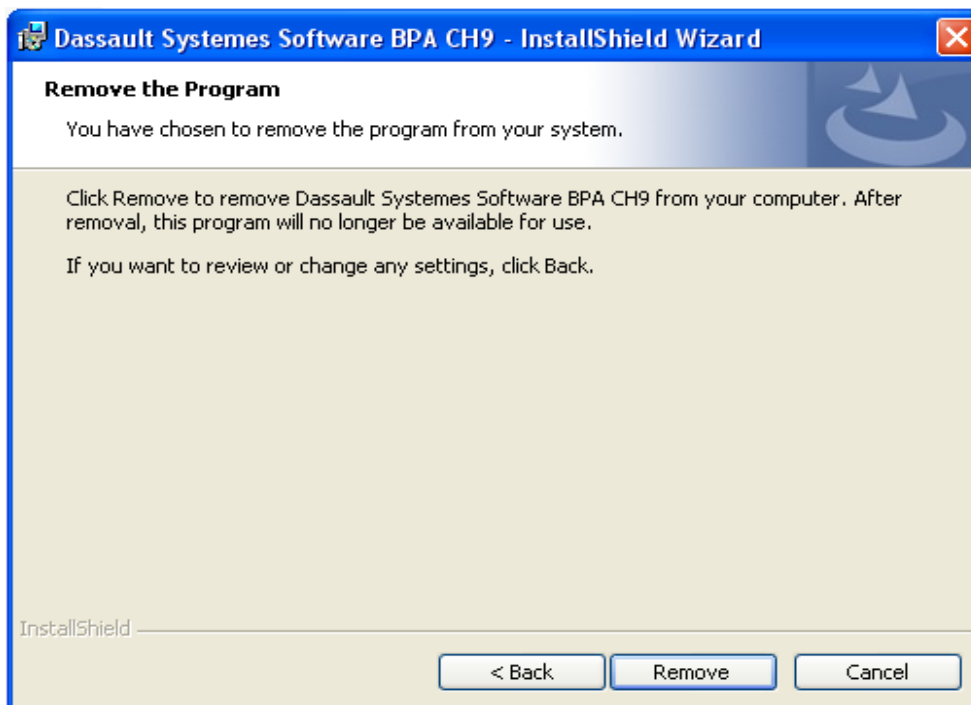
1. Launch Setup.exe or “Dassault Systemes Software BPA CH9.msi” and select Next.



2. Select Next



3. Select Remove / Repair. The installation is repaired or uninstalled accordingly.



4. Click Remove to Uninstall. After Uninstall, the following dialog appears indicating successful completion of Un-installation.



5. Select Finish successfully exit the Uninstall process.

Successful Uninstall can also be checked for the icon on desktop, in Add remove programs, and also the installation folder. After Un-installation the icon will disappear from the desktop, and the files from the installation folder will be removed.

License Management

Information

Software Requirements:

- The license server should have IBM LUM 4.6.8.3 installed

Kinematics Merging Tools 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

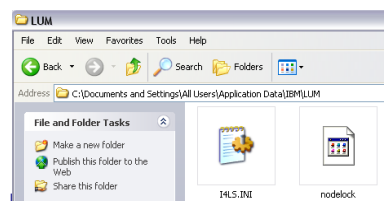
Appendix A : Creating a Nodelock file

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:



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license from DASSAULT SYSTEMES

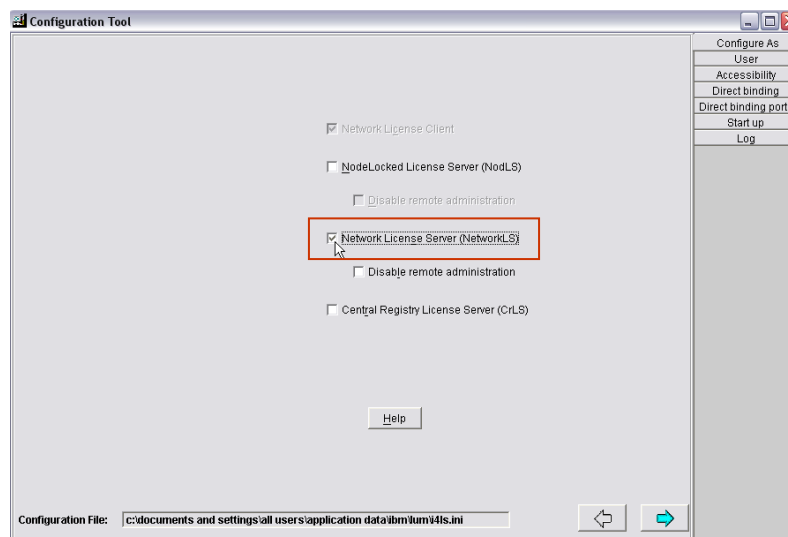
CH9 from 15-May-09 to 14-Jul-10
c6c8ef44bcb7.4a.74.95.13.1f.00.00.00 r8ezikjzgsvk9fzf7fe3p2gn3eaa "" "1"

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

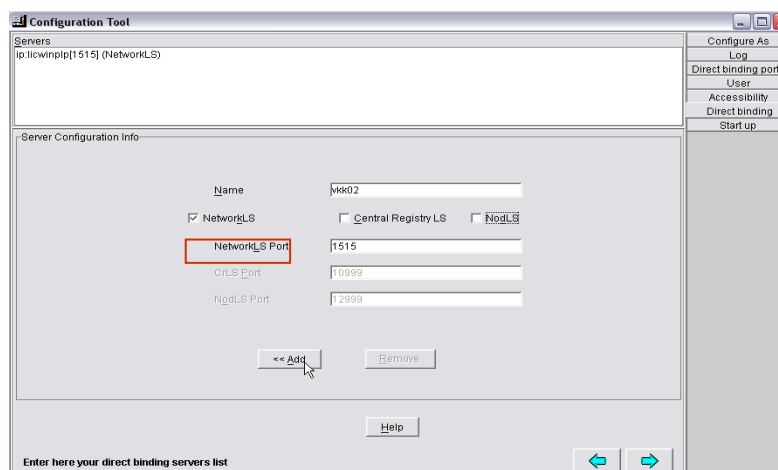
Setting up the Network License server:

Start > Programs> License Use Runtime > Configuration tool

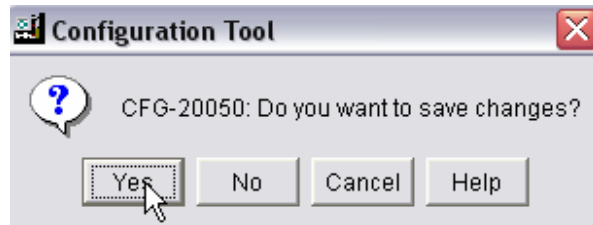
- Stop the service if needed using the Service Manager Tool.
- Ensure that the option for Network License Server is selected



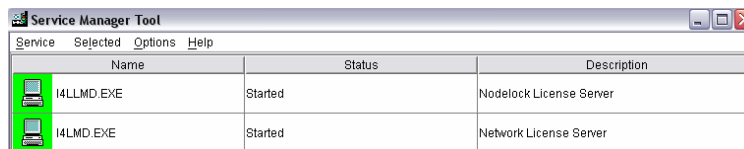
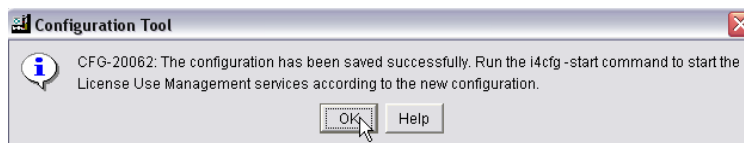
- Switch to the Direct Binding tab.
- In the Name field enter the machine name
- Check the box for NetworkLS and click on Add button



- Close the Configuration Tool window and validate accepting the changes



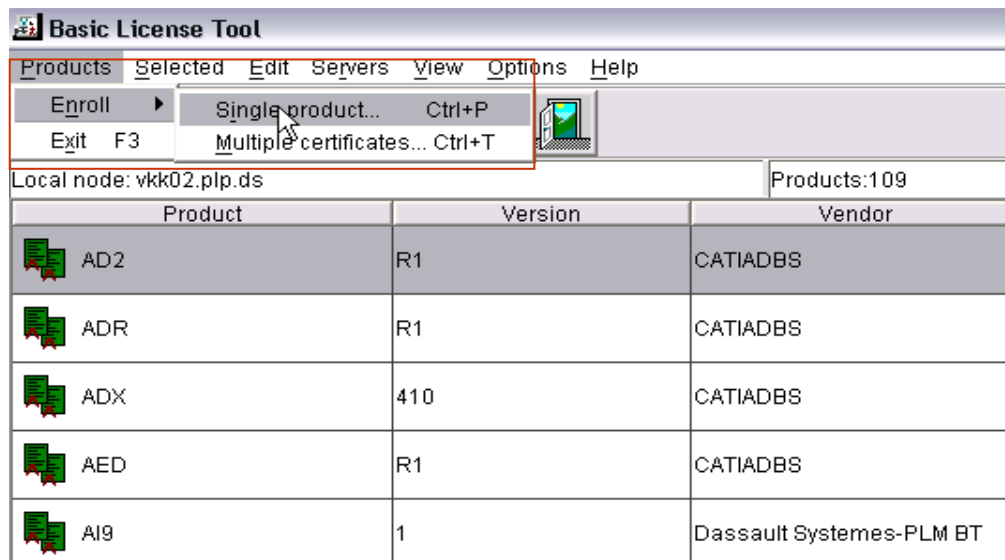
- Pass the message to restart the service (if previously it was stopped)



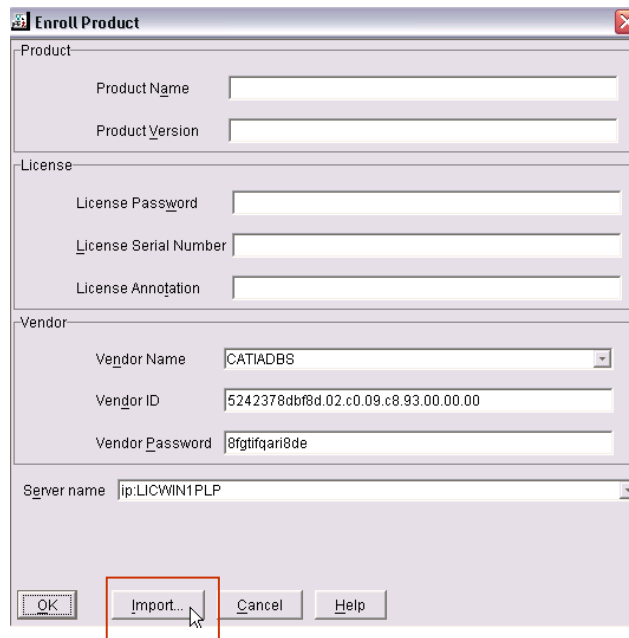
Enrolling the Concurrent License

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



The image shows a Windows-style dialog box titled "Enroll Product". It contains several input fields organized into sections: "Product" with "Product Name" and "Product Version"; "License" with "License Password", "License Serial Number", and "License Annotation"; and "Vendor" with "Vendor Name" (a dropdown menu showing "CATIADBS"), "Vendor ID" (a text field with a long alphanumeric string), and "Vendor Password". Below these sections is a "Server name" dropdown menu showing "ip:LICWIN1PLP". At the bottom of the dialog are four buttons: "OK", "Import..." (which is highlighted with a red rectangle and a mouse cursor), "Cancel", and "Help".