

ETA License Manager User's Manual

Version 1.0



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INTRODUCTION

ETA License Manager is used to manage the license of ETA programs, LS-DYNA and SHERPA, also used to generate the log of license request.

1.1 ETA LICENSE MANAGER INSTALL GUIDE

ETA License Manager can be installed as a stand-alone installation package, or can be installed immediately after eta program installation. The installation package can be downloaded from ETA's download site.

To install ETA License Manager, the user needs to do the following steps.

Step 1: Download the ETA License Manager 1.0 stand-alone installation package from ETA's download site.

Step 2: Click the ETA License Manager 1.0 stand-alone installation package to open the ETA License Manager 1.0 installation application.

Note:

1. *Administrative privilege is required to install ETA License Manager.*
2. *The installation application can be opened by clicking **Finish** after eta program installation, as illustrated in Figure 1.1.1 .*



Figure 1.1.1 Install ETA License Manager

Step 3: Click **Next** to begin the installation, as illustrated in Figure 1.1.2.



Figure 1.1.2 Open ETA License Manager

Step 4: The License Agreement is displayed. The user accepts the terms and conditions by selecting “I accept the agreement”, as illustrated in Figure 1.1.3. The installation can be terminated by selecting “I do not accept the agreement”.

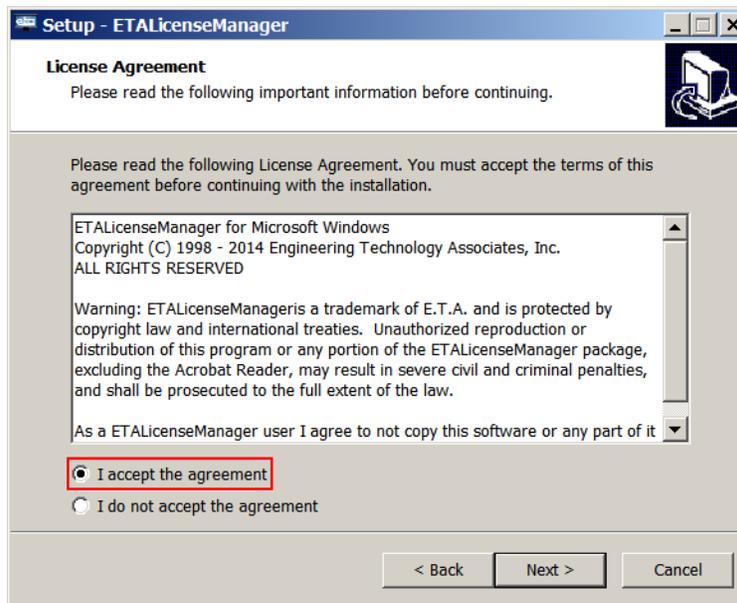


Figure 1.1.3 Accept the agreement

Step 5: The user confirms the products being installed by selecting **NEXT** at the next step of this installation, as illustrated in Figure 1.1.4.

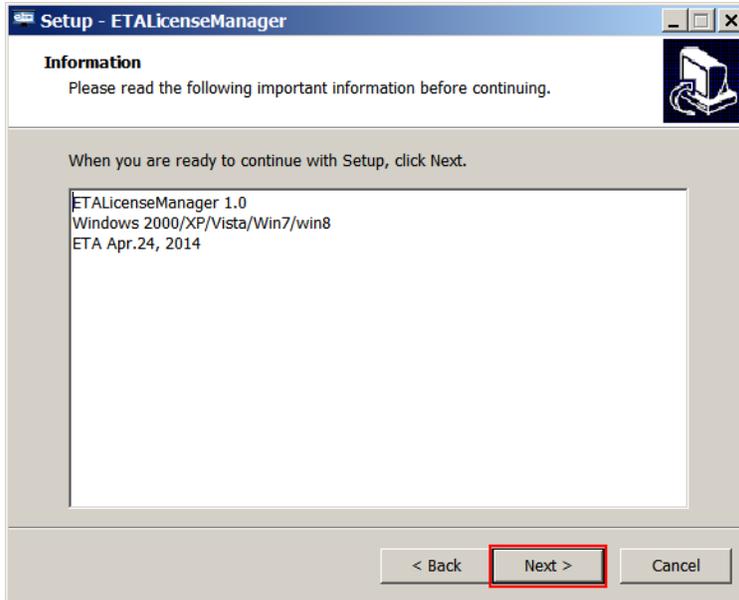


Figure 1.1.4 Information

Step 6: Choose the folder in which the ETA License Manager 1.0 will be installed, as illustrated in Figure 1.1.5. You may use the default installation location (C:\Program File (x86)\ETA\LicenseManager 1.0) or select “Browse..” to select a different folder. Click **Next** to continue the installation.

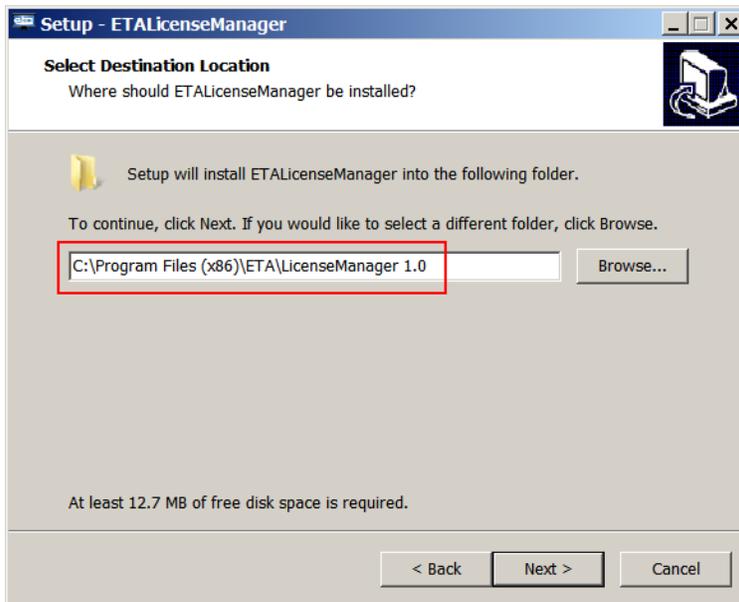


Figure 1.1.5 Install Folder

Step 7: The user may select the name of the Shortcut created for ETA License Manager, as illustrated in Figure 1.1.6. The default shortcut is the name of the executable file for ETA License Manager 1.0. To accept the default name, select **Next**. If you wish to change the name of the shortcut, type a new name in the field and then select **Next**.

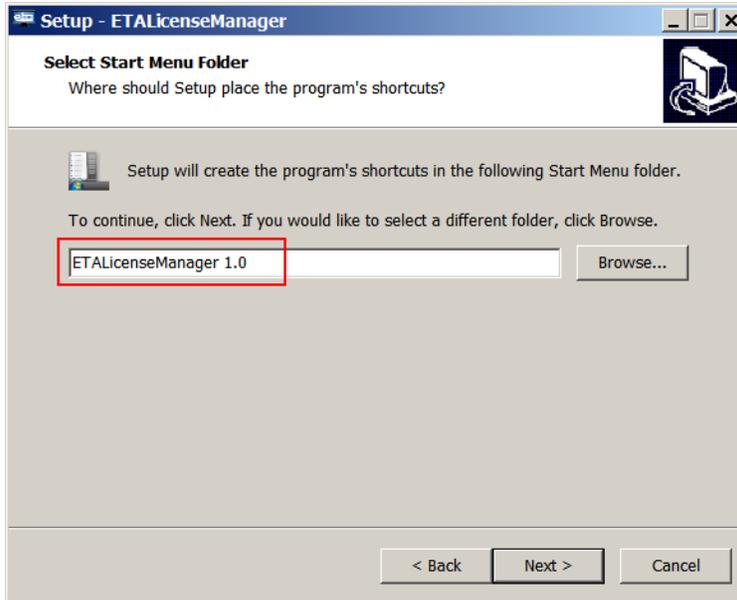


Figure 1.1.6 Shortcut Name

Step 8: The installation will create a desktop icon if you desire. If the user does not want to create a desktop icon, uncheck the box, as illustrated in Figure 1.1.7. The user selects **Next** to proceed in the installation.

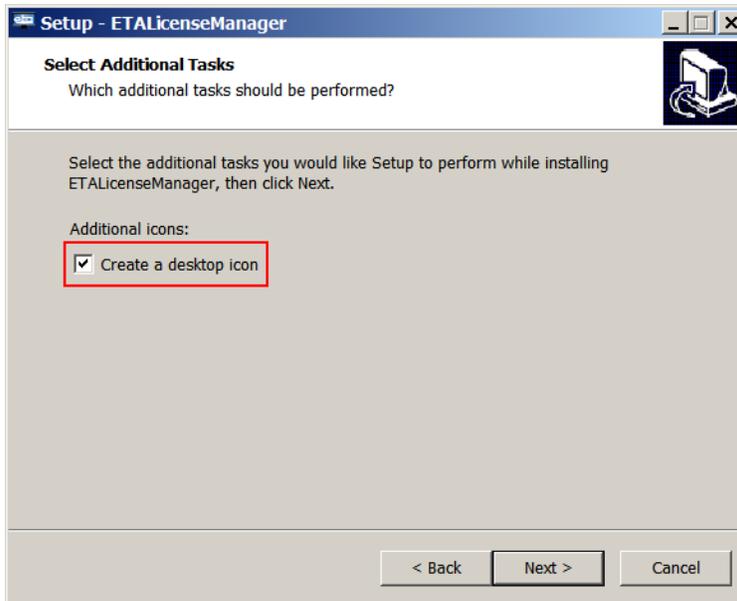


Figure 1.1.7 Create Desktop Icon

Step 9: The installation program is now ready to install ETA License Manager in the desired location, with the desired options, as illustrated in Figure 1.1.8. Select **Install** to proceed with the installation, **Back** to return to a previous step of the installation or **Cancel** to terminate the installation process.

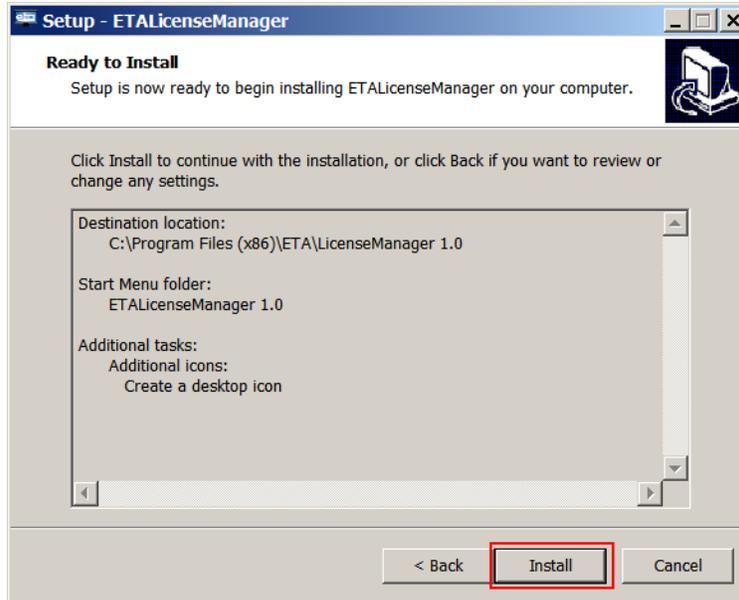


Figure 1.1.8 Ready to Install

Step 10: After the installation has been successfully completed, a confirmation window will be displayed. The installation process is now completed and you can start the ETA License Manager program by checking the “Launch ETALicenseManager” box, as illustrated in Figure 1.1.9.



Figure 1.1.9 Installation Completed

By selecting “Finish” the user completes the installation and exits the installation application.

1.2 MANAGE ETA PROGRAM LICENSE

eta/Programs tab is used to manage the network license and node lock license of ETA programs: ETA/DYNAFORM, ETA/VPG and ETA/PreSys, as shown in Figure 1.2.1.

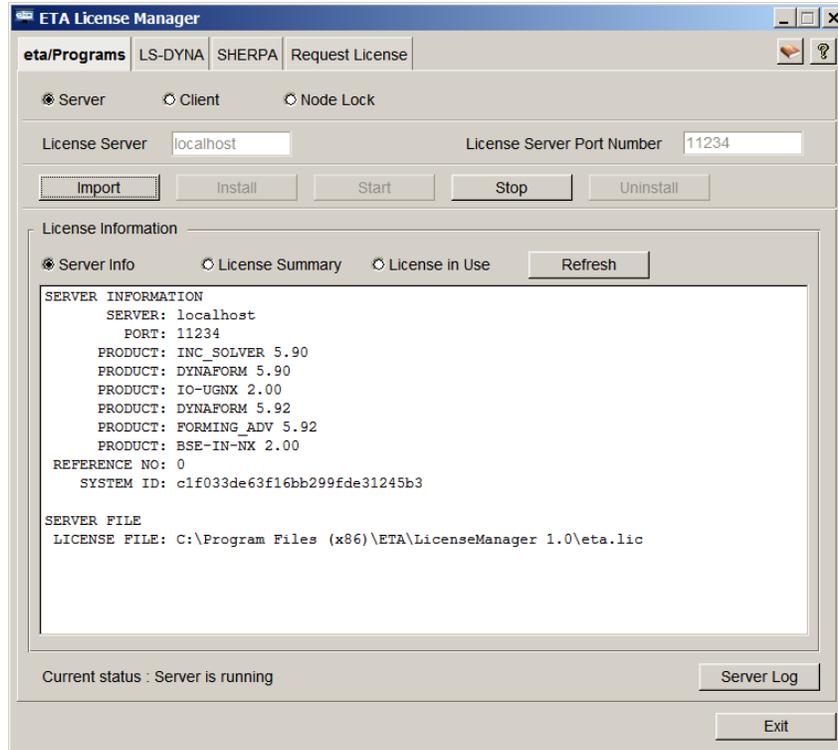


Figure 1.2.1 ETA License Manager

1.2.1 RUN ETA PROGRAM WITH NETWORK LICENSE

Network license is used to install the license on the server machine, and the client machine can connect the server to run eta programs. Before using network license, the user needs to install ETA program license and start the ETA License Server service on the server machine.

1.2.1.1 Install ETA Program License on Server Machine

To install the ETA program license on Server machine, and start ETA License Server Service, the user must do the following steps.

Step 1: Request an ETA program License.

User can do the steps in section 1.5 **Request License** to request an ETA program license.

Step 2: Run ETA License Manager

On the Server machine, double-click the “**ETA License Manager**” icon on the desktop, or click “**ETA License Manager**” in the **Program Start Menu: Start → All Programs → ETALicenseManager 1.0 → ETA License Manager**.

Note:

1. *User can do the steps in section 1.1 to install ETA License Manager.*
2. *Administrative privilege is required to run ETA License Manager.*

Step 3: Select Server

Select *Server* in *eta/Programs* tab to install the license on the server machine, as illustrated in Figure 1.2.1.

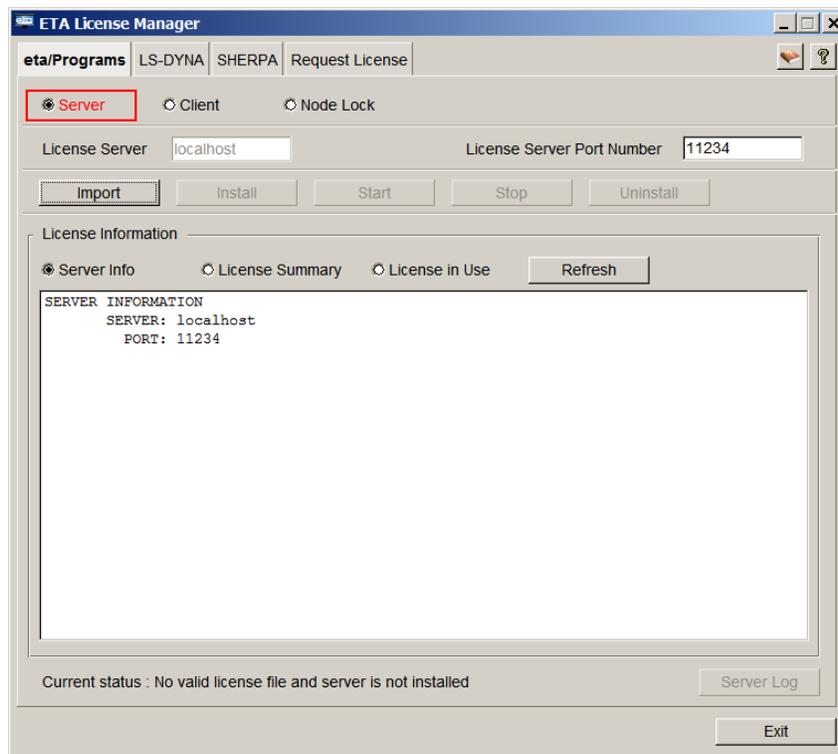


Figure 1.2.2 Select Server

Step 4: Import License

Click *Import*, select the folder in which the license is put, and select the license file, such as *xxx_eta.lic* as illustrated in Figure 1.2.3 and Figure 1.2.4.

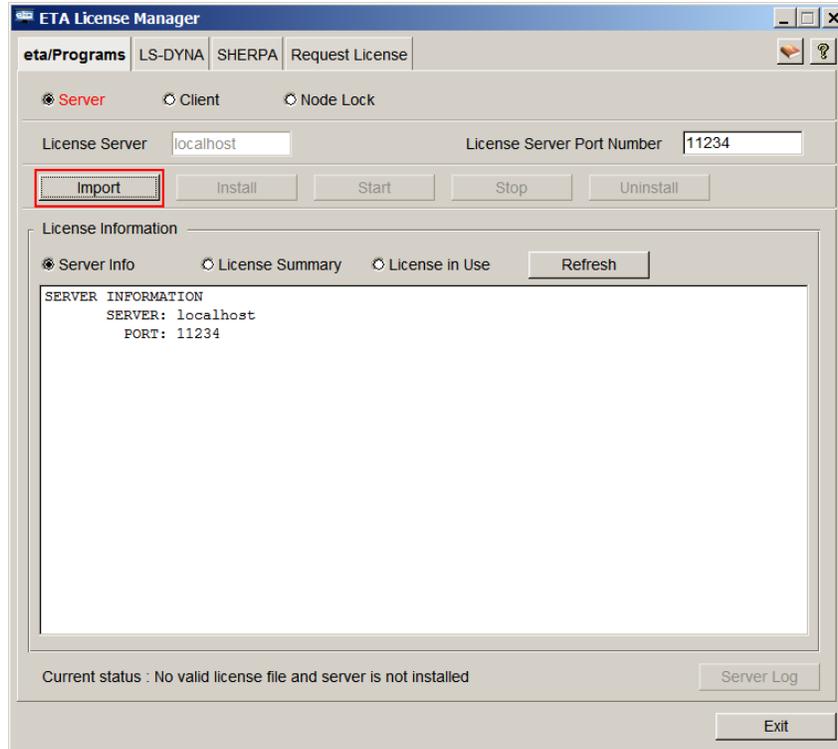


Figure 1.2.3 Click Import

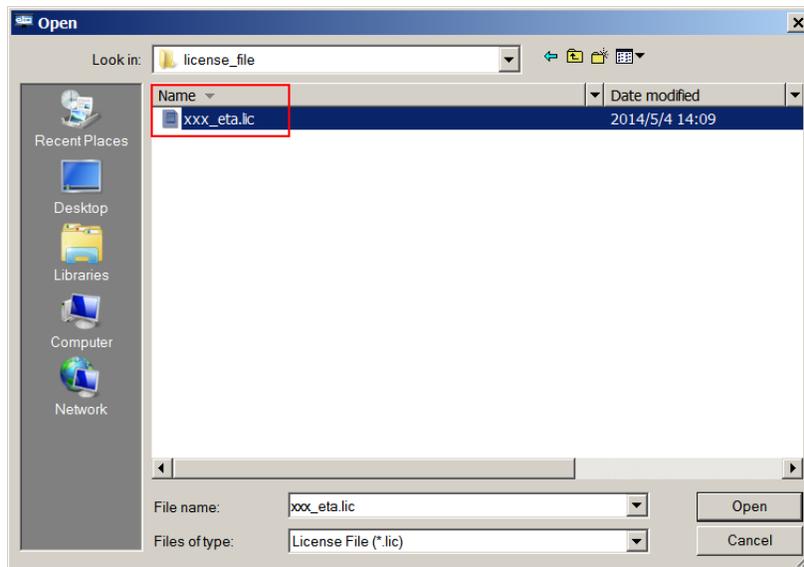


Figure 1.2.4 Select license file

Click **Open** to import the license. The license file will be imported, named with new a name **eta.lic** and put in the ETA License Manager installed folder, as shown in Figure 1.2.5.

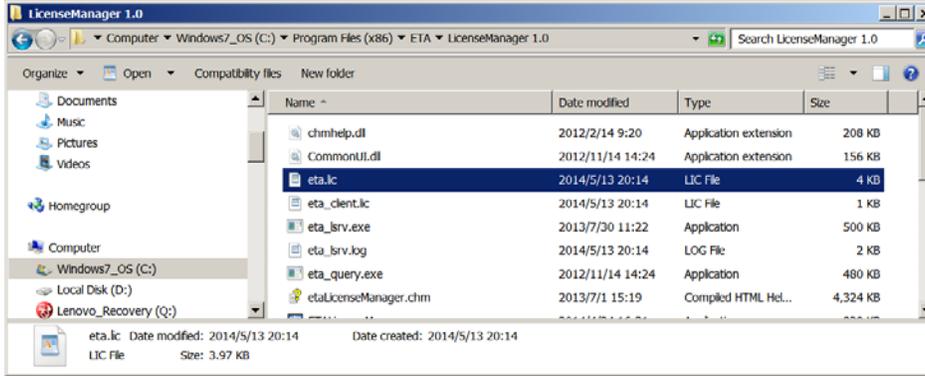


Figure 1.2.5 ETA License Manager installed folder

*Note: License file must be generated on the server machine, where the **eta program** license serve will be installed.*

After clicking **Open**, if the license is valid, the program will pop up the dialog with the message “**License file is imported successfully**”, as illustrated in Figure 1.2.6.

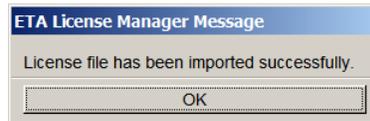


Figure 1.2.6 Valid License

If the license is not valid, the program will pop up the dialog with the message “**No valid license in file xxx_eta.lic**” as illustrated in Figure 1.2.7. Please check the license file.



Figure 1.2.7 No Valid License

After import the eta program license file, ETA License Manager will auto install **ETA License Server** service in the Windows service, and start the **ETA License Server Service** on Server machine, as illustrated in Figure 1.2.8.

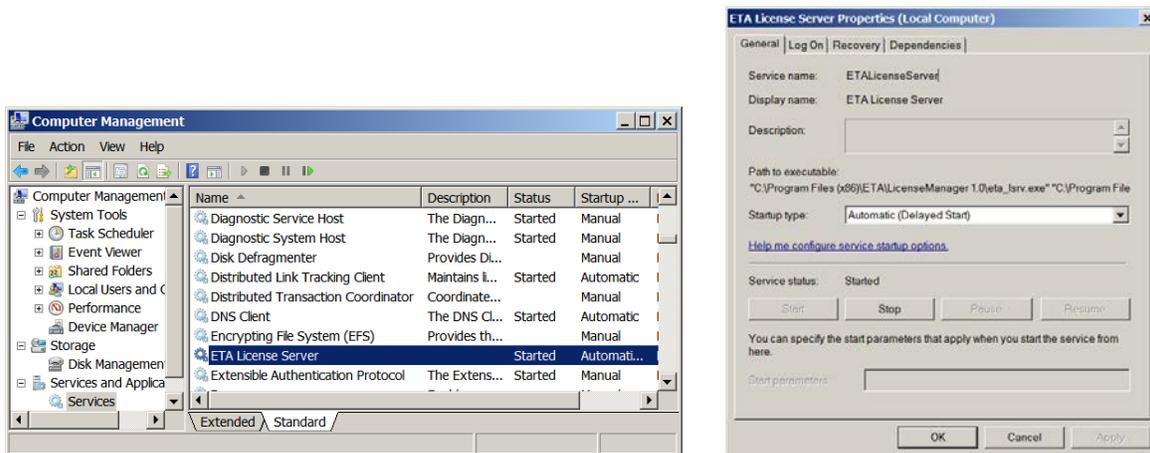


Figure 1.2.8 ETALicenseServer Service

Note:

1. The server license is installed and the client license file is also generated in the eta program installation folder, as illustrated in Figure 1.2.9.

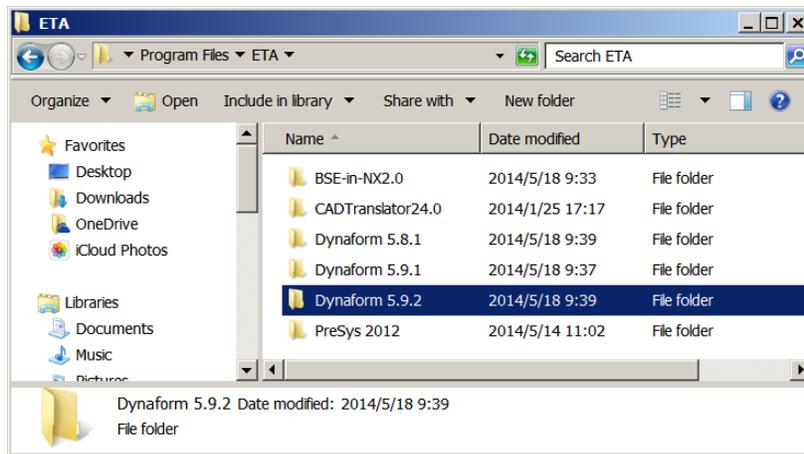


Figure 1.2.9 Install Folder

The program puts the client license file in eta program installed folder, or manually copies it in other eta program installed folder. After starting **ETA License Server Service**, the user can run eta program on the **Server** machine, and the **Server** machine will be one client on itself.

*Note: The program has generated the client license in the eta program installed Folder of the server machine. After starting **ETA License Server Service** on server machine, user can run eta program on server machine. To run eta program on the client machine, the user needs to install the client license on client machine.*

Stop ETA License Server Service

After clicking **Stop**, the **ETA License Server Service** is stopped and the user cannot run eta program on the client and server machines, as illustrated in Figure 1.2.10.

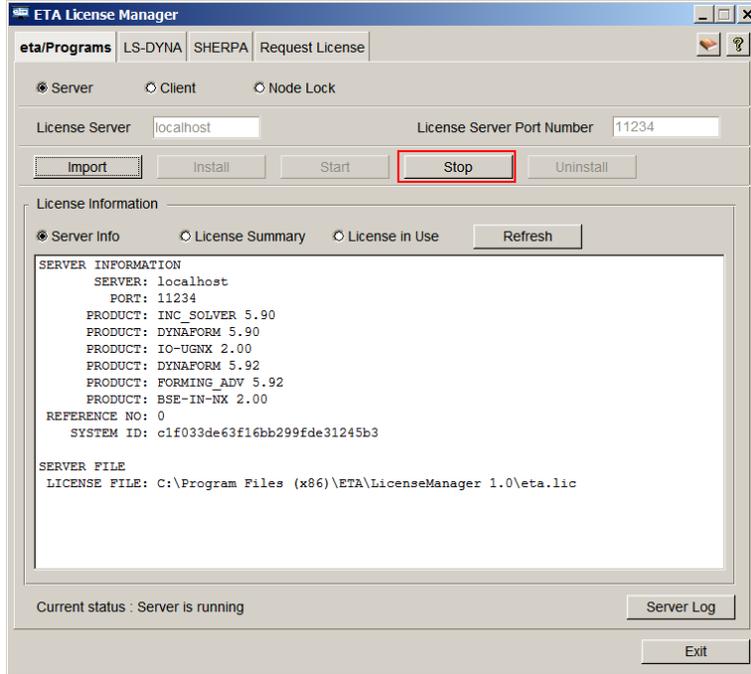


Figure 1.2.10 Stop License

Uninstall ETA License

By clicking **Uninstall**, the **ETA License Server Service** will be uninstalled, and the ETA license file under the **ETA License Manager** installation folder will be removed at the same time, as illustrated in Figure 1.2.11. The user must import and install the license again to start the **ETA License Server Service**. The license server needs to be stopped to activate the Uninstall button.

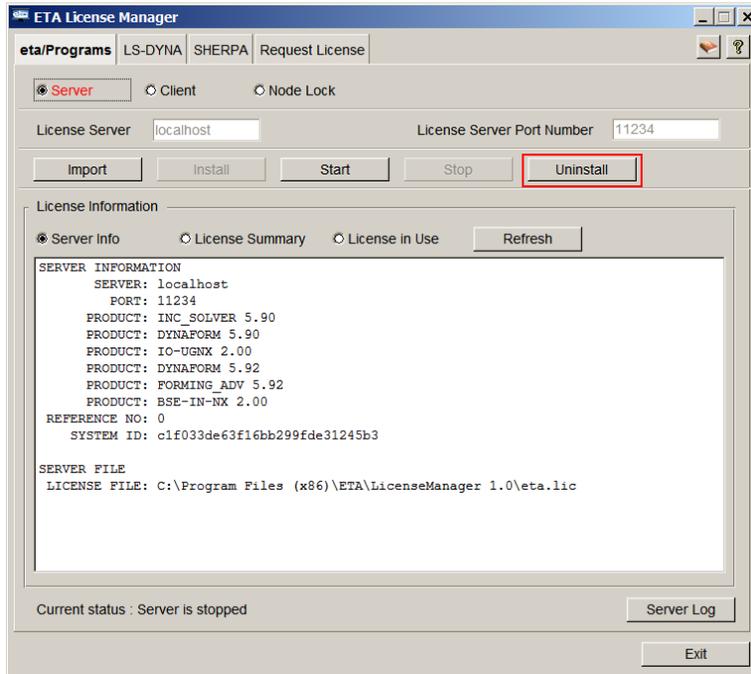


Figure 1.2.11 Uninstall

1.2.1.2 Install ETA Program Client License on Client Machine

Install the ETA Program Client License on client machine so that user can run ETA programs on Client machine.

Install ETA Program Client License on Server machine.

When installing ETA Program License on **Server** machine as illustrated in the section 1.2.1.1, the program has installed a client license in the selected ETA program installation folder. The user can run eta program in the folder. To run other version of ETA program on server machine, the user needs to do the following steps.

Step 1: Run “ETA License Manager”

On the Client machine, double-click the “ETA License Manager” icon on the desktop, or click “ETA License Manager” in the **Program Start Menu: Start → All Programs → ETALicenseManager 1.0 → ETALicenseManager**.

Note:

1. User can do the steps in section 1.1 to install ETA License Manager.
2. Administrative privilege is required to run ETA License Manager.

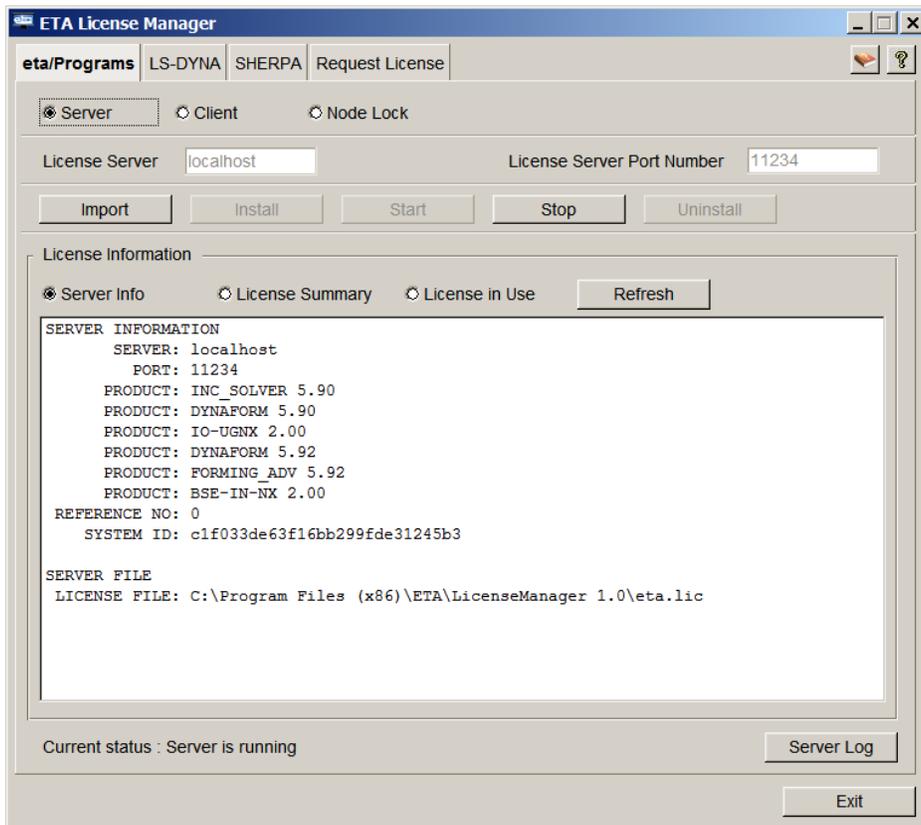


Figure 1.2.12 ETA License Manager

Step 2: Select Client

Select *Client* in *eta/Programs* tab to install client license.

Step 3: Select Location to Install

Click *Location to install*, and then select the folder where the eta program is installed on the Client Machine, as illustrated in Figure 1.2.13 and Figure 1.2.14.

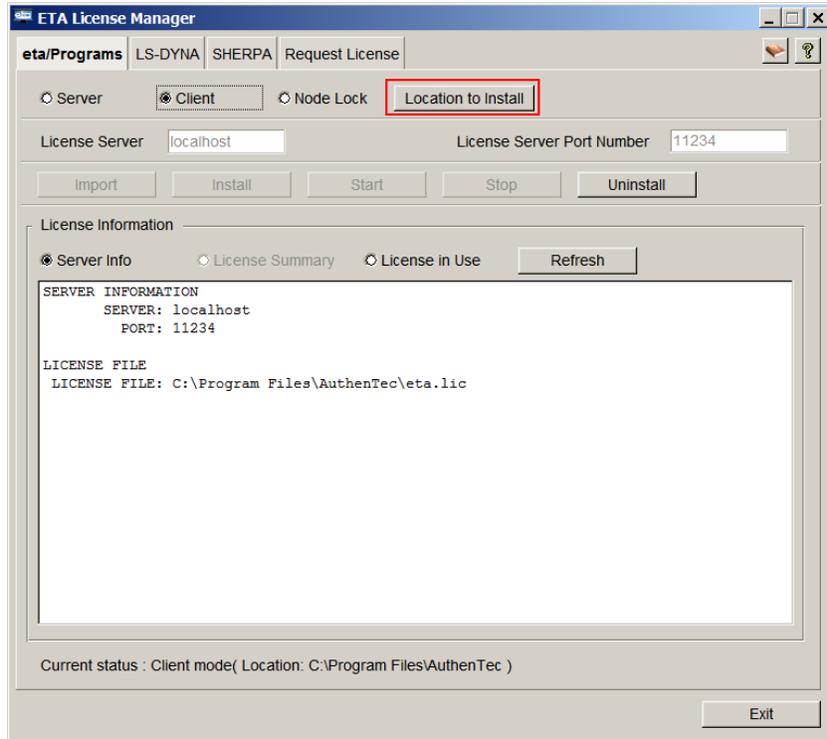


Figure 1.2.13 Location to install

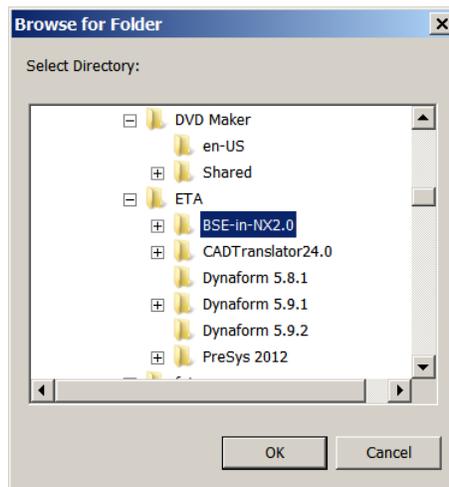


Figure 1.2.14 Select the eta program Install Folder

Step 4: Fill License Server

Fill in the License Server with *localhost* or *IP Address* of the Server machine, as illustrated in Figure 1.2.15. The program has automatically filled with “localhost” on the Server machine.

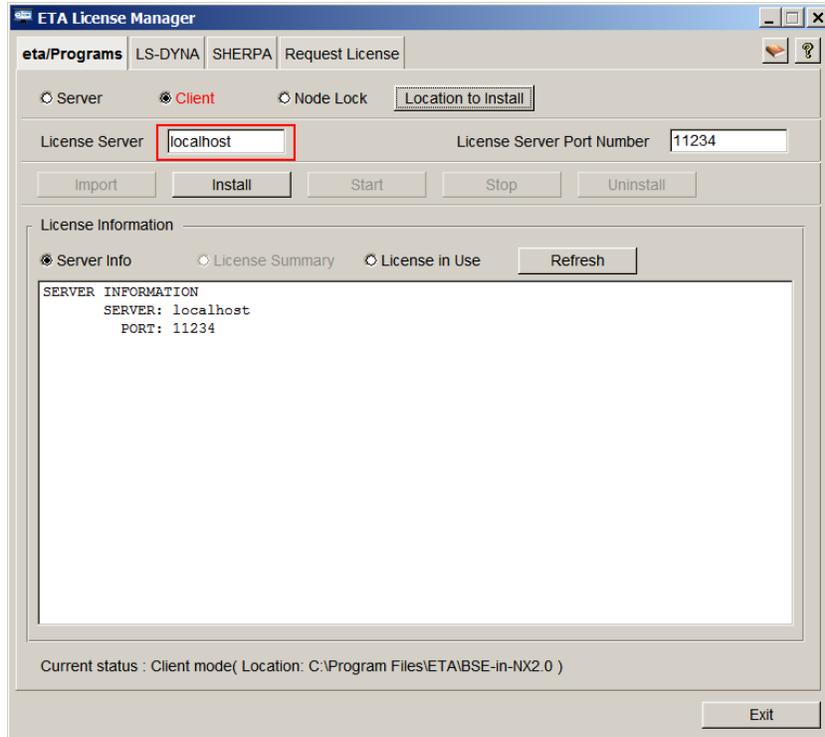


Figure 1.2.15 Fill License Server

Note:

1. *If filling in the IP Address, it should be the IP address of the Sever machine itself. The IP Address of the Server machine should be static, not dynamic.*
2. *Some machines have more than one network adapter, there will be more than one IP Address, and IP Address may be static or dynamic, so it is better to fill in the full computer name in the Client of Server machine.*

Step 5: Install Client License

By clicking *Install*, the client license eta.lic file is generated, and put in the folder identified in Step 3, as illustrated in Figure 1.2.16.

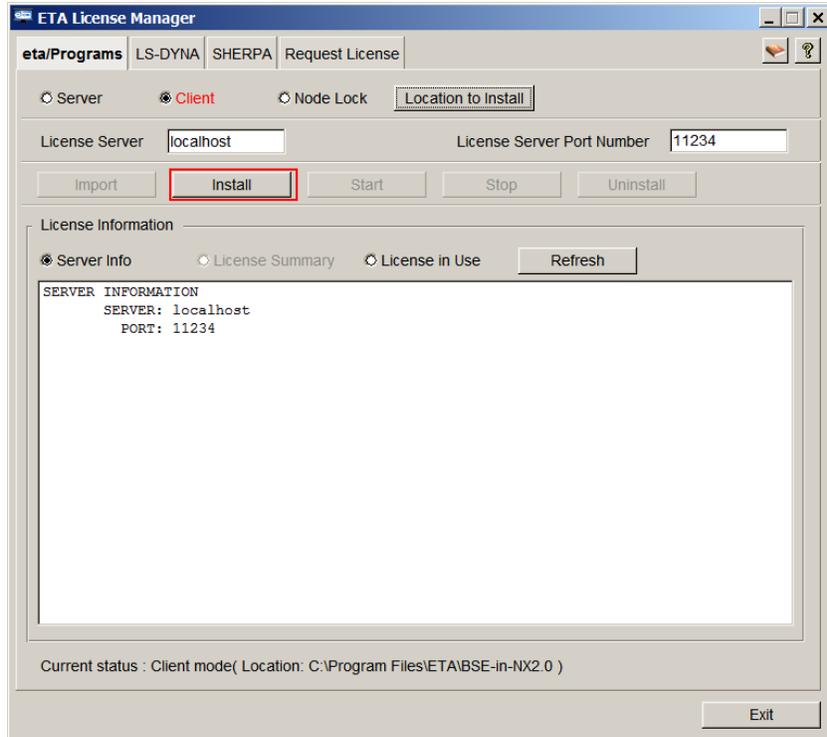


Figure 1.2.16 Install Client License

Install ETA Program Client License on Client Machine

To install eta program Client license on a Client machine, the user must complete the following steps.

Step 1: Run “ETA License Manager” on Client Machine

On the Client machine, double-click the “ETA License Manager” icon on the desktop, or click “ETA License Manager” in the Program Start Menu: Start → All Programs → ETALicenseManager 1.0 → ETALicenseManager.

Note:

1. User can do the steps in section 1.1 to install ETA License Manager.
2. Administrative privilege is required to run ETA License Manager.

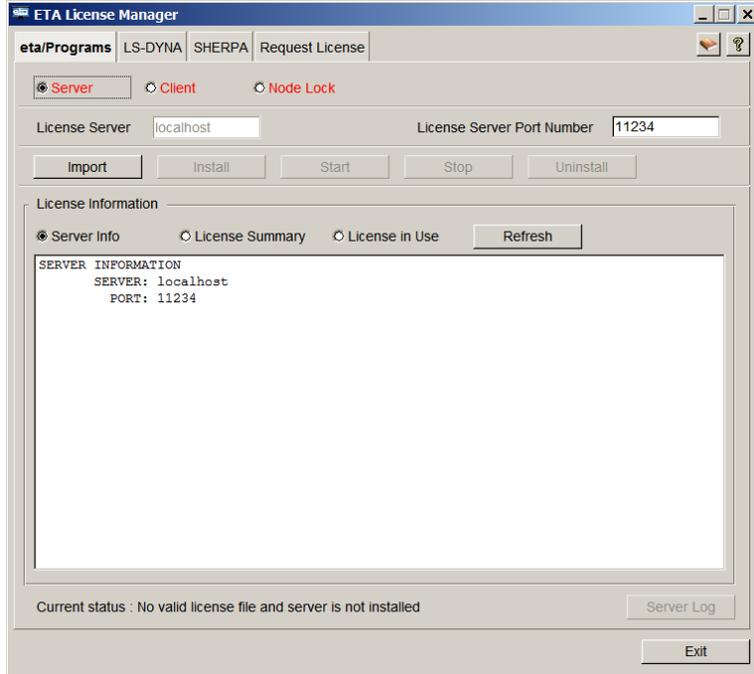


Figure 1.2.17 ETA License Manager

Step 2: Select Client

Select *Client* in *eta/Programs* tab to install client license, as i.

Step 3: Select Location to Install

Click *Location to install* and select the folder where the eta program is installed on the Client Machine, Figure 1.2.18 and Figure 1.2.19.

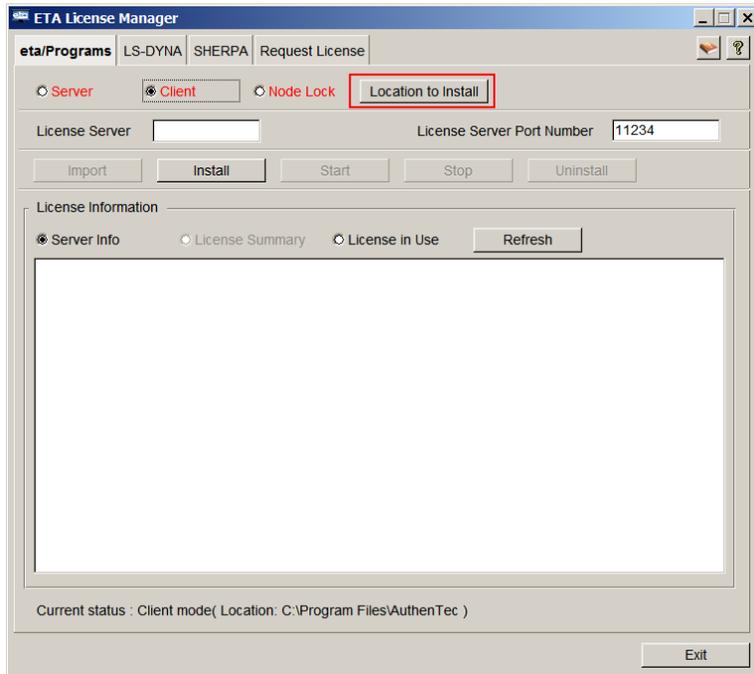


Figure 1.2.18 Location to install

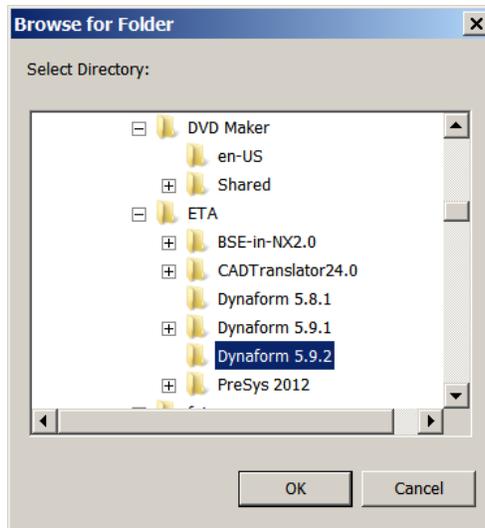


Figure 1.2.19 Select eta program Install Folder

Step 4: Fill License Server

Fill in the License Server with *IP Address* or *full computer name* of the Server machine, as illustrated in Figure 1.2.20.

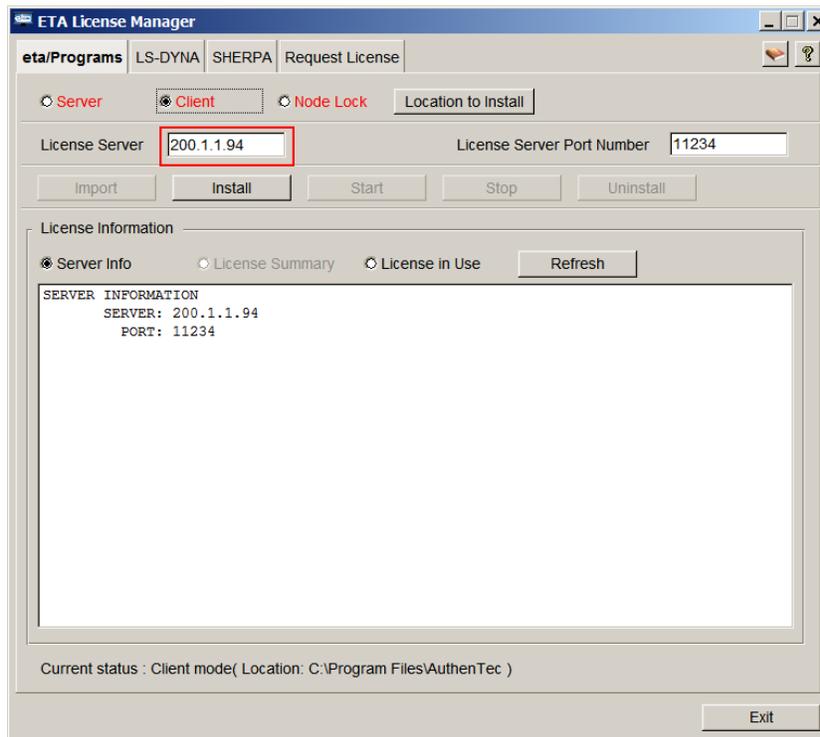


Figure 1.2.20 Fill License Server

Note:

1. *If filling in the IP address in License Server, it should be the IP address of the Sever machine, where the eta program Server license is installed. The IP Address of the Server machine should be static, and not be allowed to change.*
2. *If filling in full computer name in License Server, it should be the full computer name of the Server machine, where eta program server license is installed.*

Step 5: Install Client License

By clicking **Install**, the client license eta.lic file will be generated, and put in the folder identified in Step 3, as illustrated in Figure 1.2.21.

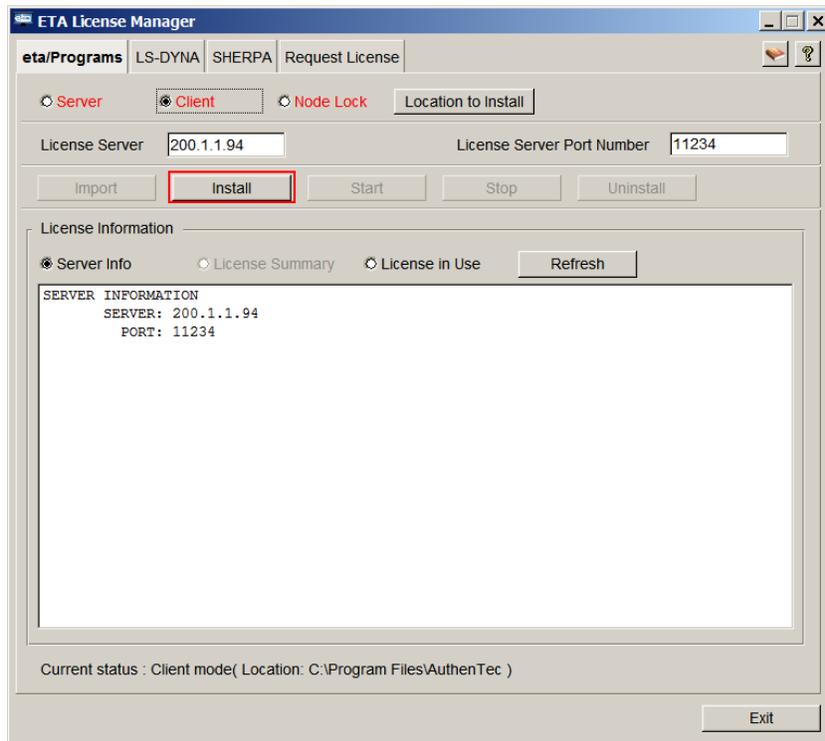


Figure 1.2.21 Install Client License

1.2.2 RUN ETA PROGRAM WITH NODE LOCK LICENSE

Using Node Lock License, the user only needs to import the license and install it in the eta program installation folder. To setup the Node Lock License, the user needs to do the following steps.

Step 1: Run “ETA License Manager”

Open “ETA License Manager” by clicking the icon on desktop, or by clicking “ETA License Manager” in the **Program Start Menu: Start → All Programs → ETALicenseManager 1.0 → ETALicenseManager.**

Note:

1. User can do the steps in section 1.1 to install ETA License Manager.
2. Administrative privilege is required to run ETA License Manager.

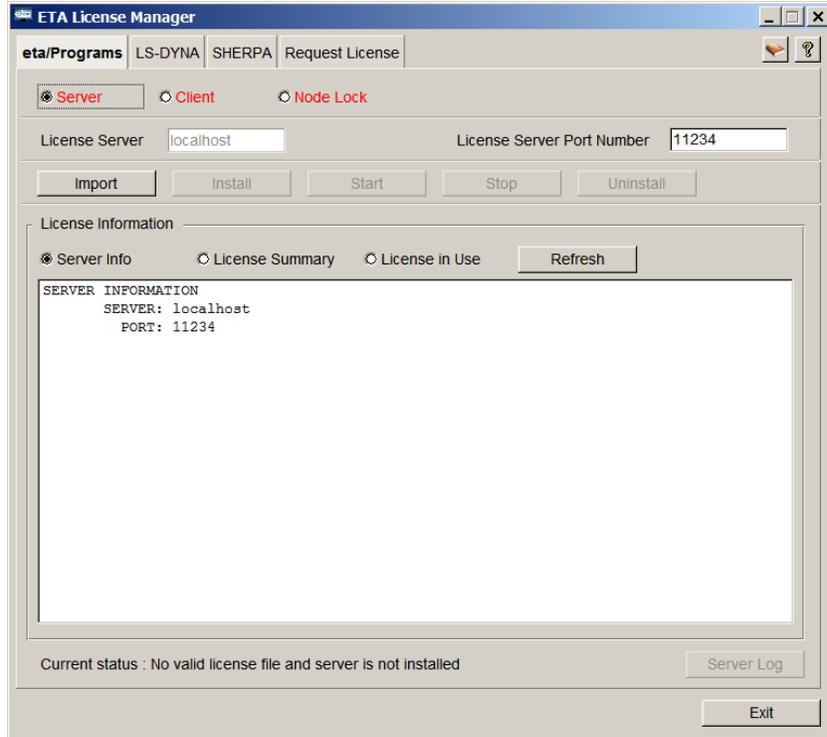


Figure 1.2.22 ETA License Manager

Step 2: Select Node Lock

Select *Node Lock* in *eta/Programs* tab and the license will be installed as node lock license.

Step 3: Select Location to Install

Click *Location to install* and select the folder where the eta program is installed on the Client Machine, as illustrated in Figure 1.2.23 and Figure 1.2.24.

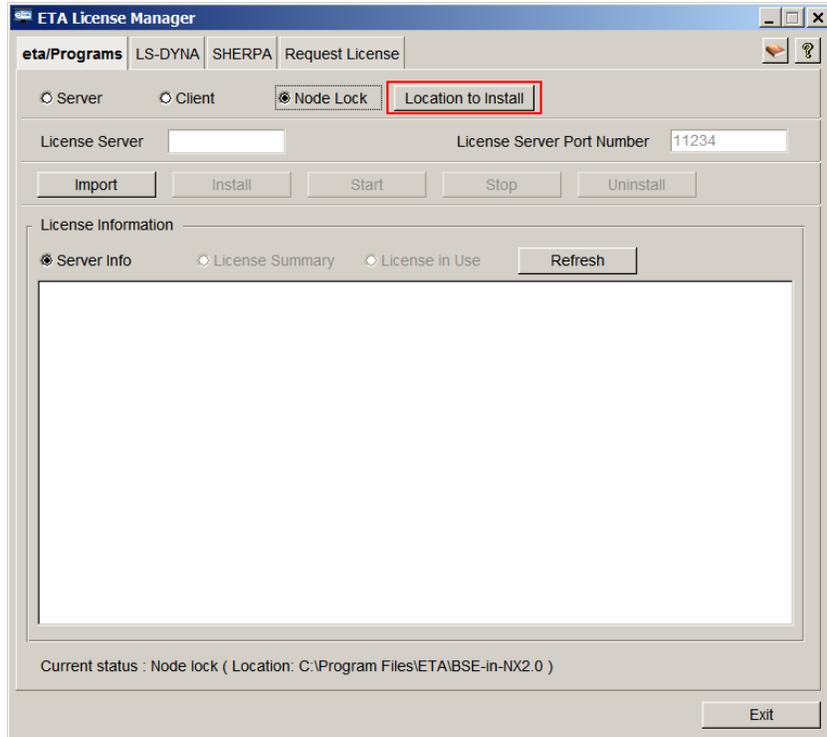


Figure 1.2.23 Location to install

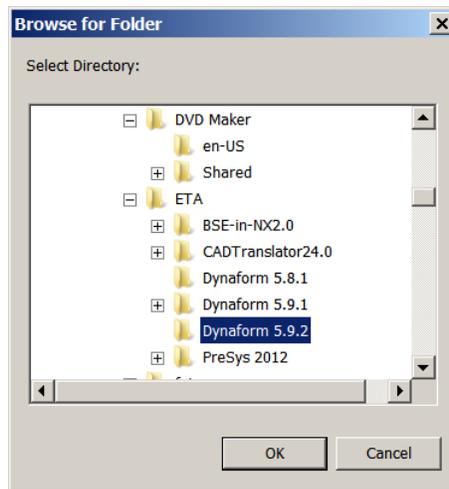


Figure 1.2.24 Select eta program Install Folder

Click **OK** to locate the license installation folder.

Step 4: Import ETA License

Click **Import**, select which the folder where the license was saved, and select the license file, such as *xxx_eta.lic*, as illustrated in Figure 1.2.25.

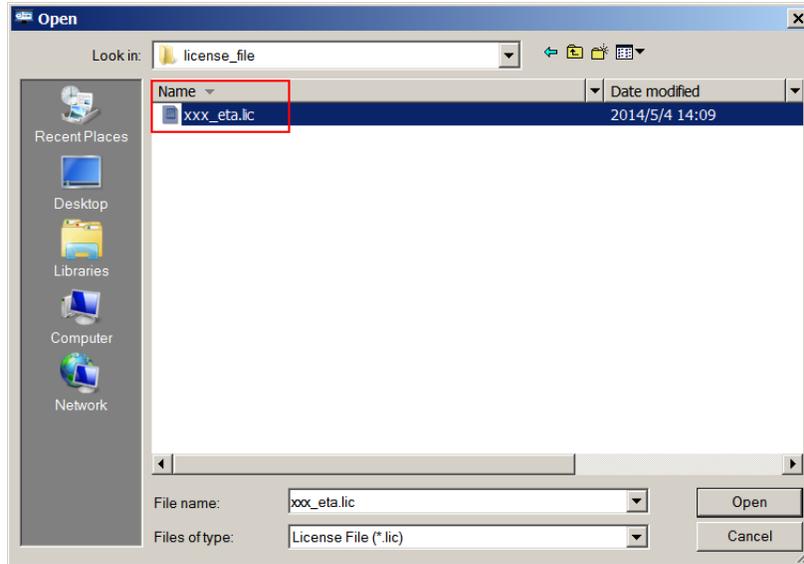


Figure 1.2.25 Import License File

The eta.lic file will be placed in the located selected in Step 3.

1.3 MANAGE LS-DYNA LICENSE

The **LS-DYNA License tab** is used to manage the **Server** and **Client** of the LS-DYNA network license. Install the LS-DYNA license on the server machine and the client machine can connect the server to run the LS-DYNA solver.

1.3.1 INSTALL LS-DYNA LICENSE ON SERVER MACHINE

To install the LS-DYNA License and start the **LSTC License Manager** Service on Server machine, the user must do the following steps.

Step 1: Request a LS-DYNA License.

User can do the steps in section 1.5 **Request License** to request a LS-DYNA License.

Step 2: Run ETA License Manager

On the Server machine, double-click the “**ETA License Manager**” icon on the desktop, or click “**ETA License Manager**” in the **Program Start Menu: Start → All Programs → ETALicenseManager 1.0 → ETALicenseManager**.

Note:

1. *User can do the steps in section 1.1 to install ETA License Manager.*
2. *Administrative privilege is required to run ETA License Manager.*

Step 3: Select Server

Switch to **LS-DYNA** tab and select **Server** to install the license on the server machine, as illustrated in Figure 1.3.1.

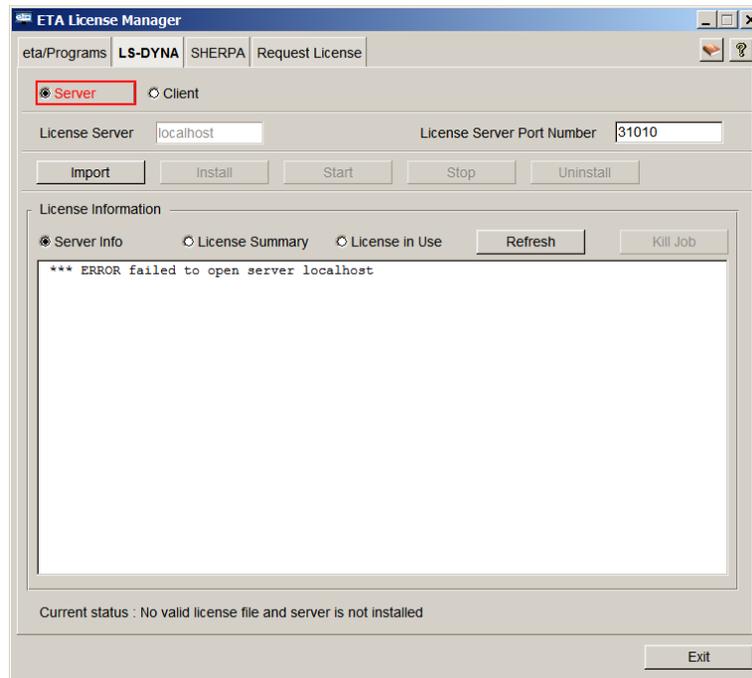


Figure 1.3.1 Select Server

Step 4: Import License

Click **Import**, select the folder where which folder the license was saved, and select the license file, such as *xxx_server_data*, as illustrated in Figure 1.3.2 and Figure 1.3.3.

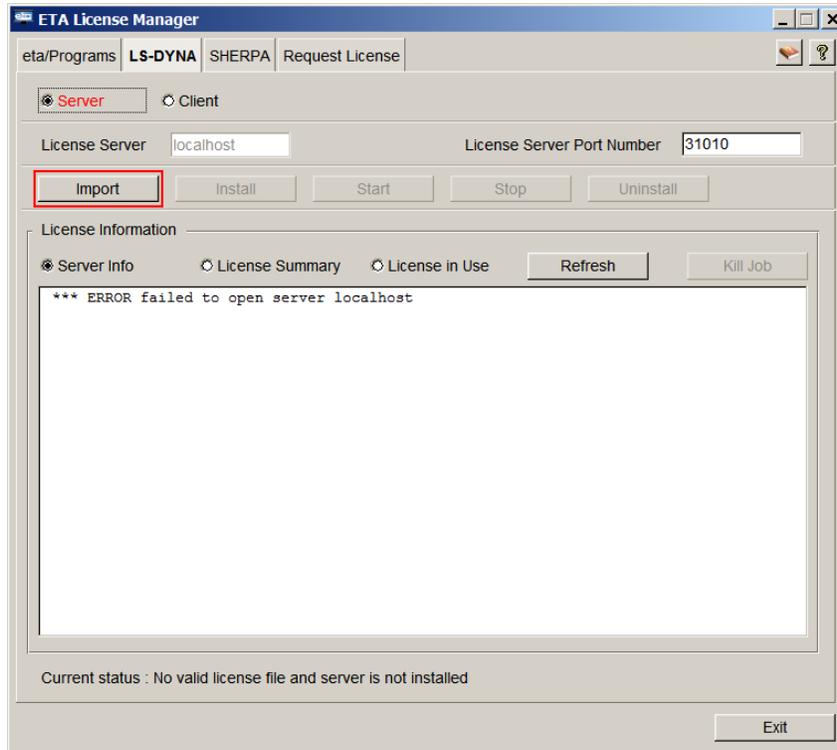


Figure 1.3.2 Click Import

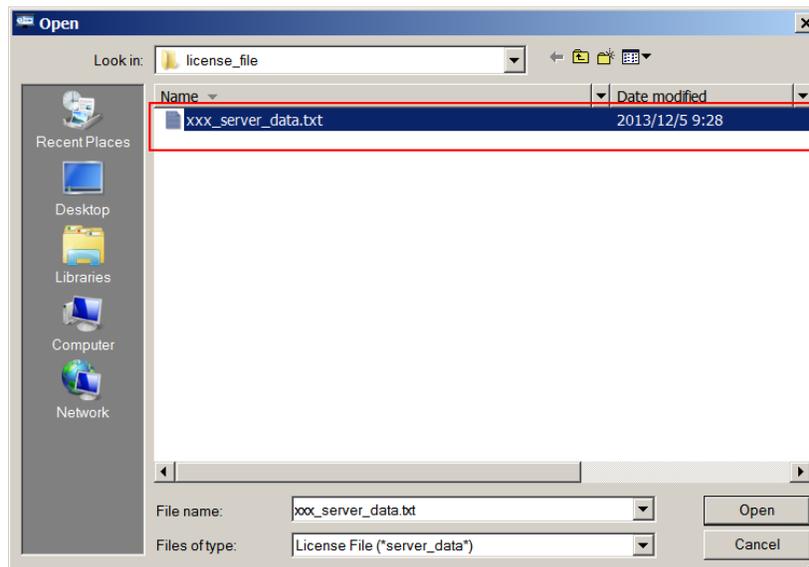


Figure 1.3.3 Select the license file

Click **Open** to import the license. The license file will be imported, named with the new name **server_data** and put in the ETA License Manager installed folder, as illustrated in Figure 1.3.4.

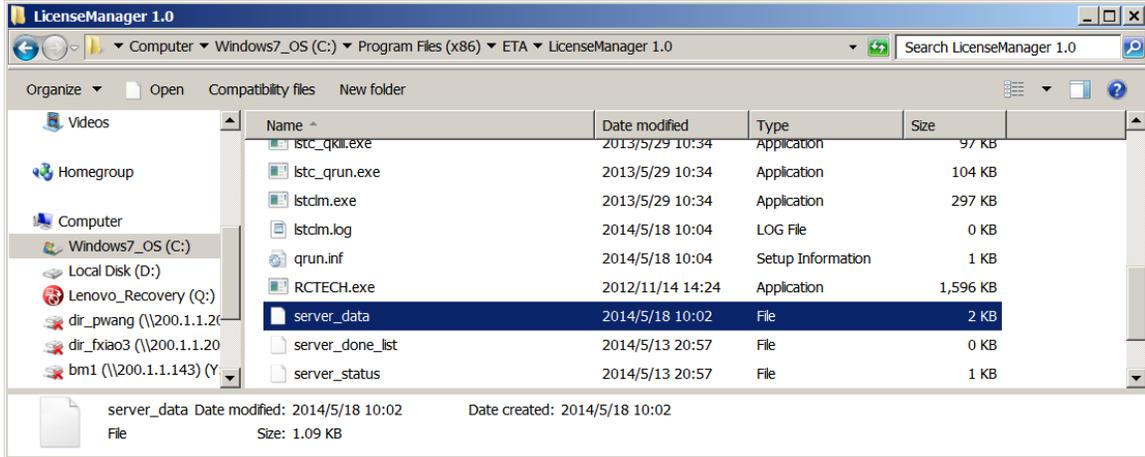


Figure 1.3.4 ETA License Manager installed folder

Note: License file must be generated on the server machine, where the LS-DYNA license serve will be installed.

After clicking **Open**, if the license is valid, the program will pop up a dialog with the message “**License file is imported successfully**”, as illustrated in Figure 1.3.5.

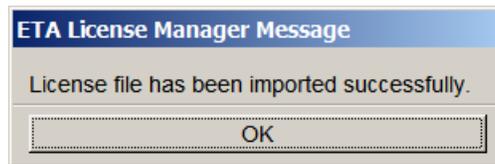


Figure 1.3.5 Valid License

If the license is not valid, the program will pop up the dialog with the message “**No valid license in file xxx_server_data**”. Please check the license file, as illustrated in Figure 1.3.6.

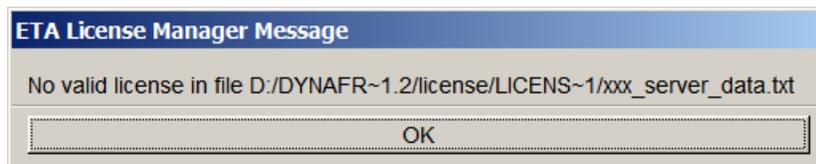


Figure 1.3.6 No Valid License

After import the LS-DYNA license file, ETA License Manager will auto install **LSTC License Manager** service in the Windows service, and start the **LSTC License Manager Service** on Server machine, as illustrated in Figure 1.3.7.

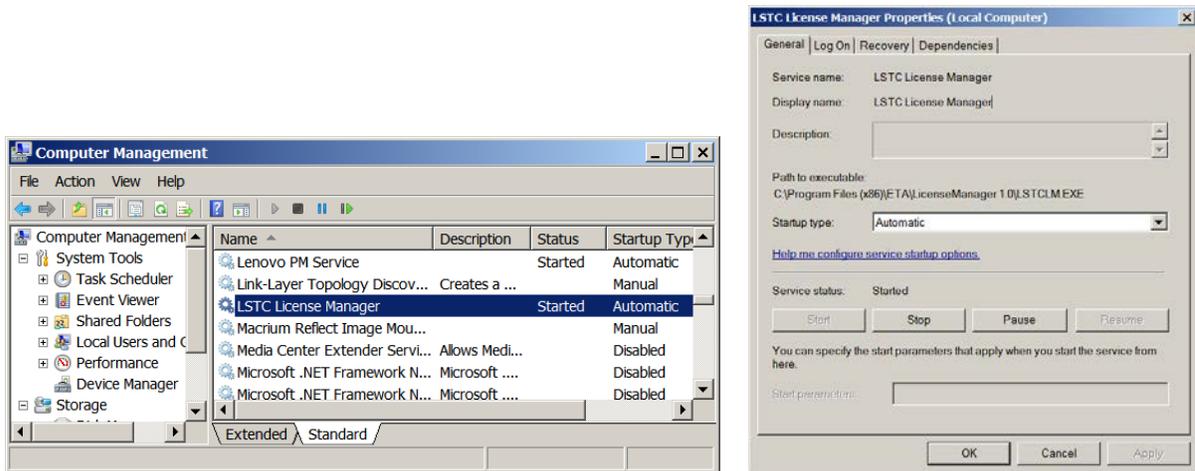


Figure 1.3.7 LSTC License Manager Service

After import the LS-DYNA license, three Environment Variables will be created and added to the System variables, as illustrated in Figure 1.3.8:

LSTC_LICENSE = network

LSTC_LICENSE_SERVER = localhost

LSTC_LICENSE_SERVER_PORT = 31010

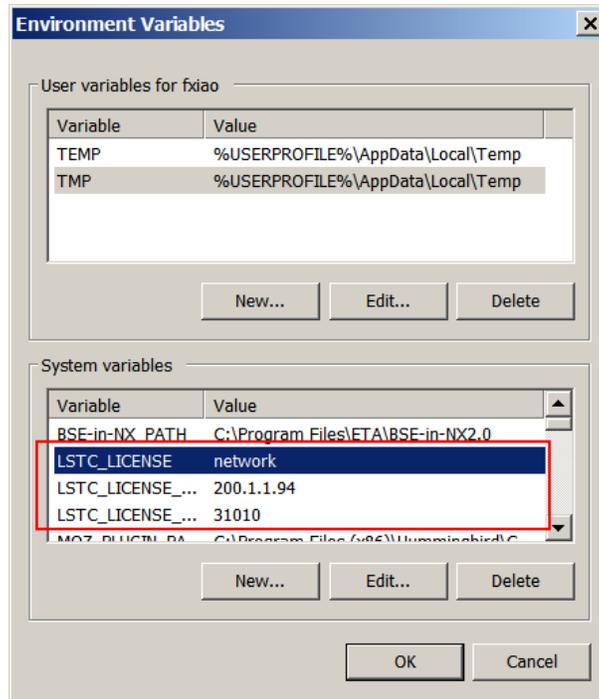


Figure 1.3.8 Three Environment Variables

*Note: The program has added three environment variables in User Variables of the server machine. After starting the **LSTC License Manager Service** on server machine, the user can run the **LS-DYNA solver** on the server machine. To run the **LS-DYNA solver** on the client machine, the user must install the three environment variables on the client machine.*

Stop LSTC License Manager Service

After clicking **Stop**, the **LSTC License Manager Service** will be stopped, and user cannot run **LS-DYNA solver** on client machine or server machine, as illustrated in Figure 1.3.9.

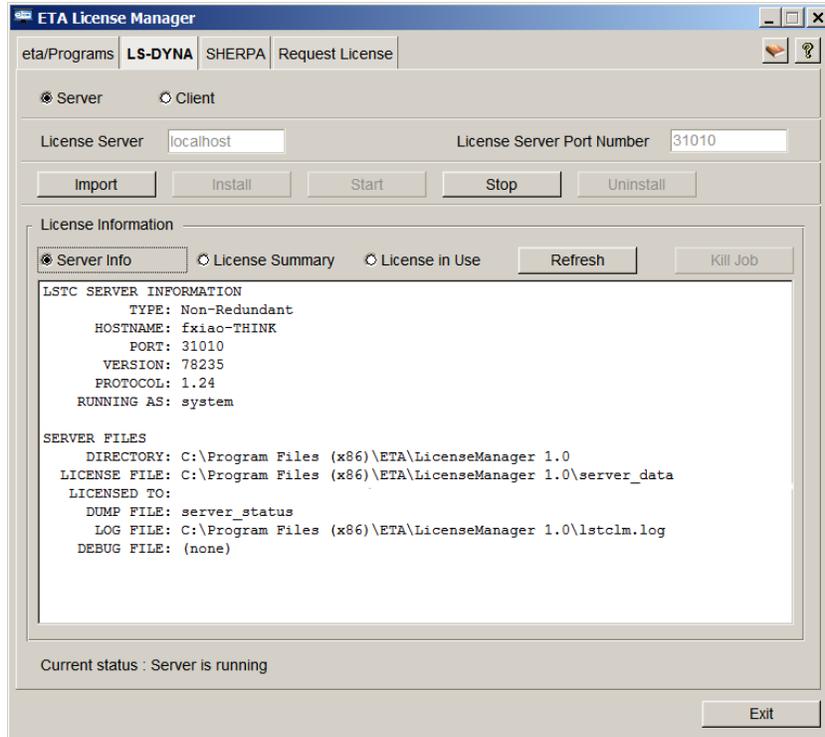


Figure 1.3.9 Stop License

Uninstall LS-DYNA license

Clicking **Uninstall**, the **LSTC License Manager Service** will be uninstalled and three environment variables will be deleted at the same time, as illustrated in Figure 1.3.10. The user must import the **LS-DYNA license** again to start the **LSTC License Manager Service**. The license server needs to be stopped to activate the **Uninstall** button.

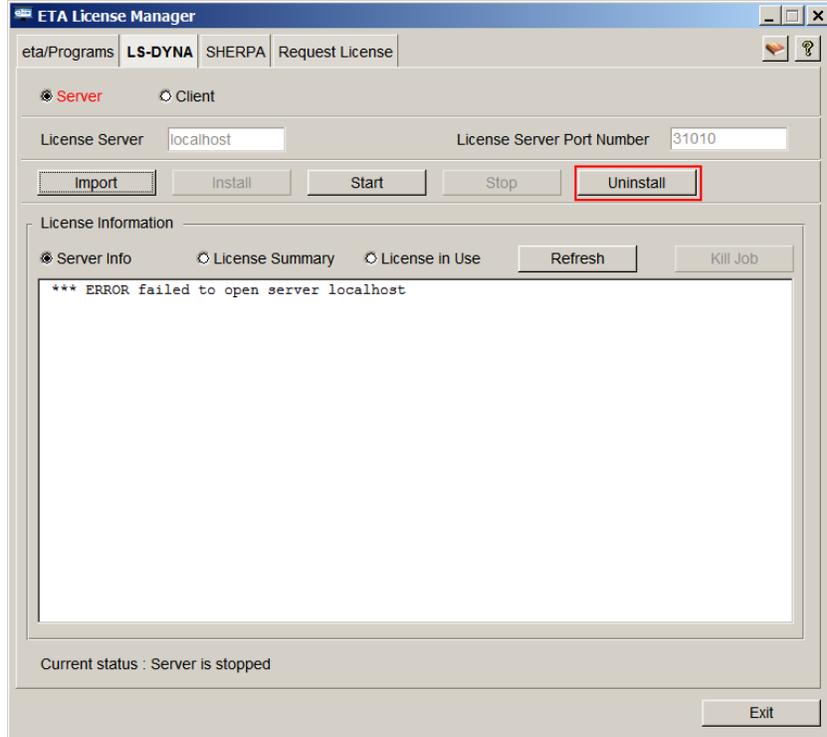


Figure 1.3.10 Uninstall

1.3.2 RUN LS-DYNA SOLVER ON CLIENT MACHINE

When installing the LS-DYNA license on the server machine, the program has added the three environment variables in User Variables of the server machine. After starting the **LSTC License Manager** Service on the server machine, user can run LS-DYNA solver on server machine.

To run the LS-DYNA Solver on a Client machine, the user needs to do the following steps.

Step 1: Run “ETA License Manager” on Client Machine

On a Client machine, double-click the “**ETA License Manager**” icon on the desktop, or click “**ETA License Manager**” in the **Program Start Menu: Start → All Programs → ETALicenseManager 1.0 → ETALicenseManager**.

Note:

1. *User can do the steps in section 1.1 to install ETA License Manager.*
2. *Administrative privilege is required to run ETA License Manager.*

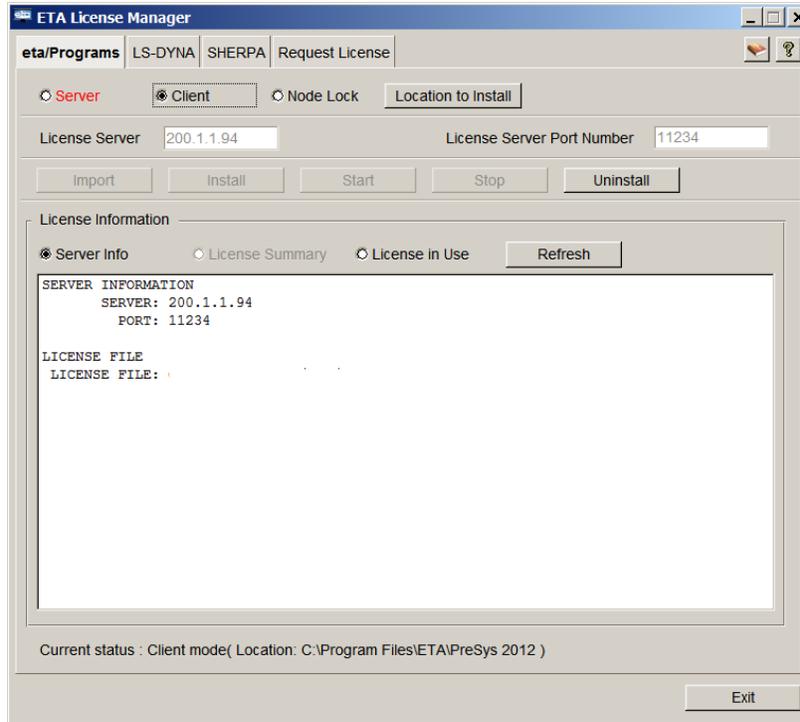


Figure 1.3.11 ETA License Manager

Step 2: Select Client

Switch to **LS-DYNA** tab, and then select *Client* to create environment variables on the client license, as illustrated in Figure 1.3.12.

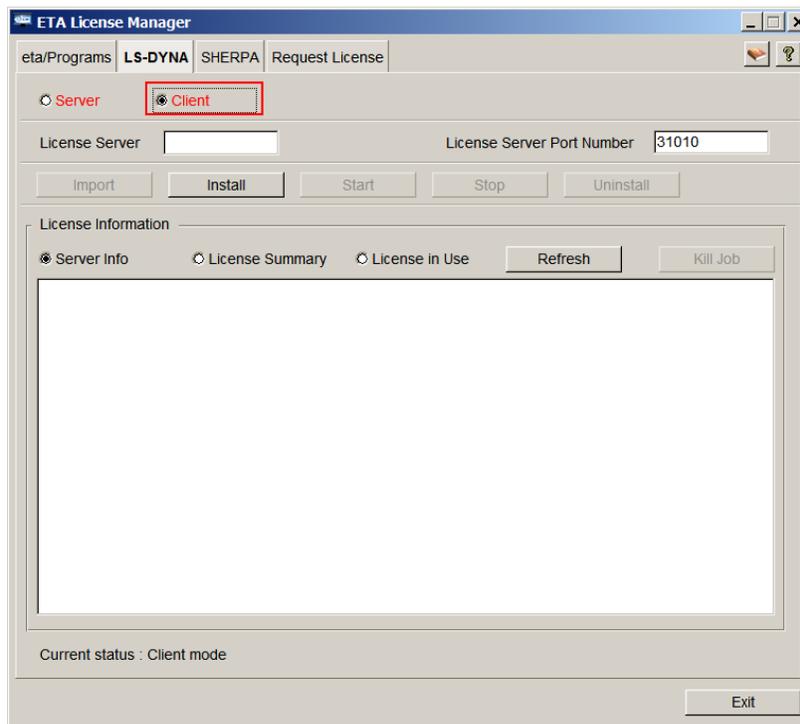


Figure 1.3.12 Select Client

Step 3: Fill License Server

Fill in the License Server with *IP Address* or *full computer name* of the Server machine, as illustrated in Figure 1.3.13.

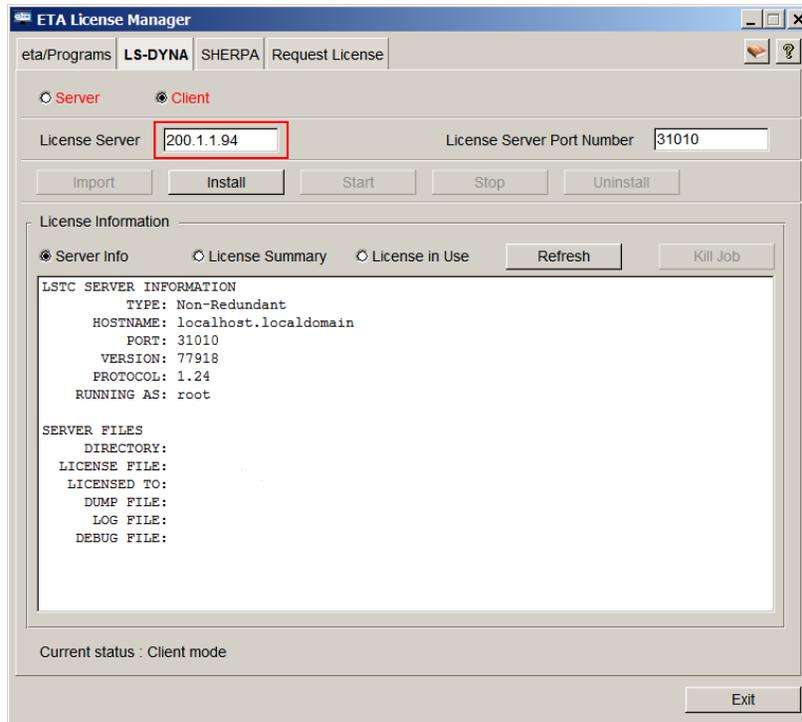


Figure 1.3.13 Fill License Server

Note:

1. If filling the IP Address in License Server, it should be the IP address of the Sever machine, where LS-DYNA Server license is installed. The IP Address of the Server machine should be static, and not be allowed to change.
2. If filling in the full computer name in License Server, it should be the full computer name of the Server machine, where LS-DYNA server license is installed.
3. The IP Address of the Client machine can be static or dynamic, but it must be in the range which is used to request LS-DYNA license.

Step 4: Install Client Environment Variables

By clicking *Install*, three Environment Variables will be created and added to the user variables on the Client machine, as illustrated in Figure 1.3.14:

LSTC_LICENSE = network

LSTC_LICENSE_SERVER = “full computer name of the Server machine”

LSTC_LICENSE_SERVER_PORT = 31010

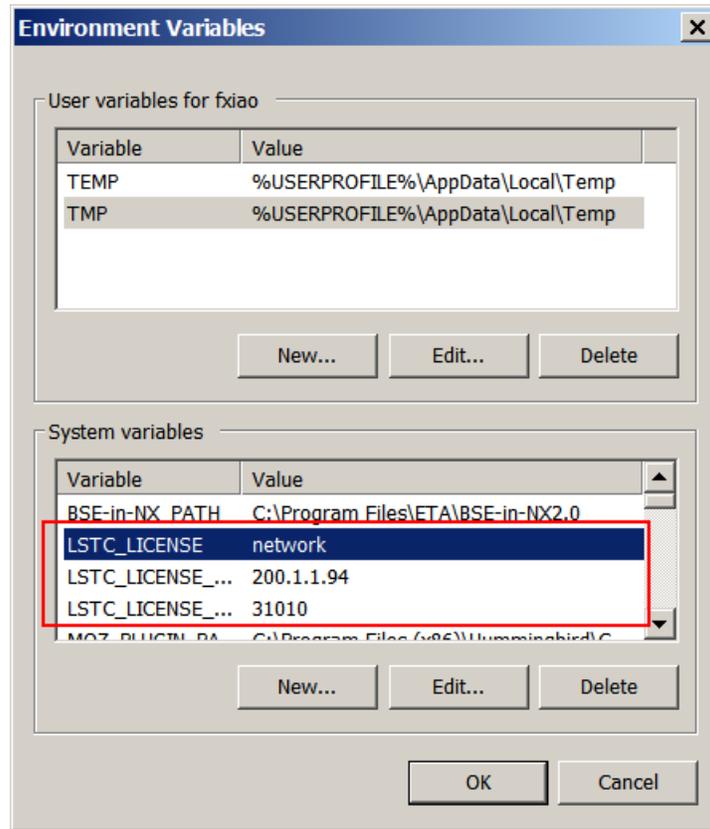


Figure 1.3.14 Environment Variables of the Client Machine

After having created the environments variables, the user can run LS-DYNA solver on the Client machine.

1.4 MANAGE SHERPA LICENSE

SHERPA tab is used to manage the Server and Client of the SHERPA network license. Install the SHERPA license on the server machine, and the client machine can connect the server to run SHERPA.

1.4.1 INSTALL SHERPA LICENSE ON SERVER MACHINE

To install the SHERPA License, and start **SHERPA License Manager** Service on the Server machine, the user needs to do the following steps.

Step 1: Request a SHERPA License.

User can do the steps in section 1.5 **Request License** to request a SHERPA License.

Step 2: Run ETA License Manager

On the Server machine, double-click the “**ETA License Manager**” icon on the desktop, or click “**ETA License Manager**” in the **Program Start Menu: Start → All Programs → ETALicenseManager 1.0 → ETALicenseManager**.

Note:

1. User can do the steps in section 1.1 to install ETA License Manager.
2. Administrative privilege is required to run ETA License Manager.

Step 3: Select Server

Switch to **SHERPA** tab and select **Server** to install the license on the server machine, as illustrated in Figure 1.4.1.

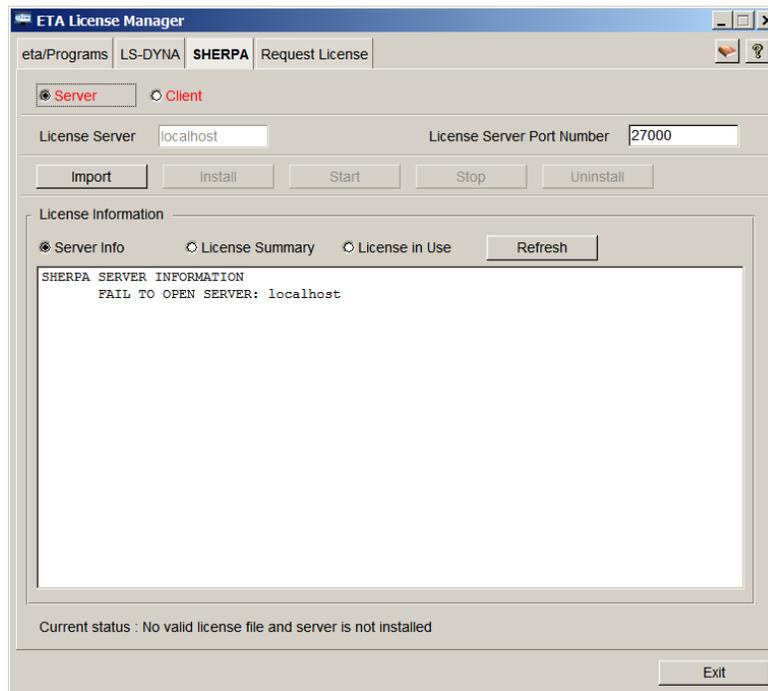


Figure 1.4.1 Select Server

Step 4: Import License

Click **Import**, select the folder where the license was saved, and select the license file, such as *xxx_pc_exp_XXXXX.lic*, as illustrated in Figure 1.4.2 and Figure 1.4.3.

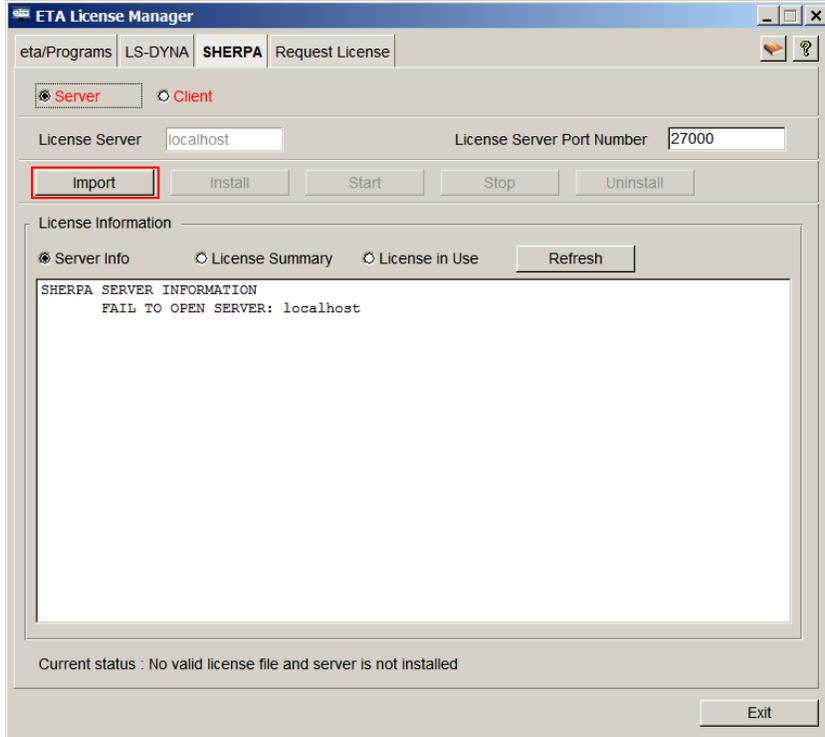


Figure 1.4.2 Click Import

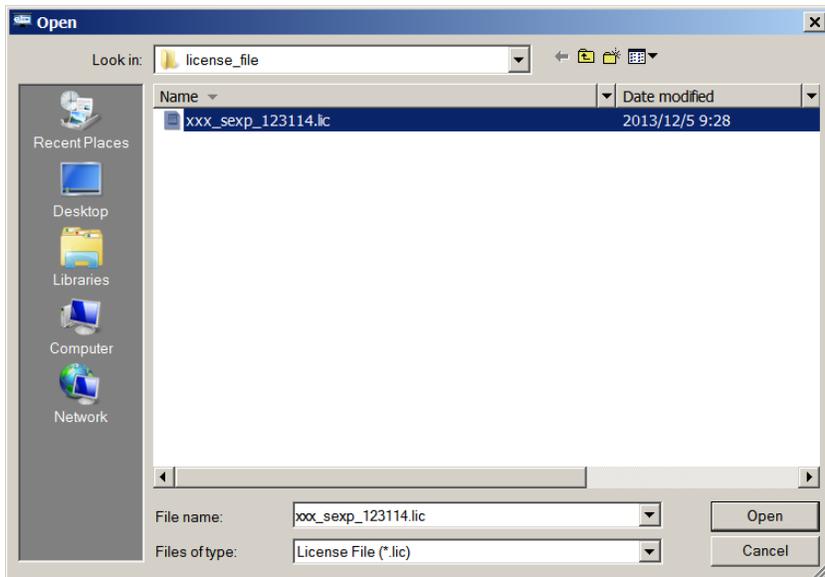


Figure 1.4.3 Select the license file

Click **Open** to import the license. The license file will be imported, named with a new name **SHERPA.lic** and put on the ETA License Manager installation folder, as illustrated in Figure 1.4.4.

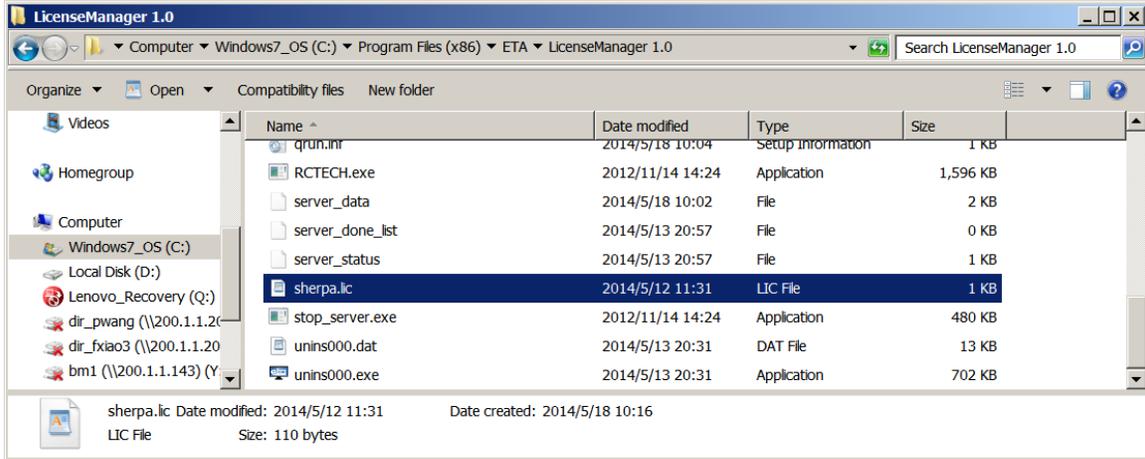


Figure 1.4.4 ETA License Manager installed folder

Note: License file must be generated on the server machine, where the SHERPA license serve will be installed.

After clicking **Open**, if the license is valid, the program will pop up a dialog with the message “**License file is imported successfully**”, as illustrated in Figure 1.4.5.

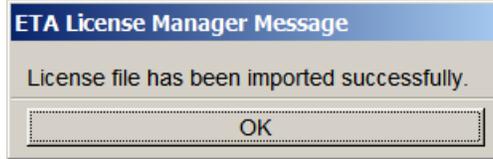


Figure 1.4.5 Valid License

If the license is not valid, the program will pop up a dialog with the message “**No valid license in file xxx-pc_exp_XXXXXX.lic**”, as illustrated in Figure 1.4.6. Please check the license file.



Figure 1.4.6 No Valid License

After import the SHERPA license file, ETA License Manager will auto install **SHERPA License Manager** service in the Windows service, and start the **SHERPA License Manager Service** on Server machine, as illustrated in Figure 1.4.7.

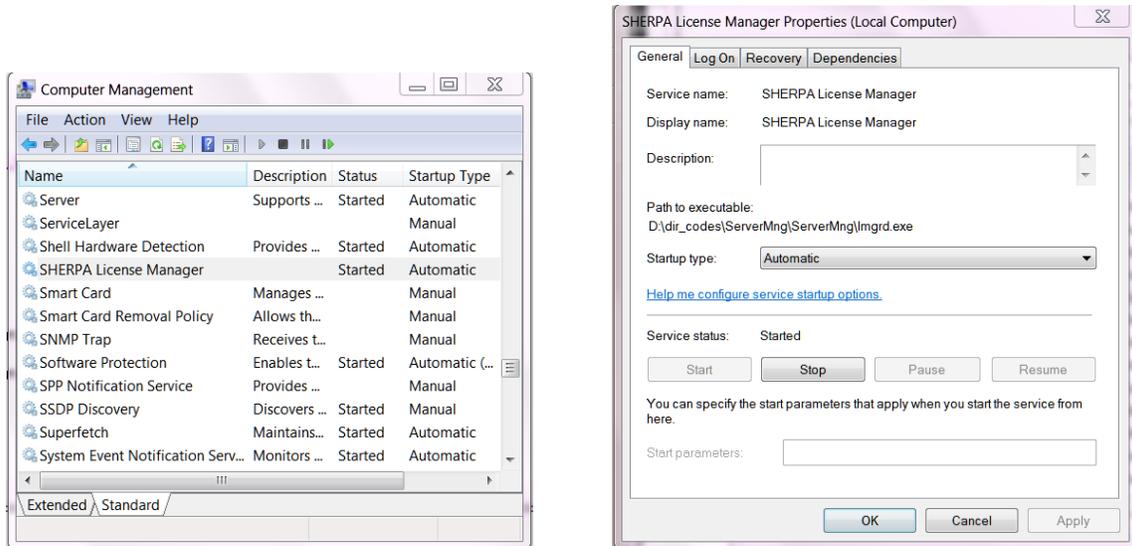


Figure 1.4.7 SHERPA License Manager Service

After installing the SHERPA license, one Environment Variable will be created and added to the user variables, as illustrated in Figure 1.4.8:

RCTECH_LICENSE_FILE = @localhost

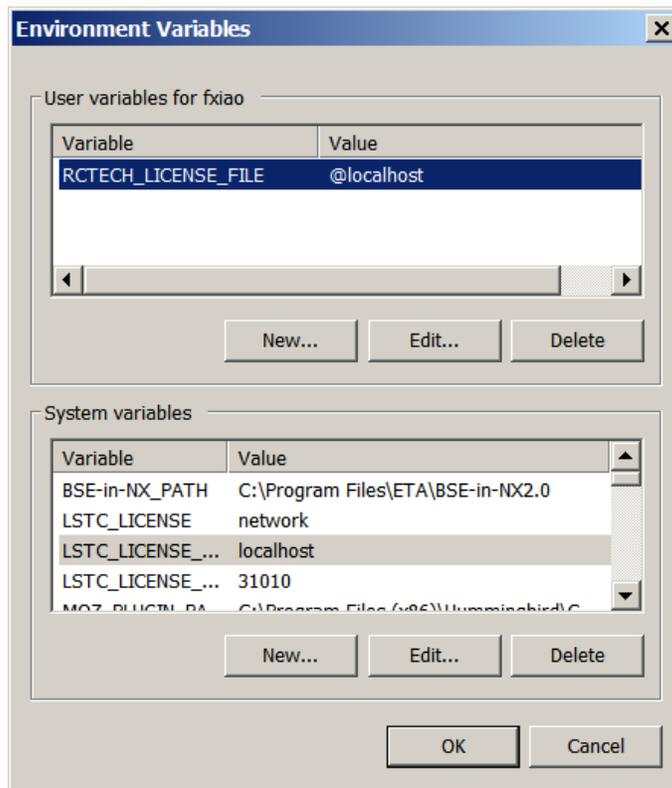


Figure 1.4.8 One Environment Variable

*Note: The program has added the environment variable in User Variables of the server machine. After starting **SHERPA License Manager Service** on server machine, the user can run an optimization with **SHERPA** on server machine. To run an optimization with **SHERPA** on the client machine, the user must install the environment variable on client machine.*

Stop SHERPA License Manager Service

After clicking **Stop**, the **SHERPA License Manager Service** will be stopped, and user cannot run an optimization with **SHERPA** on client machine and server machine, as illustrated in Figure 1.4.9.

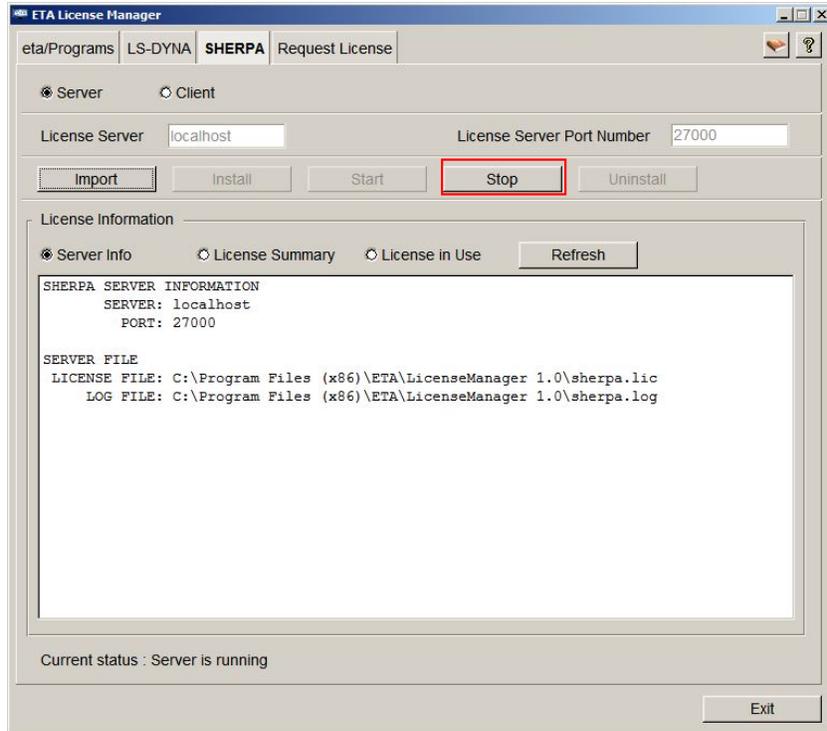


Figure 1.4.9 Stop License

Uninstall SHERPA License Manager Service

Click **Uninstall**, the **SHERPA License Manager Service** will be uninstalled, and the created environment variable will be removed at the same time, as illustrated in Figure 1.4.10. The user must import and install the **SHERPA** license again to start the **SHERPA License Manager Service**. The license server needs to be stopped to activate the **Uninstall** button.

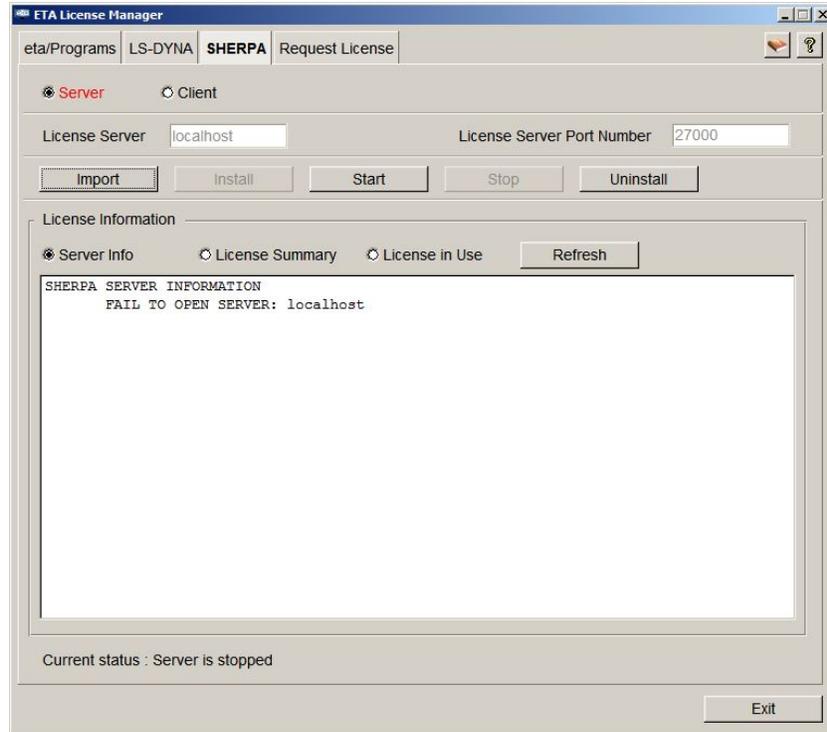


Figure 1.4.10 Uninstall SHERPA License

1.4.2 RUN SHERPA ON CLIENT MACHINE

When installing the SHERPA license on the server machine, the program has added the environment variable in User Variables of the server machine. After starting **SHERPA License Manager** Service on the server machine, the user can run an optimization with SHERPA on server machine.

To run an optimization with SHERPA on Client machine, the user needs to do the following steps.

Step 1: Run “ETA License Manager” on Client Machine

On the Client machine, double-click the “**ETA License Manager**” icon on the desktop, or click “**ETA License Manager**” in the **Program Start Menu: Start → All Programs → ETALicenseManager 1.0 → ETALicenseManager**.

Note:

1. *User can do the steps in section 1.1 to install ETA License Manager.*
2. *Administrative privilege is required to run ETA License Manager.*

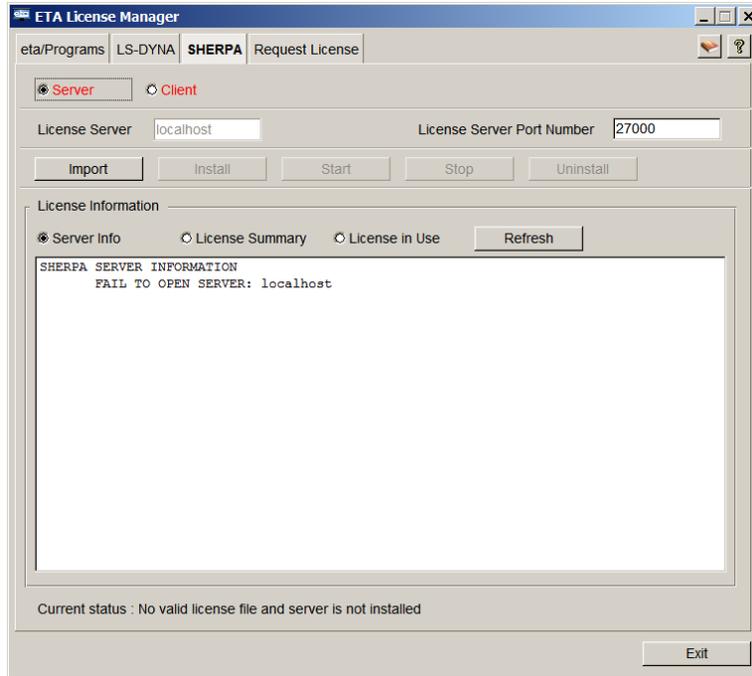


Figure 1.4.11 ETA License Manager

Step 2: Select Client

Switch to **SHERPA** tab, and then select *Client* to create environment variable on the client license, as illustrated in Figure 1.4.12.

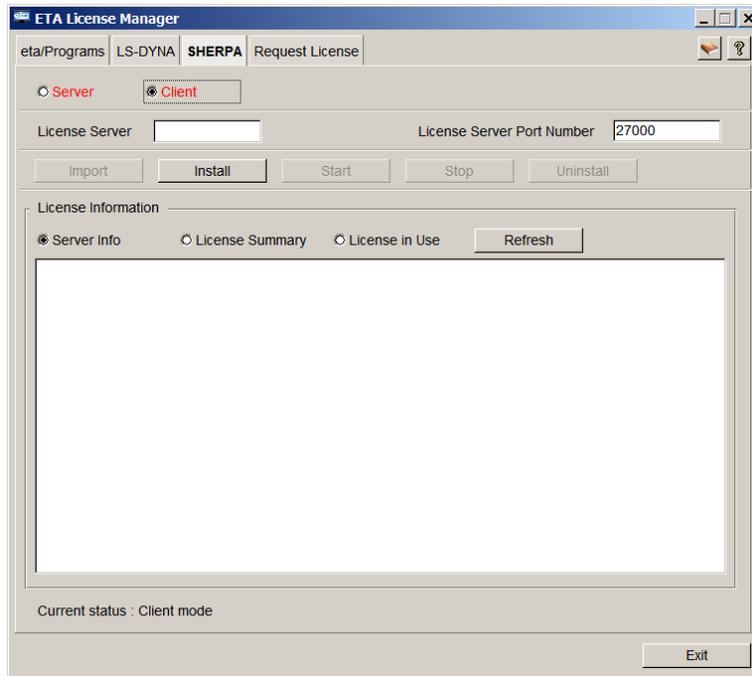


Figure 1.4.12 Select Client

Step 3: Fill License Server

Fill in the License Server with *IP Address* or *full computer name* of the Server machine, as illustrated in Figure 1.4.13.

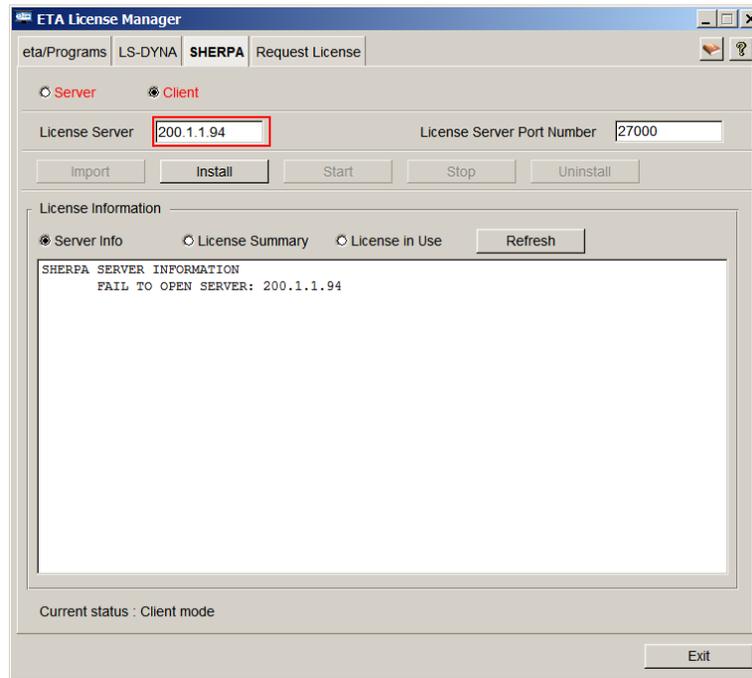


Figure 1.4.13 Fill License Server

Note:

1. *If filing in the IP Address in License Server, it should be the IP address of the Sever machine, where the SHERPA Server license is installed. The IP Address of the Server machine should be static, and not be allowed to change.*
2. *If filing in the full computer name in License Server, it should be the full computer name of the Server machine where SHERPA server license is installed.*

Step 4: Install Client Environment Variable

Click *Install*, one Environment Variable will be created and added to the user variables on the Client machine, as illustrated in Figure 1.4.14:

RCTECH_LICENSE_FILE = @200.1.1.94

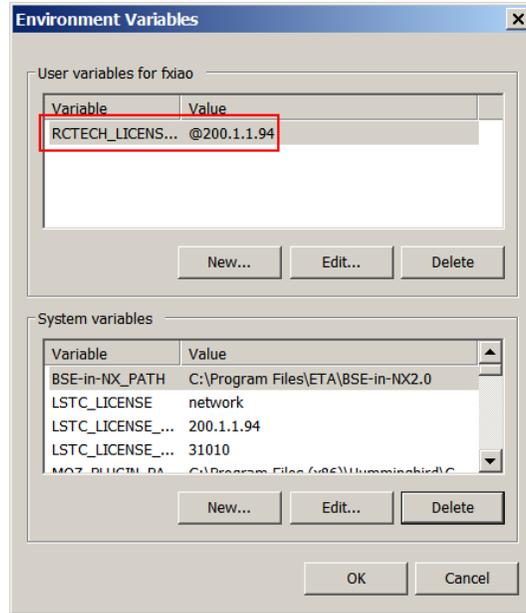


Figure 1.4.14 One Environment Variable of the Client Machine

After having created the environment variable, the user can run an optimization with SHERPA on the Client machine.

1.4.3 TROUBLE SHOOTING

1.4.3.1 PROBLEMS CONNECTING TO THE LICENSE SERVER

If you get a “license server connection problem” error after installation, most likely there is a problem with the firewall or security settings on the license server machine:

1. Try turning off the Windows Firewall *and* any network security software *that is* running.
2. Attempt to connect from the client machine again.
3. If this works, you’ll need to set exceptions for the `lmgrd.exe` and **RCTECH.exe** executable in the ETA License Manager installation folder.

To set Windows Firewall exceptions for the **lmgrd.exe** and **RCTECH.exe** executable files, the user must do the following steps.

Step 1: Make sure that you are a user in either the *Network Configuration Operator* or *Administrator* group.

Step 2: Navigate to the *Control Panel* and open the *Windows Firewall*.

Step 3: Click on the *Advanced setting*.

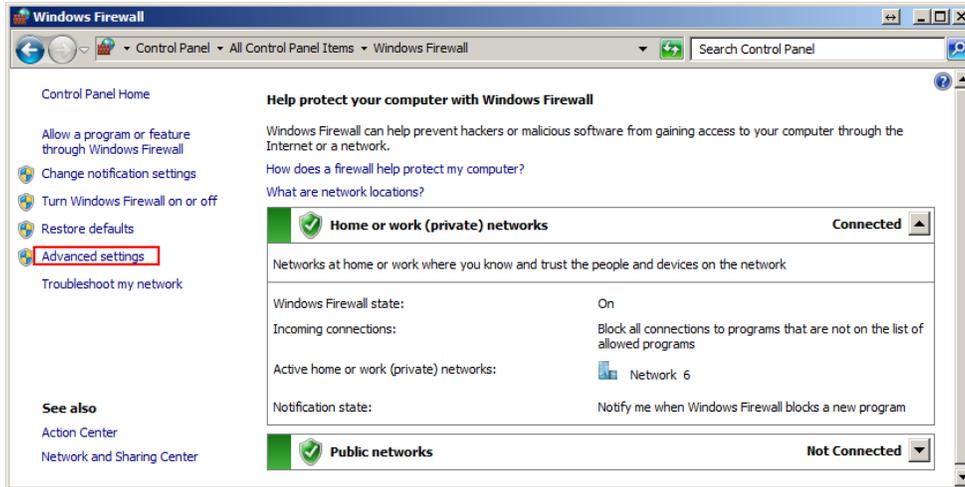


Figure 1.4.15 Windows Firewall

Step 5: Select *Inbound Rules*, click *New Rule*.

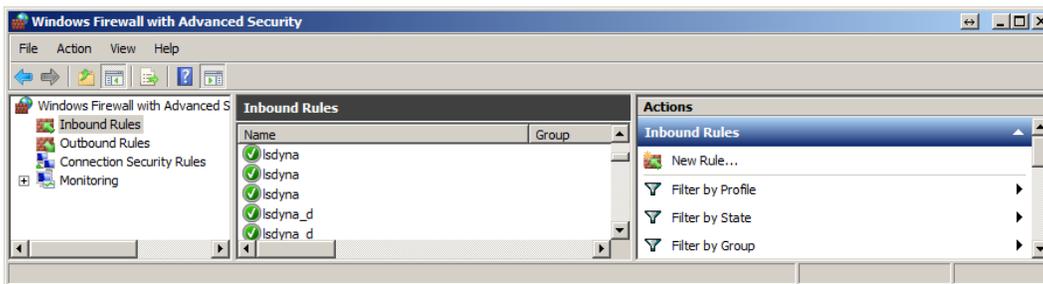


Figure 1.4.16 New Rule of Inbound Rule and Outbound Rule

Step 7: Browse to **lmgrd.exe** in ETA License Manager installed folder, and click OK.

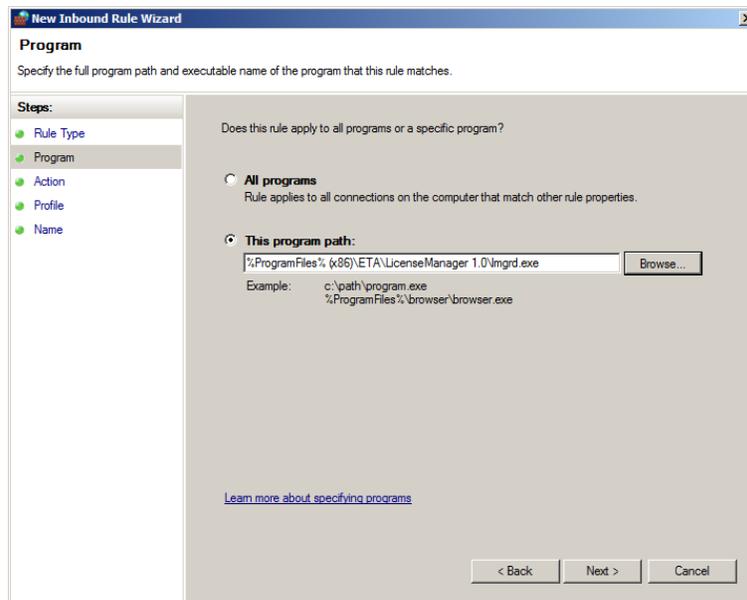


Figure 1.4.17 New Inbound Rule

Step 8: Repeat steps 6 and 7 to define the **Outbound** rule for **lmgrd.exe**.

Step 9: Repeat step 6 to step 8 to define the **Inbound** rule and **Outbound** rule for **RCTECH.exe**.

The **Windows Firewall** will now allow the license server to be contacted.

1.4.3.2 FAILED TO START SHERPA SERVICE

If it is failed to start SHERPA Service after click Start button in **SHERPA LICENE** tab, get a “The SHERPA License Manager service started and then stopped. Please check if the port is used by other service.” error, most likely there is an existed **SHERPA Service** with different server name, manually installed by LMTOOLS, or the port is used by other service.

For only one **SHERPA** Service can be started by windows, if want to user **ETA License Manager** to manage **SHERPA** License, you need to remove the existed the **SHERPA** service with LMTOOLS, then install **SHERPA** License and start SHERPA service by **ETA License Manager**.

If the port is used by other service, change the default port number “27000” to an un-used port number.

1.5 REQUEST LICENSE

The **Request License** tab is used to generate the license log of **ETA Programs**, **LS-DYNA** and **SHERPA**, as illustrated in Figure 1.5.1.

Figure 1.5.1 Request License

If you do not have an ETA program License, you can do the following steps to request a license.

Step 1: Run “ETA License Manager”

Double-click the “**ETA License Manager**” from the desktop icon, or click “**ETA License Manager**” in the **Program Start Menu: Start → All Programs → ETALicenseManager 1.0 → ETALicenseManager**.

Note:

1. *User can do the steps in section 1.1 to install ETA License Manager.*
2. *Administrative privilege is required to run ETA License Manager.*

Step 2: Select the ETA program

Switch to **Request License** tab, and select one version of the eta program, as illustrated in Figure 1.5.2.

You also can select other ETA program.

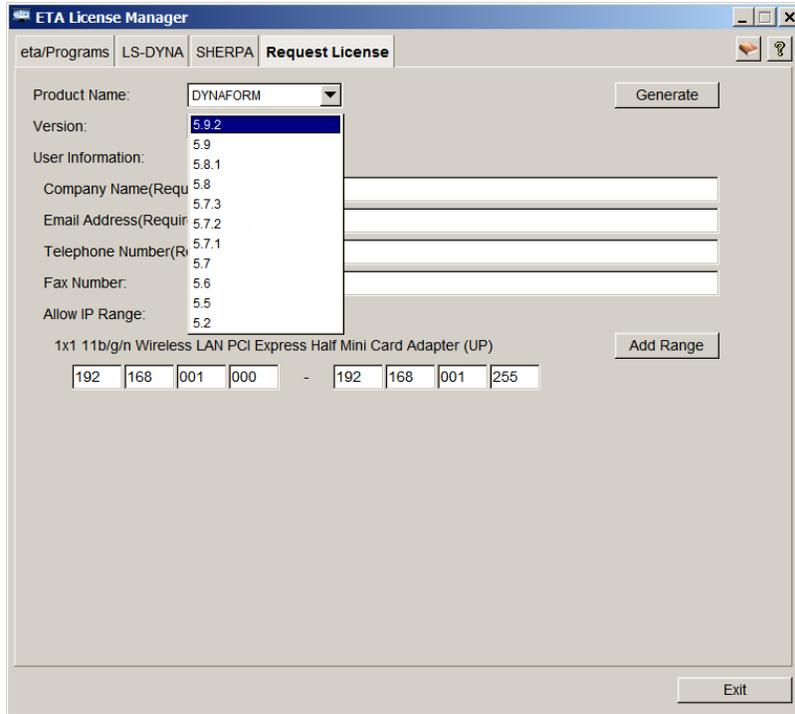


Figure 1.5.2 Select Version

Step 3: Fill User information

User information includes *Company Name*, *Email Address*, *Telephone Number*, *Fax Number* and *Allow IP Range*, as illustrated in Figure 1.5.3. The *Company Name*, *Email Address* and *Telephone Number* must be filled in.

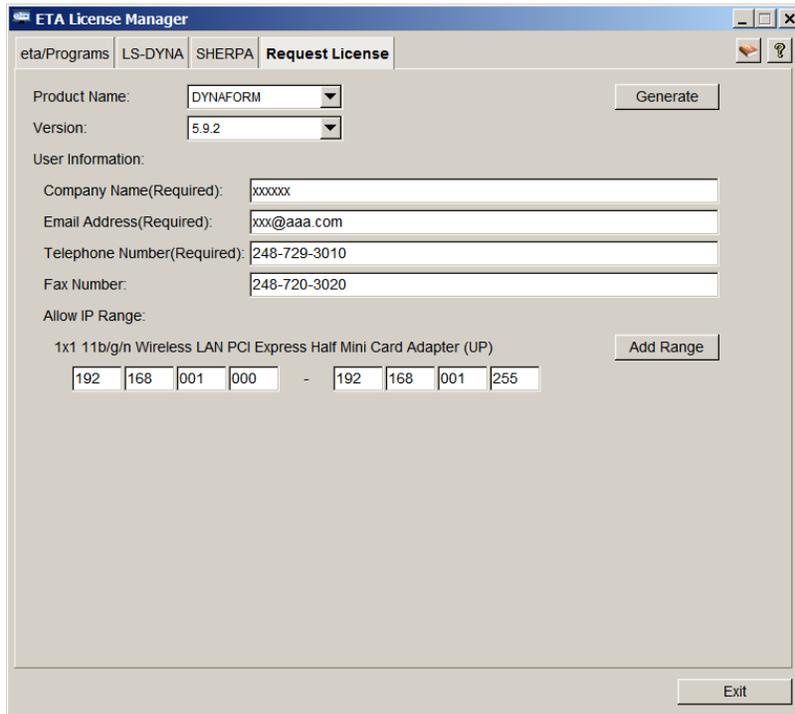


Figure 1.5.3 Fill user's information

Step 4: Generate log file.

Click *Generate* and the program will ask you to select a folder in which to save the log file. The program will generate the log file of license request at the path: **eta.log**. The log file contains the license request information of **eta program**, **LS-DYNA** and **SHERPA**, as shown below.

```

#####
#                               #
#   LockIt license request log   #
#           32-bit               #
#           [1465]               #
#####
Product   :   5.92
Build     :   Mar 18, 2014
System ID :   clf033de63f16bb299fde31245b3
OS        :   Windows 7 Professional Service Pack 1 (Build 7601)
Time      :   Sun May 18 07:38:40 2014

```

```

#####
# Information for requesting SHERPA license:
#####
Host Name : "fxiao-THINK"
Host ID   : "60d819c3c4e3 f0def1b2fd12"

```

```

#####
# Information for requesting LS-DYNA license:
#####
xxxxxxx
    EMAIL: xxx@aaa.com
    FAX: 248-720-3020
TELEPHONE: 248-729-3010
# 0: d 756e6547 6c65746e 49656e69
# 1: 206a7 100800 1fbae3ff bfebfbff
# 2: 76035a01 f0b2ff 0 ca0000
# 4: 1c004121 1c0003f 3f 0
# 5: 40 40 3 21120
# 6: 77 2 9 0
# 9: 0 0 0 0
# 10: 7300403 0 0 603
# 11: 1 2 100 0
# 13: 0 0 0 0
# e0: 80000008 0 0 0
# e1: 0 0 1 28100000
# e2: 20202020 6e492020 286c6574 43202952
# e3: 2865726f 20294d54 322d3769 51303637
# e4: 5043204d 20402055 30342e32 7a4847
# e6: 0 0 1006040 0

```

```
# e7: 0 0 0 100
# e8: 3024 0 0 0
#
# OPTIONS LOCALUSER/LOCALWINOPTS GENERATE A Windows LOCAL LICENSE
#   LOCALUSER: User Name
#   LOCALWINOPTS: ALL
#
SERVER: 9C34B570 9AB6FBEA 5D2A26DD 9342850F F06C3096
# TeamViewer VPN Adapter (DOWN)
SERVER: 20DD1B78 28942505 3D88B2B4 A82B2551 0377BD0F
ALLOW_RANGE: 192.168.001.000 192.168.001.255
# 1x1 11b/g/n Wireless LAN PCI Express Half Mini Card Adapter (UP)
SERVER: A00C6C00 5FDEBD87 AE8C0D3C B4B7235D 9FB99A01
# Intel(R) 82579LM Gigabit Network Connection (DOWN)
SERVER: B651AA19 6406B6CC 72CB762F 605ECAD4 6FCEC74A
ALLOW_RANGE: 127.000.000.001 127.000.000.001
# Generic (UP)
# Number of CPUs: 8
# ProductId      : No ProductId Information
#
ALLOW_RANGE:   XXX.XXX.XXX.XXX XXX.XXX.XXX.XXX
#
SERVER_WRITE:      600
SERVER_PING:       1200
CLIENT_PING:       900
ASSUME_DEAD:       3600
#
CPUS: XX
LS-DYNA_971 MMDDYYYY
OPTION: REVISION 6
MPPDYNA_971 MMDDYYYY
OPTION: REVISION 6
#
CPUS: XX
LS-OPT MMDDYYYY
#
```

~~~~~

**Step 5: Send the eta.log to your distributor or ETA [key@eta.com](mailto:key@eta.com) for License.**

*Note: The LS-DYNA license needs a range of IP addresses or multiple ranges. Please provide the appropriate IP Address information when you send it to the distributor or ETA. Once the license file is generated, it cannot be modified by the end user.*