

Progressive Die Strip Layout Design (SL9) BPA

Delivery 8 for V5R20 (V5.8)

Installation Guide

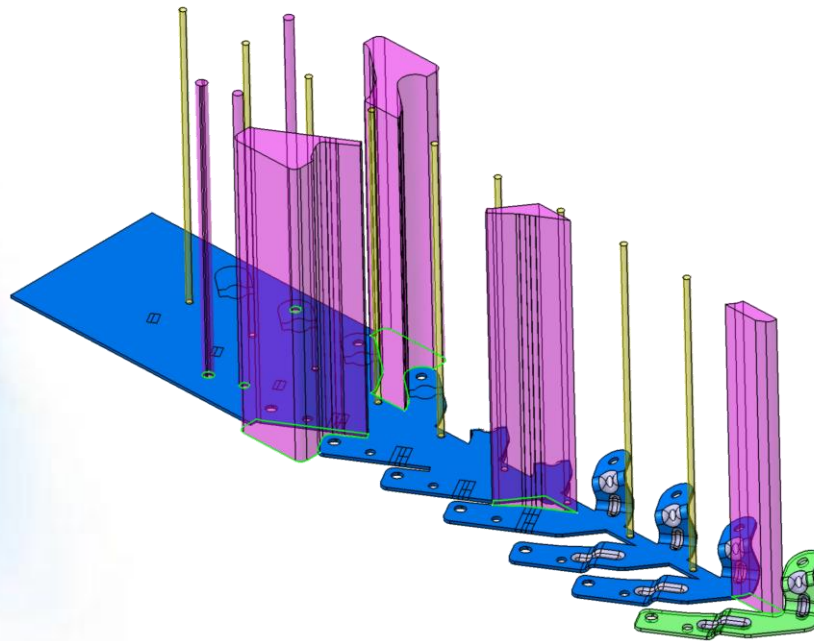


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Introduction

- This document describes the installation procedure for Progressive Die Strip Layout Design BPA.

Before Installing

- Read this document and ensure you have CATIA V5 R20GA (pre-required) / SP1 (recommended) installed on your computer, with the appropriate license.

1. Prerequisite for Progressive Die Strip Layout Design Installation

Hardware requirements

PC with Windows XP SP3

Software requirements

- Code Level Minimum:

 CATIA V5R20 GA(pre-required)/ SP1(recommended)

- Recommended Configuration:

 PLM Express Version 2 offer or equivalent: CAT + FPE (KT1, SMD and FR1 are mandatory)

 **CAT:**

**COM+V4I+ID1+GDR+CC1+RT1+IG1+PD1+AS1+
WS1+KT1+KE1+ST1+CD1+TDM**

 **FPE:**

WD1+FR1+TG1+SMD

2. DS Product Licensing

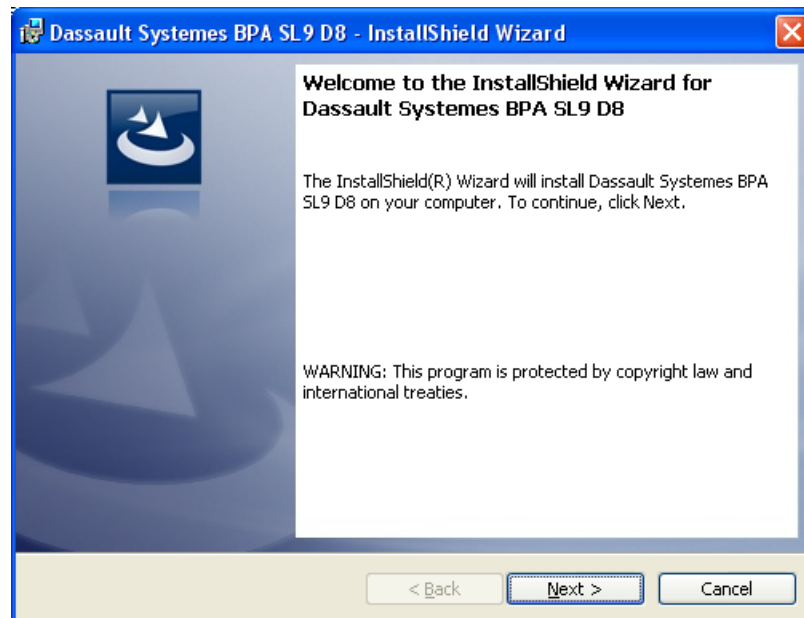
- Base of MD2 or similar + KT1 + SMD + FR1

3. Hardware recommendations

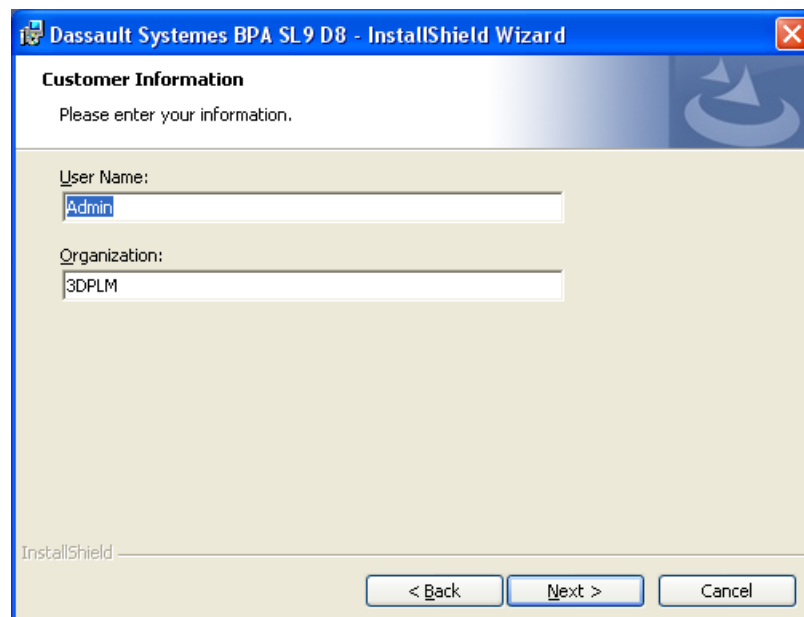
PC with Windows XP SP3 (same configurations than for MD2 CATIA V5 package)

Progressive Die Strip Layout Design: Installation

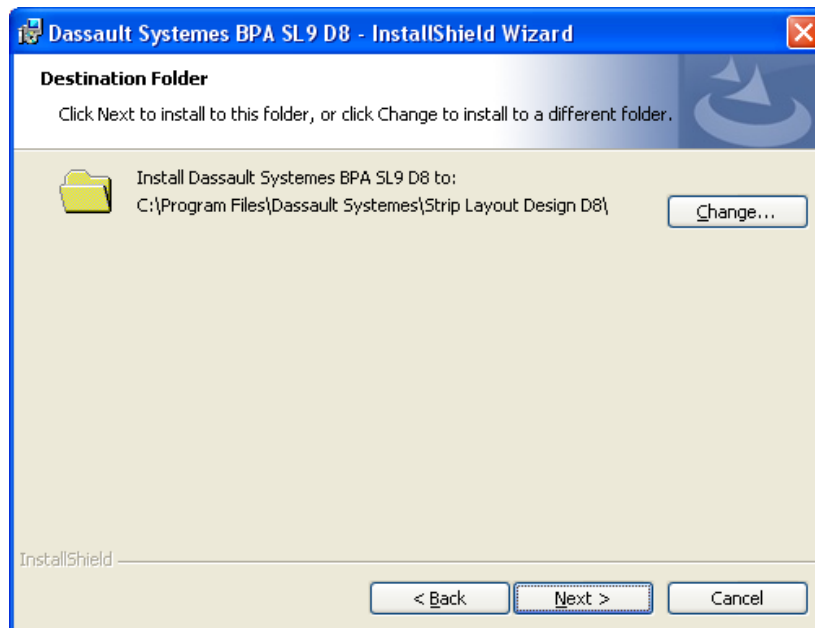
1. Unzip the Setup.intel_a.zip on your local machine and launch setup.exe for installation of SL9 BPA on 32 bit machine. For 64 bit use Setup.win_b64.zip



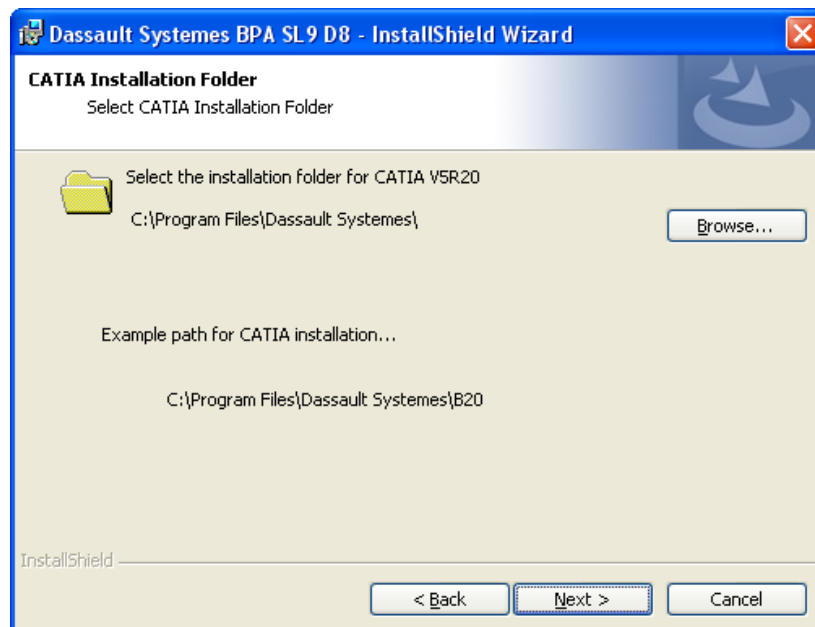
2. Click Next



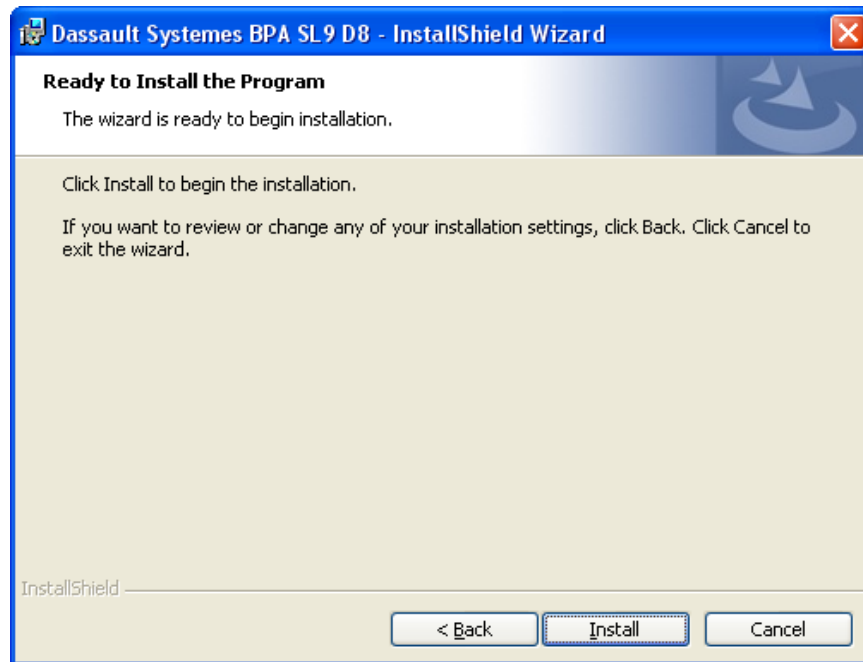
3. Enter appropriate user name and the company name (user name with Admin privileges is required)
4. Click Next.
5. Choose SL9 Installation directory anywhere on your computer (SL9 will install all necessary data in this directory and will also create a directory into which the user settings will be created).



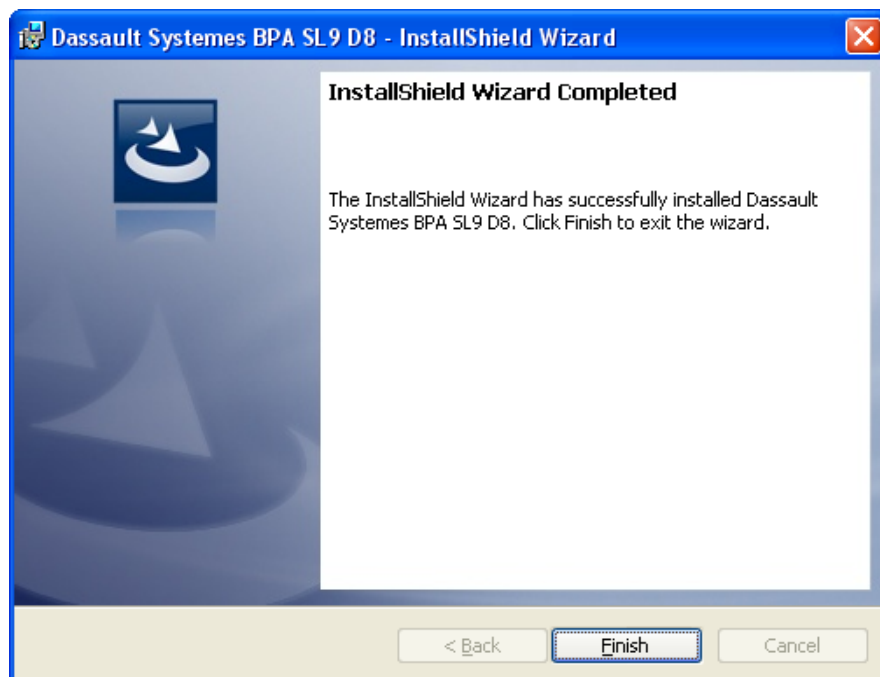
6. Click Next.
7. Select CATIA V5R20SP1 (or higher) installation path on your computer.



8. Click Next.



9. Select install



10. Select Finish (you have successfully installed the Progressive Die Strip Layout Design BPA) On your desktop, you will find a new icon like the following one:



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 SL9.msi" INSTALLDIR="C:\Program Files\Dassault Systemes\Strip Layout Design" 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\Strip Layout Design"
DASSAULT_SYSTEMES_BXX	The Installation Directory for the CATIA application (upto Dassault Systemes B20)	"C:\Program Files\Dassault Systemes\B20"

Progressive Die Strip Layout Design Settings

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 SL9 application will be saved in the SL9Settings folder in the root installation directory.



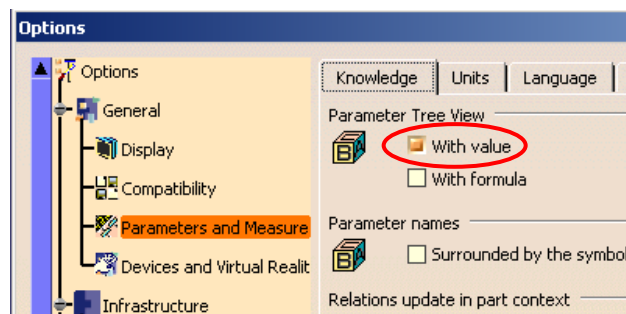
1. Launch Strip Layout Definition application by double clicking the SL9 icon on the desktop.
2. Select Tools / Options...

In General / Parameters and Measures:

 In the “Knowledge” tab:

 In the “Parameter Tree View” section:

 Choose “With value”

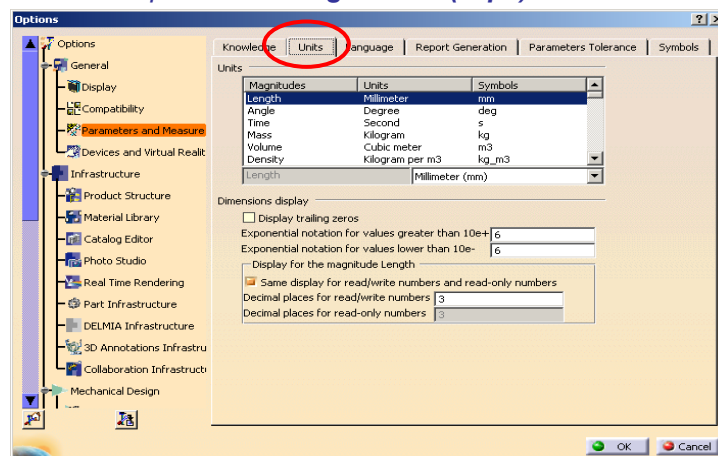


 In Units tab:



 Set the Length in **Milimeter (mm)**

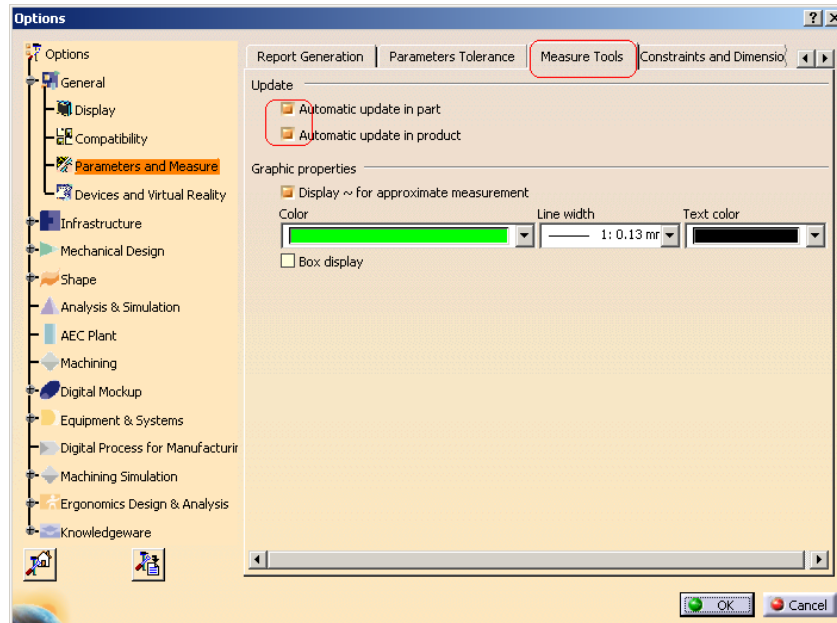
 Set the Force in **DecaNewton (daN)**

 Set the pressure in **MegaPascal (Mpa)**







 In Measure Tools tab:

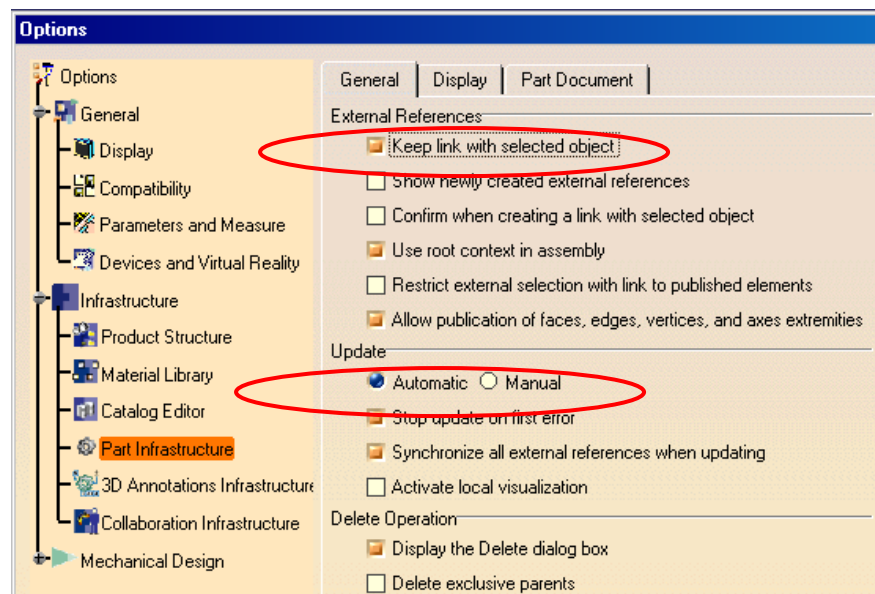
-  Choose “Automatic update in part”.
-  Choose “Automatic update in product”.



 In Infrastructure / Part infrastructure:

 In the “General” tab:

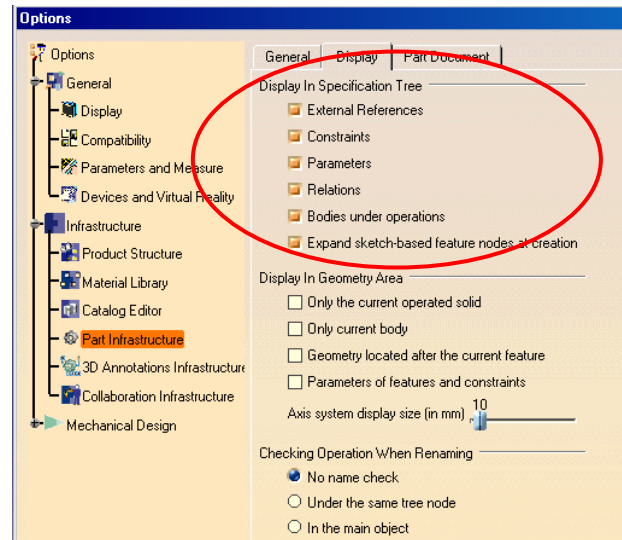
-  In “External References” section:
 -  Choose “Keep link with selected object”.
-  In “Update” section:
 -  Choose “Automatic”.



👤 In the “Display” tab:

👤 In “Display in Specification Tree” section:

➡ Activate all options.



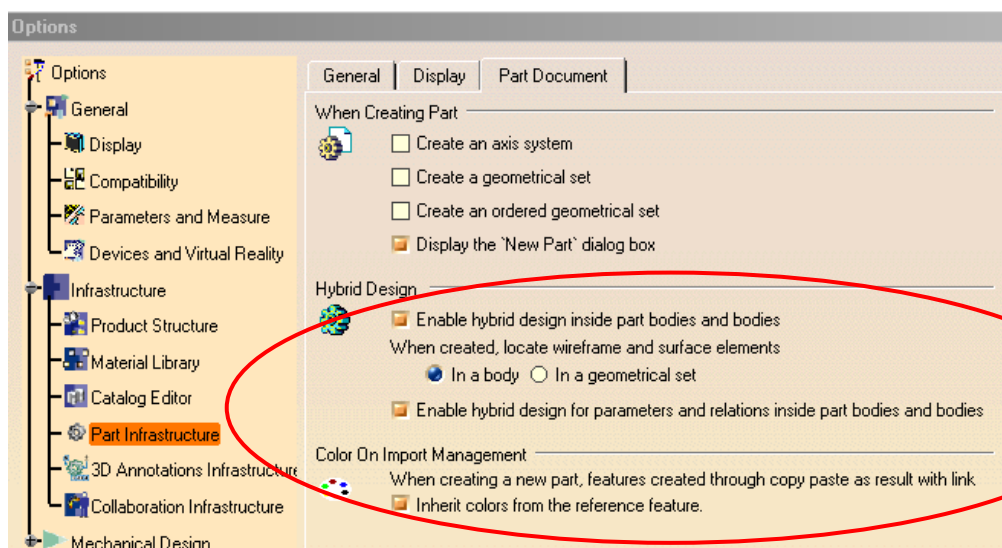
👤 In the “Part Document” tab:

👤 In “Hybrid Design” section:

➡ Activate "Enable hybrid design inside part bodies and bodies" with the “In a body” sub-option

👤 In “Color On import management” section:

➡ Activate “Inherit colors from the reference feature”

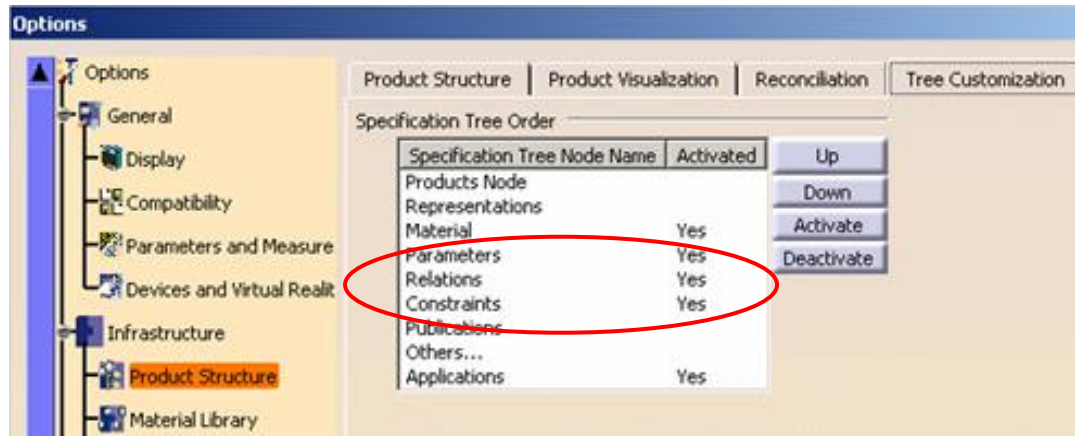


➤ **In Infrastructure / Product Structure:**

👤 In the “Tree Customization” tab:

👉 In “Specification Tree Order” section:

👉 Activate “Parameters”, “Relations” and “Constraints”.

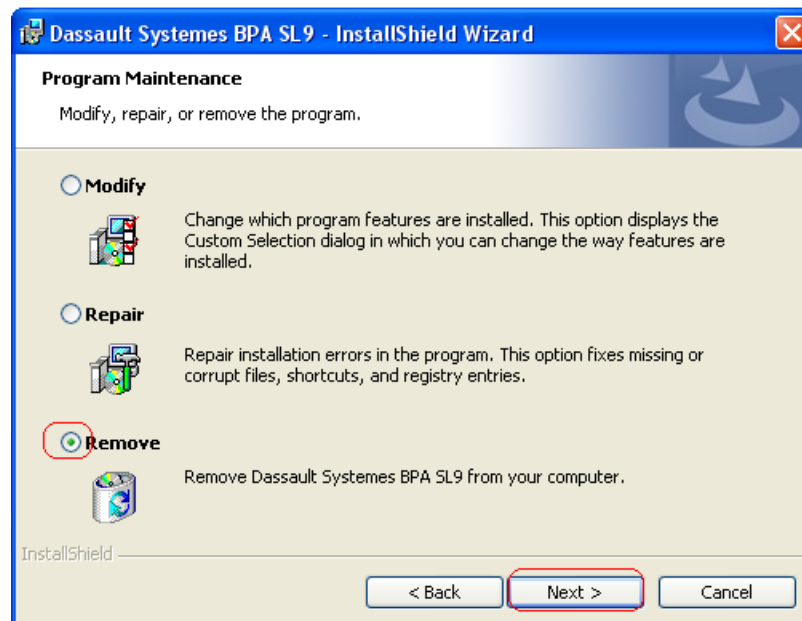


3. Validate *Ok* on the Options Panel.

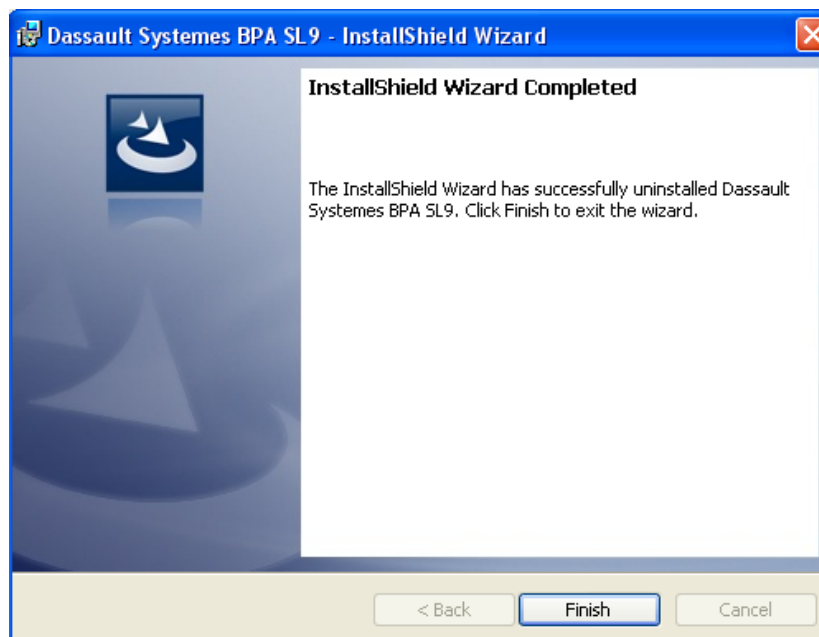
4. Exit SL9 and Launch the application again.

Progressive Die Strip Layout Design: Uninstall/ Repair

1. Launch SL9.exe



2. Select Remove / Repair. The installation is repaired or uninstalled accordingly. After Uninstall, the following dialog appears indicating successful completion of installation.



License Management

Information

Software Requirements:

- The license server should have IBM LUM 4.6.8.3 installed

Progressive Die StripLayout Design V 5.8 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

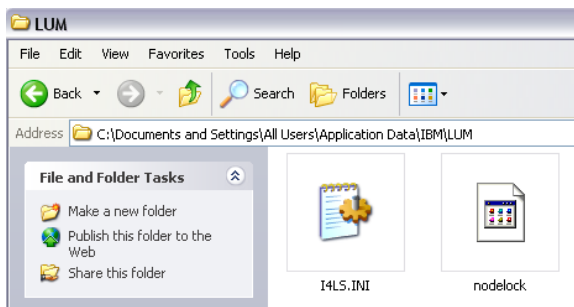
Appendix A : Creating a Nodelock file

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:



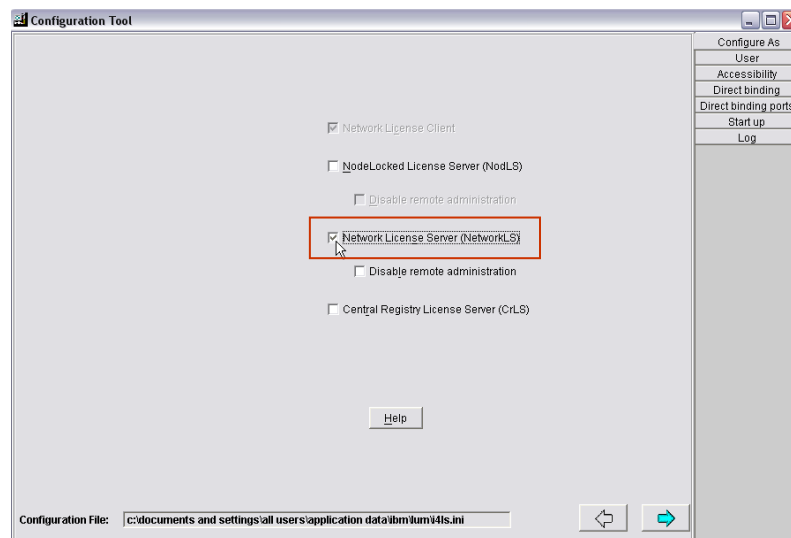
CP9 from 15-Jul-08 to 14-Jul-09
c6c8ef44bcb7.4a.74.95.13.1f.00.00.00 r8ezikjzgsvk9fzf7fe3p2gn3eaa "" "1"

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

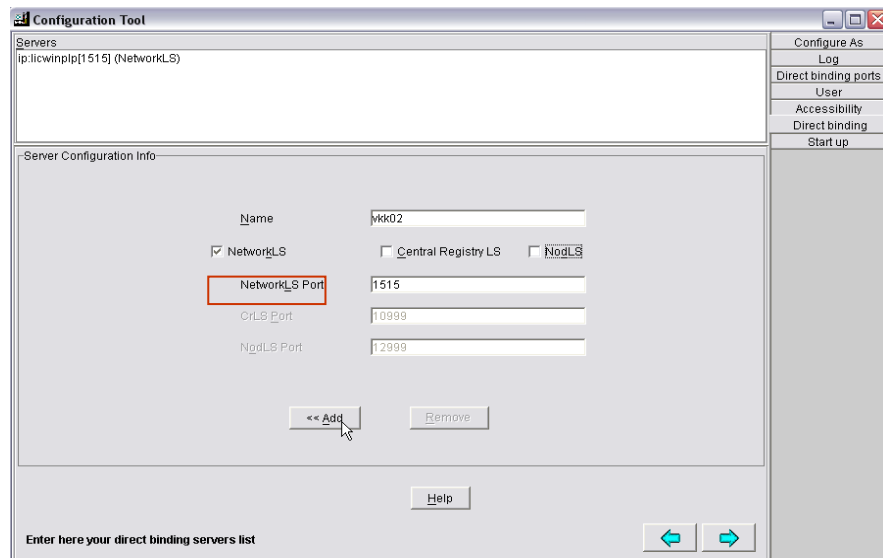
Setting up the Network License server:

Start > Programs> License Use Runtime > Configuration tool

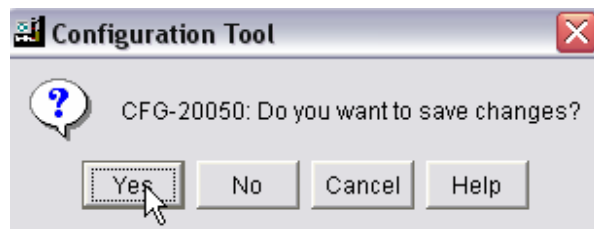
- Stop the service if needed using the Service Manager Tool.
- Ensure that the option for Network License Server is selected



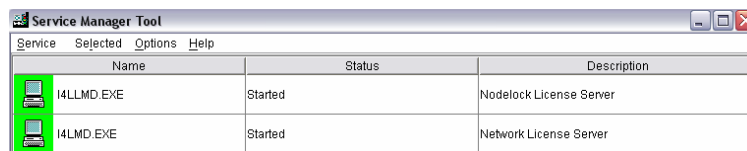
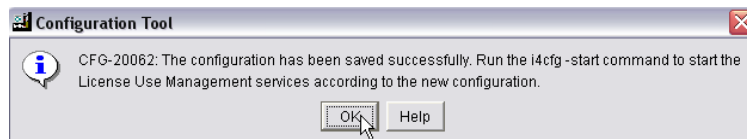
- Switch to the Direct Binding tab.
- In the Name field enter the machine name
- Check the box for NetworkLS and click on Add button



- Close the Configuration Tool window and validate accepting the changes



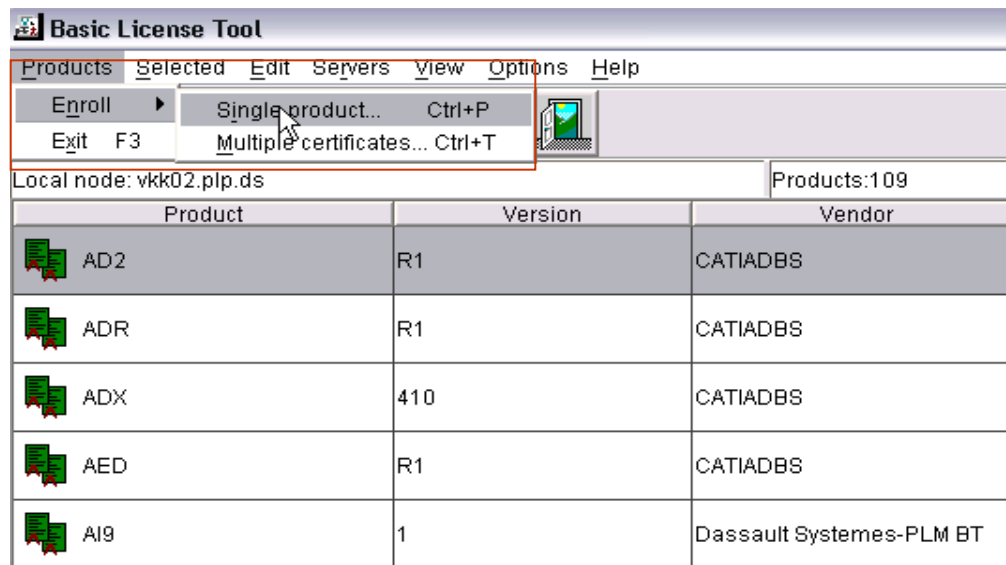
- Pass the message to restart the service (if previously it was stopped)



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

