

Kinematics Merging Tools (CH9)

BPA Delivery 7 for V5R19 (V5.7)

Installation Guide

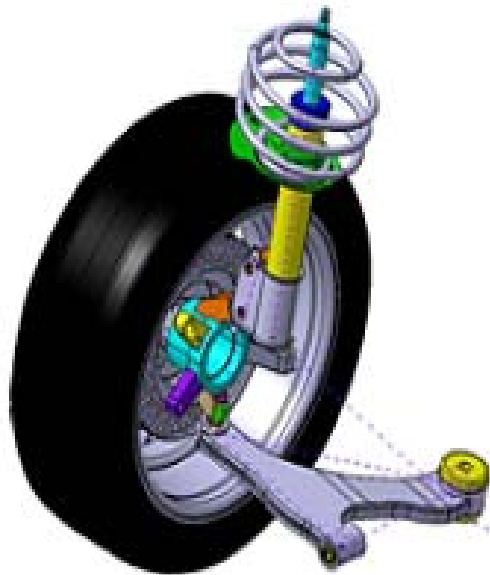


Table of Contents

<i>Table of Contents</i>	<i>1</i>
<i>Copyright Notice.....</i>	<i>3</i>
<i>Introduction.....</i>	<i>4</i>
<i>Prerequisite.....</i>	<i>5</i>
<i>Kinematics Merging Tools Installation</i>	<i>6</i>
<i>Uninstalling Kinematics Merging Tools.....</i>	<i>10</i>
Uninstalling Kinematics Merging Tools	10
<i>License Management</i>	<i>13</i>
Appendix A : Creating a Nodelock file.....	13
Appendix B : Enrolling a Concurrent license on the Network license server	14

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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:

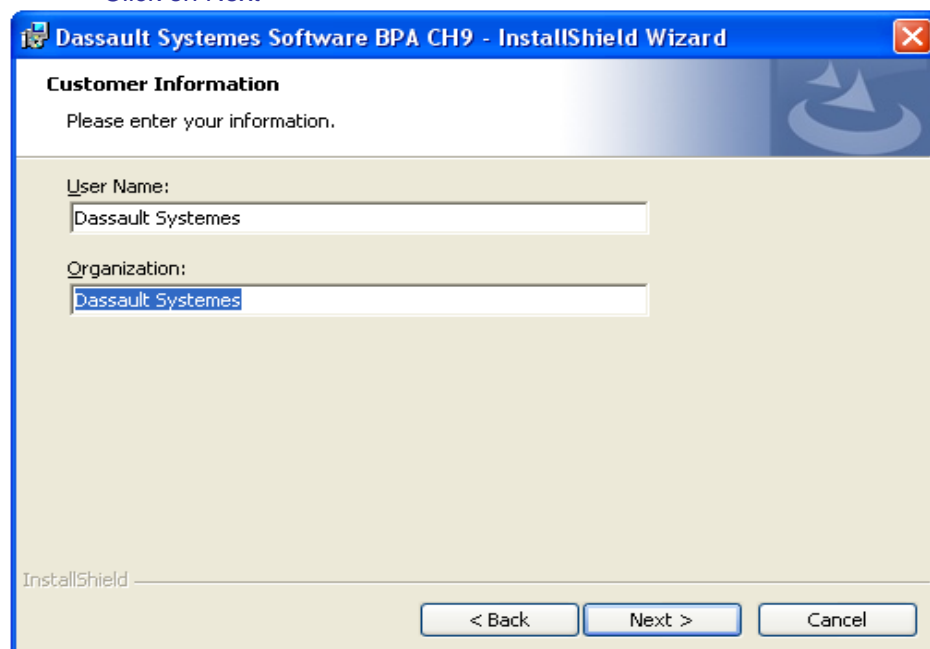
- Microsoft® Windows XP Professional 32 bit, Service pack 2
- Microsoft® Windows XP Professional 64 bit, Service pack 2

Kinematics Merging Tools Installation

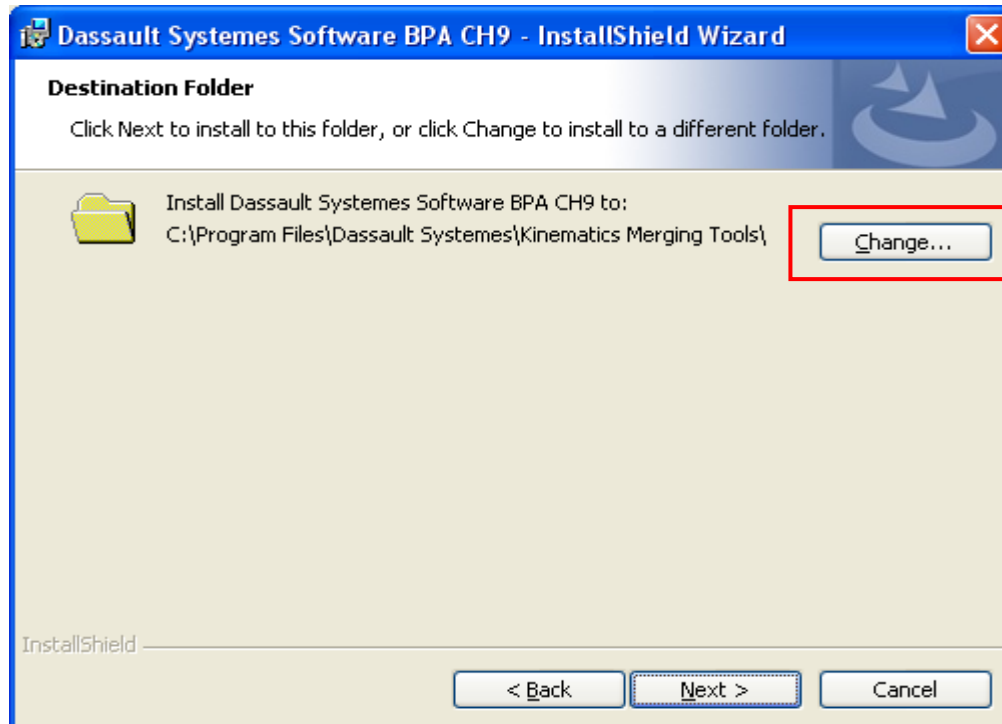
- Launch Setup.exe or "Dassault Systemes Software BPA CH9.msi"



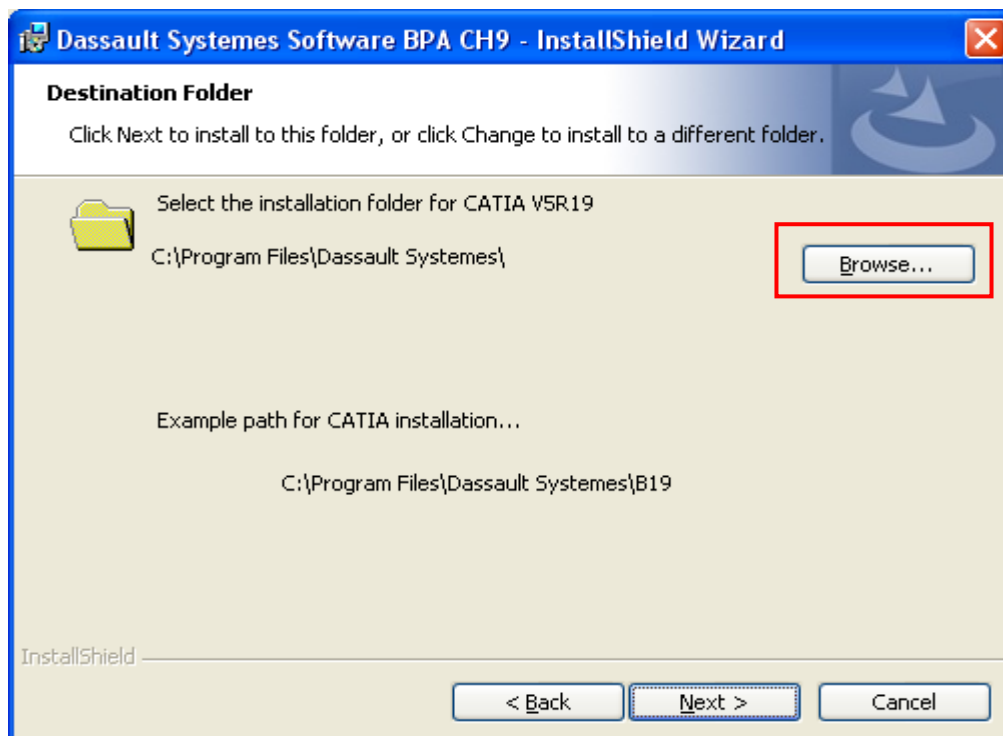
- Click on Next



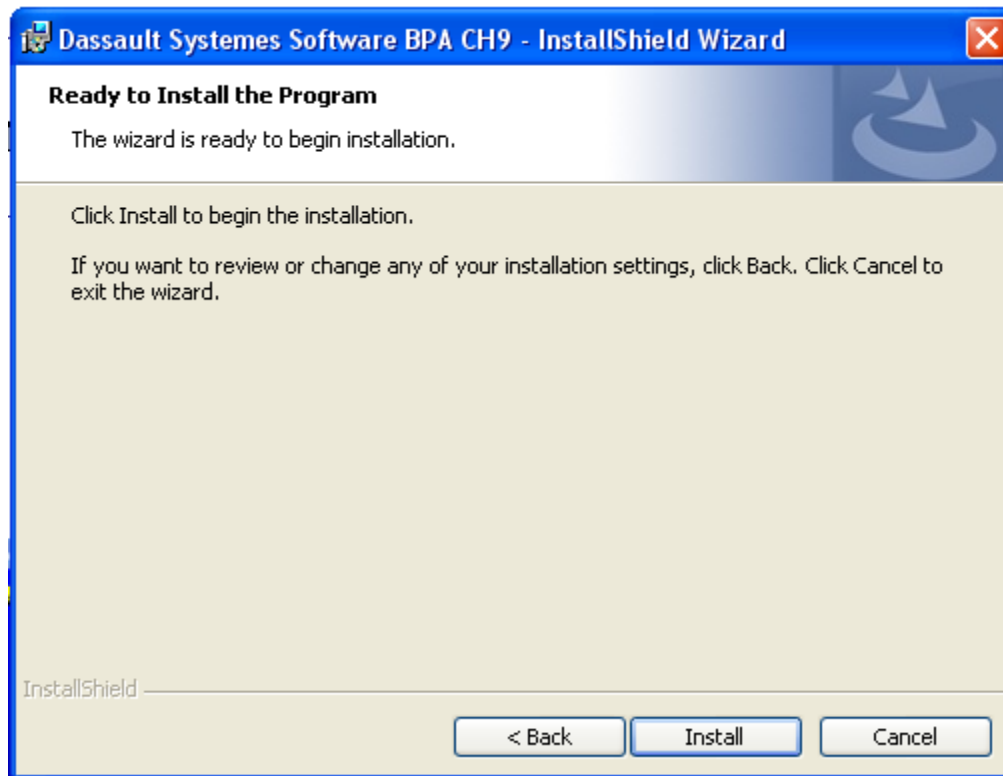
- Fill Correct User Name and Company Name
- Click on Next
- Choose a good Destination folder for installing the BPA Kinematics Merging Tools.



- Click on Next to create a new folder for installation or click Change to change the default folder and click Next.
- Select CATIA R19 Installation Path



- Click on Next



- 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\B19" /! *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\B19)	"C:\Program Files\Dassault Systemes\B19"

Uninstalling Kinematics Merging Tools

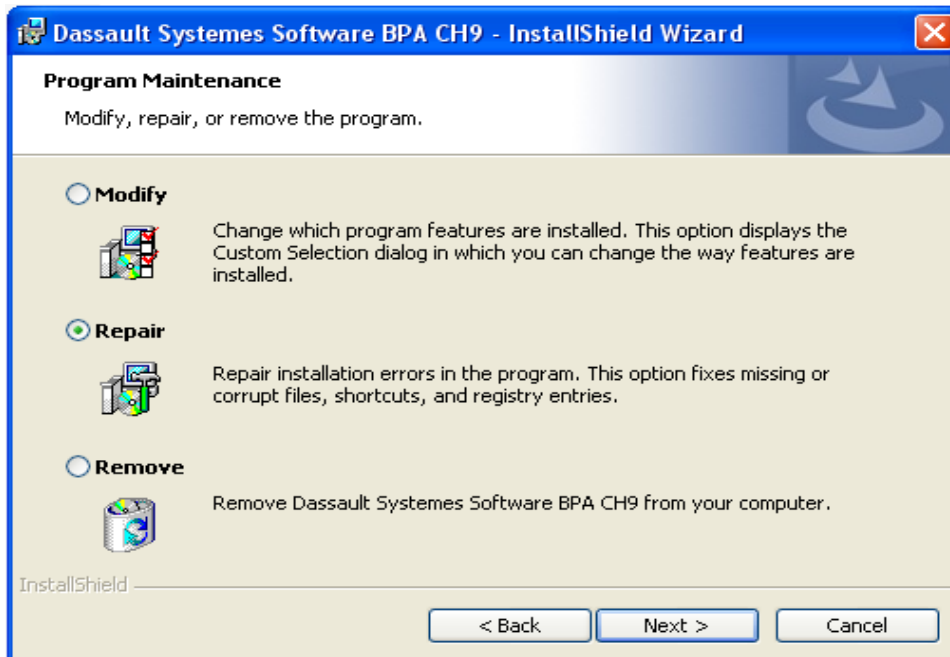
Uninstalling Kinematics Merging Tools

The purpose is to uninstall the BPA.

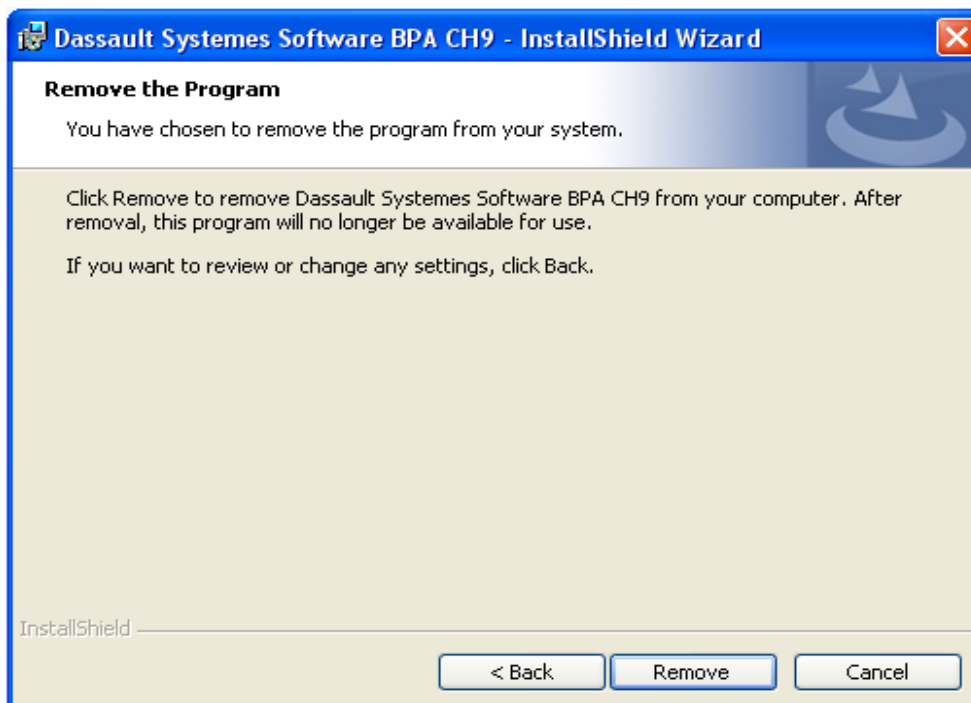
- Launch Setup.exe or “Dassault Systemes Software BPA CH9.msi” and select Next.



- Click on Next



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



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



- Click on Finish 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 or above installed

Kinematics Merging Tools V5.7 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:

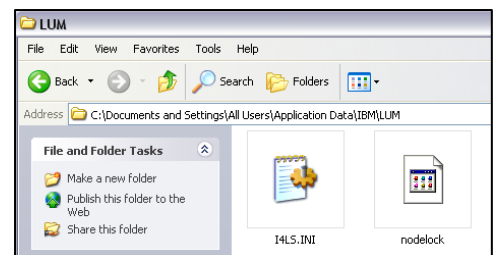
- For Nodelock type of license
 - Modify/ Create Nodelock file by inserting necessary information (VendorID, ProductPassword) - See Appendix A
- For Concurrent type of license
 - Enroll the license on the LUM server - See Appendix B

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\IBMLUM\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



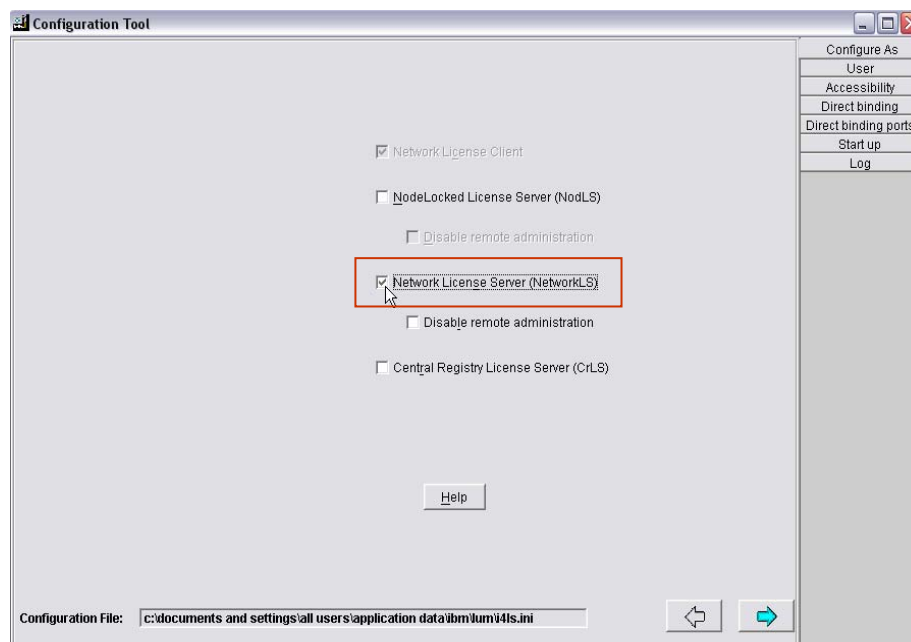
```
# CH9 from 15-May-09 to 14-Jul-10
c6c8ef44bcb7.4a.74.95.13.1f.00.00.00 r8ezikjzgsvk9fzf7fe3p2gn3eaa "" "1"
```

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

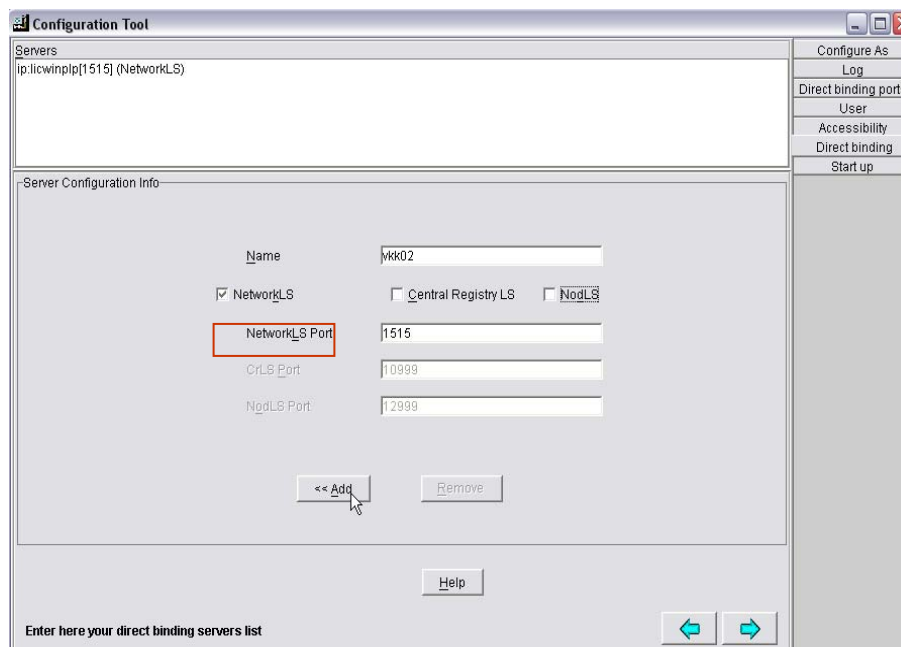
Setting up the Network License server:

Start > Programs> License Use Runtime > Configuration tool

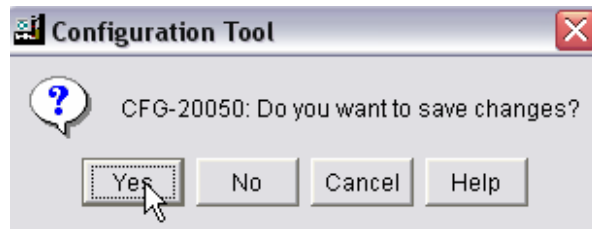
- Stop the service if needed using the Service Manager Tool.
- Ensure that the option for Network License Server is selected



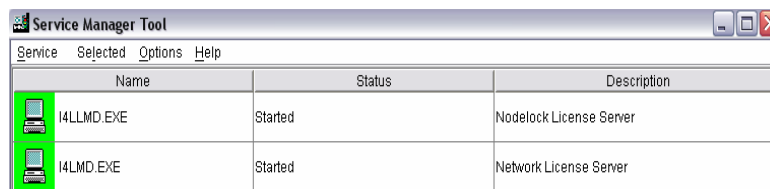
- Switch to the Direct Binding tab.
- In the Name field enter the machine name
- Check the box for NetworkLS and click on Add button



- Close the Configuration Tool window and validate accepting the changes



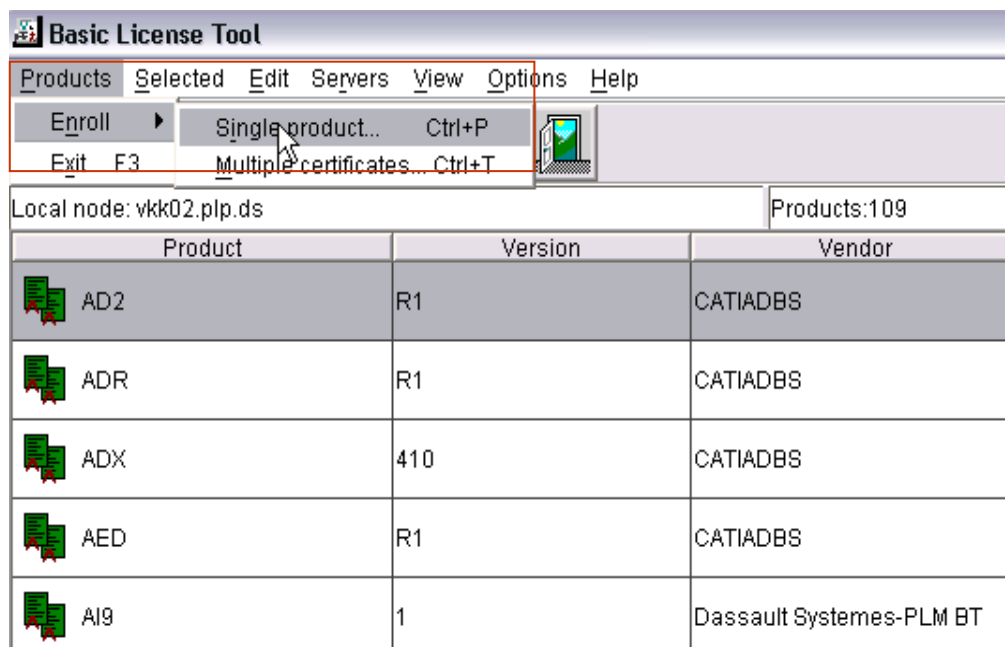
- Pass the message to restart the service (if previously it was stopped)



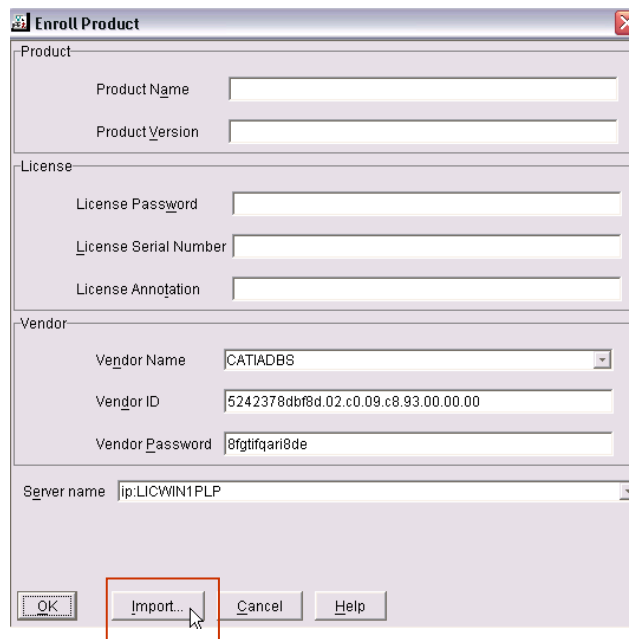
Enrolling the Concurrent License

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" (containing a long alphanumeric string), and "Vendor Password" (containing another alphanumeric string). Below these sections is a "Server name" dropdown menu showing "ip:LICWIN1PLP". At the bottom of the dialog are four buttons: "OK", "Import...", "Cancel", and "Help". The "Import..." button is highlighted with a red rectangular box, and a mouse cursor is pointing at it.