



OLI ESP 9.3 Installation Guide

OLI ESP 9.3 is a steady-state process modeling tool specifically designed to help you simulate, design and analyze a wide variety of chemical processes involving aqueous electrolytes.

The installation script for OLI ESP 9.3 is available in two forms:

- A self-extracting, executable file named “OLI ESP 9.3.x.exe” available for download from the OLI Systems web site¹.
- A product distribution DVD/USB available from OLI Systems.

In addition to the installation disk or self-extracting executable, you will need an OLI Hardlock security device (hardlock or softlock) and Serial Number combination or a Serial Number associated with an OLI Network License Server running on your network.

If you don't have these, please contact OLI Systems (973-539-4996).

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¹ The 9.3.x indicates that the installation package could be any version between 9.3.1 and 9.3.9

1 Requirements

1.1 Hardware

Resource	Minimum Requirements
CPU	Intel compatible @ 3 GHz or faster
Physical Memory (RAM)	At least 4 GB
Virtual Memory	At least 2 times Physical Memory
Hard Disk Space	At least 250 MB free
Monitor	Color with at least 1024 x 768 resolution
Pointing Device	2 or 3 button Microsoft compatible mouse
Ports	1 USB port

1.2 Operating System

The following table shows the versions of Windows that are supported and the preferred service pack level for each.

Operating System	Service Packs
MS Windows 7	Latest
MS Windows 10	Latest

Please note that OLI no longer supports Windows XP or earlier.

2 Installation

There are two security options available from OLI: 1) workstation security using a Hardlock/Softkey key or, 2) network security using the OLI Network License Server.

If you have been sent an OLI Hardlock key then follow the instructions in Section 2.1 and then proceed to Section 2.3 to install the software.

If your organization uses network security then start at Section 2.2 and then proceed to Section 2.3.

2.1 OLI Hardlock/Softkey Key (Workstation Security)

If you downloaded the self-extracting executable from the OLI Systems web site, then you will need to contact OLI (973-539-4996) to obtain a Hardlock/Softkey and associated Serial Number.

To install the Hardlock key, simply attach it to the USB port located on the back of your computer then follow the instructions at [OLI Hardkey Instructions](#).

If you have a softkey then you will need to follow the instructions located at: [OLI Softkey Instructions](#)

2.2 OLI Network License Server

If your organization uses the OLI Network License Server then you will need an application client Serial Number and the IP address of the server running the network license service. Your site administrator will be able to provide you with the information you need.

You will need the Serial Number to perform the installation. The IP address will be used after you install the software.

You can find additional information about installing the network security via this link: [OLI Network Security](#)

2.3 Software Setup

OLI ESP uses InstallShield to lead you through a typical Windows installation process.

If you downloaded the self-extracting executable from the OLI Systems web site, then use Windows Explorer to locate the file and double click on the file to start the installation. .

If you have a product distribution DVD or USB provided by OLI, then insert the device and run X:\setup.exe (where X: is the drive letter for your device). Or, open Windows Explorer, locate 'setup.exe' and double click on it.

The installation starts with²:



² Or a image similar to this one except for version numbers

Click 'Next' to review the license agreement:



If you agree with the terms of the license agreement, click 'Yes' to proceed to the Customer Information dialog:

OLI ESP 9.3.2 (Jul 20, 2016) Setup

Customer Information
Please enter your customer information

User Name:
jberthold

Organization:
OLI Systems, Inc.

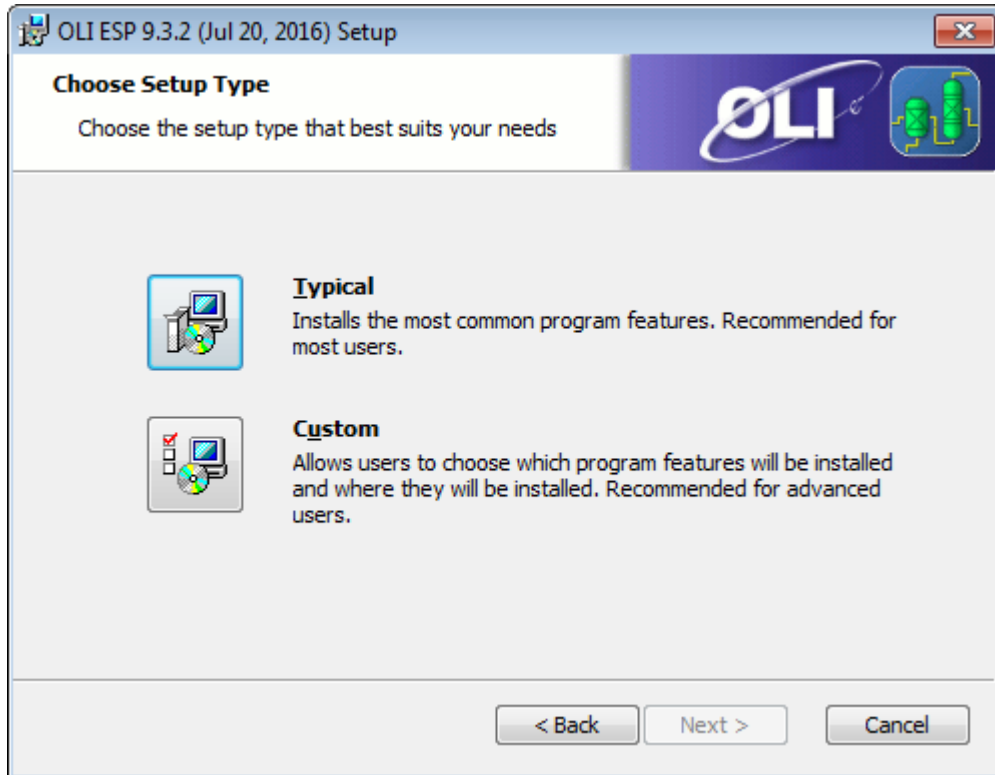
Serial Number:
V2-QLEC-P6L1-BL3P-J6A@-7C43-@FWA

Use the Ctrl+V keyboard shortcut to paste text from clipboard.

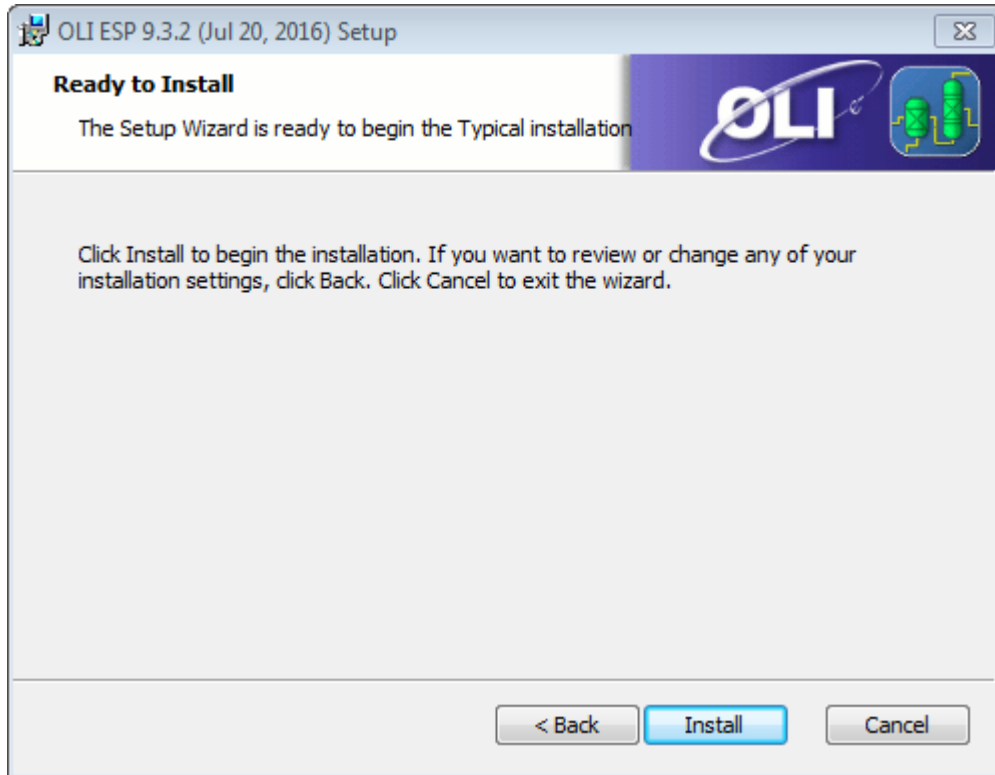
< Back Next > Cancel

You will need to complete all of the fields on this dialog. Enter the Serial Number that you received from OLI Systems or your network license administrator.

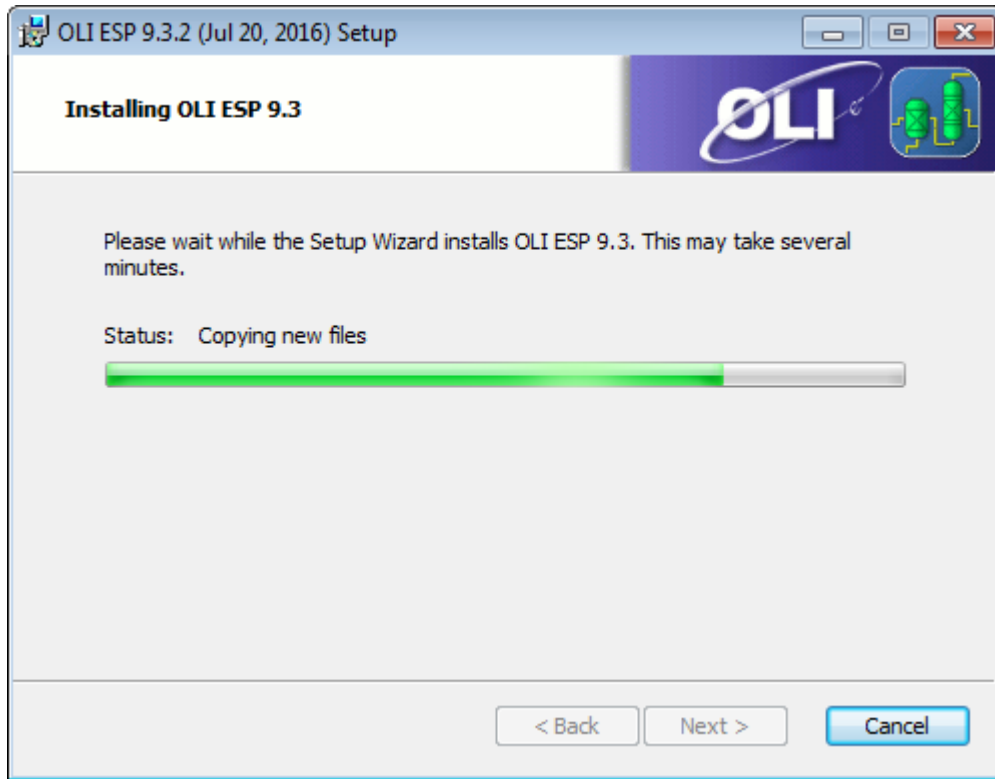
OLI recommends that you select the **Typical** button for most installations.



You are now ready to install the software, click the **Install** button:

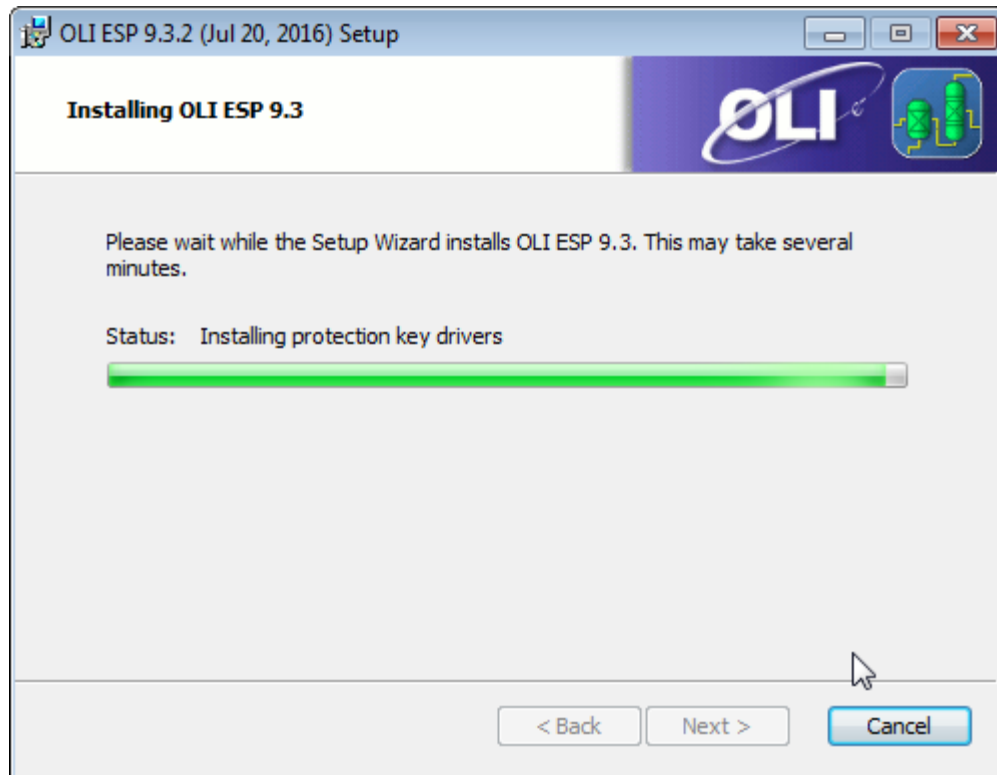


You will see the following status dialog while the program files are copied, the program group is created and registry entries are added.

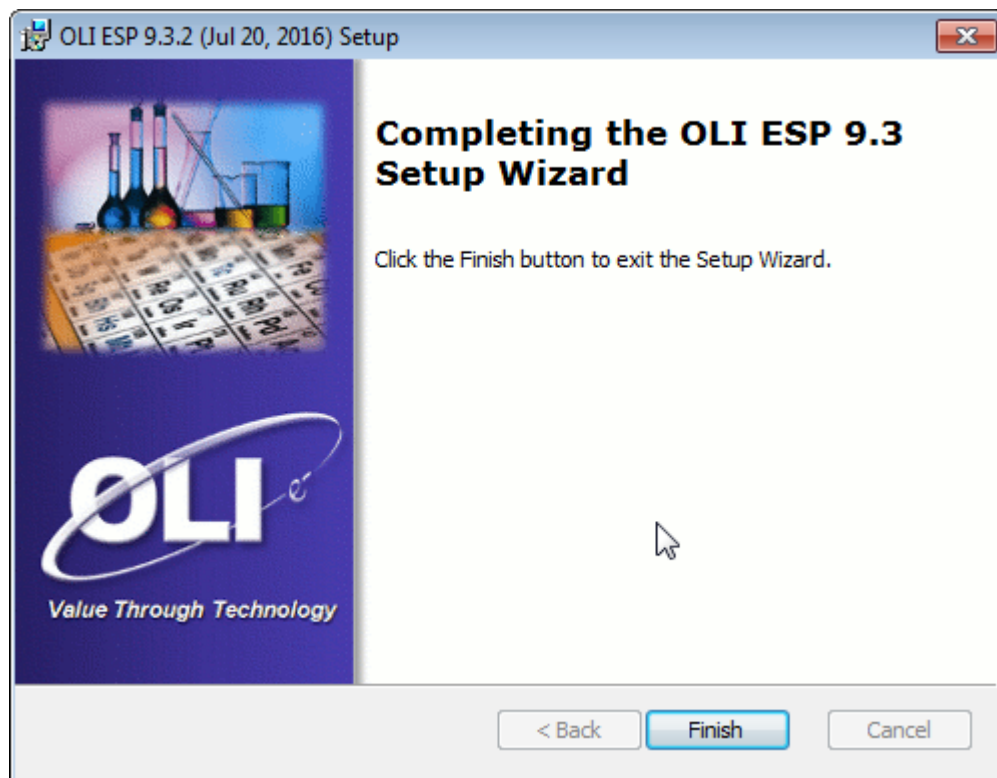


If prompted to allow the software to install on this computer please accept YES.

If you are using workstation security, the Hardlock device driver installation script will start. This is a very brief installation and you won't be prompted for any information. Click 'Next' to complete this installation.



After the Hardlock drivers are installed, you will see the following dialog:



Simply click 'Finish' to exit the installation.

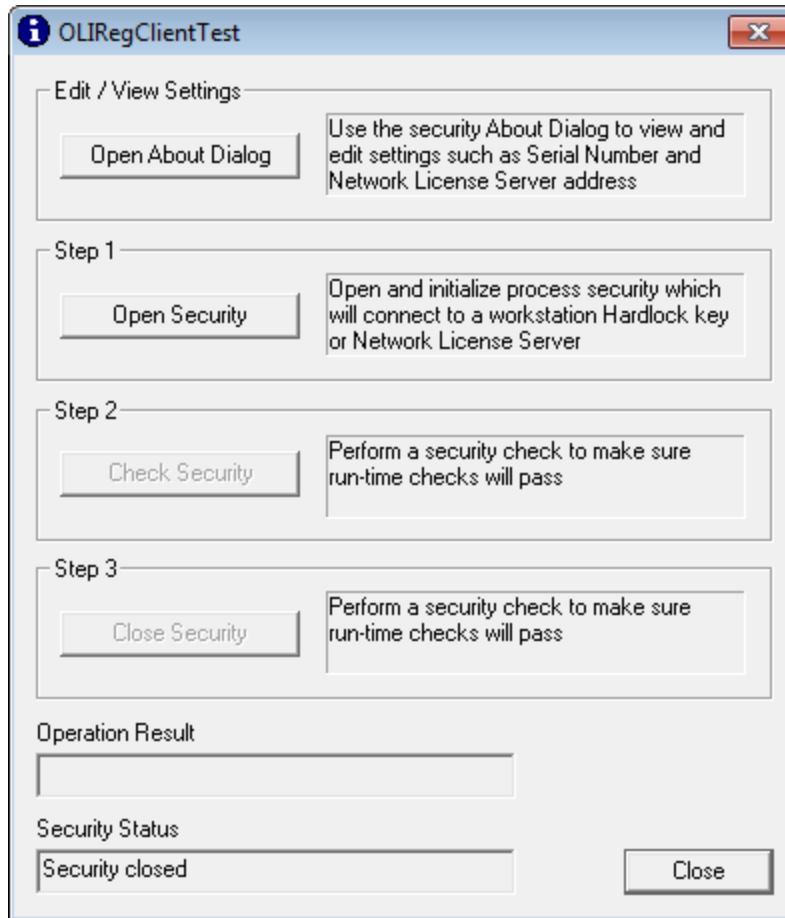
2.4 Application Security Settings for Network License Server

If you are using network security and the OLI Network License Server is installed and running, you may need to provide an IP address for the network license server.

A utility has been provided that makes it easier to test and update security related settings. Click on the 'Start' button and navigate to:

Programs\OLI Systems\ESP 9.3\Tools

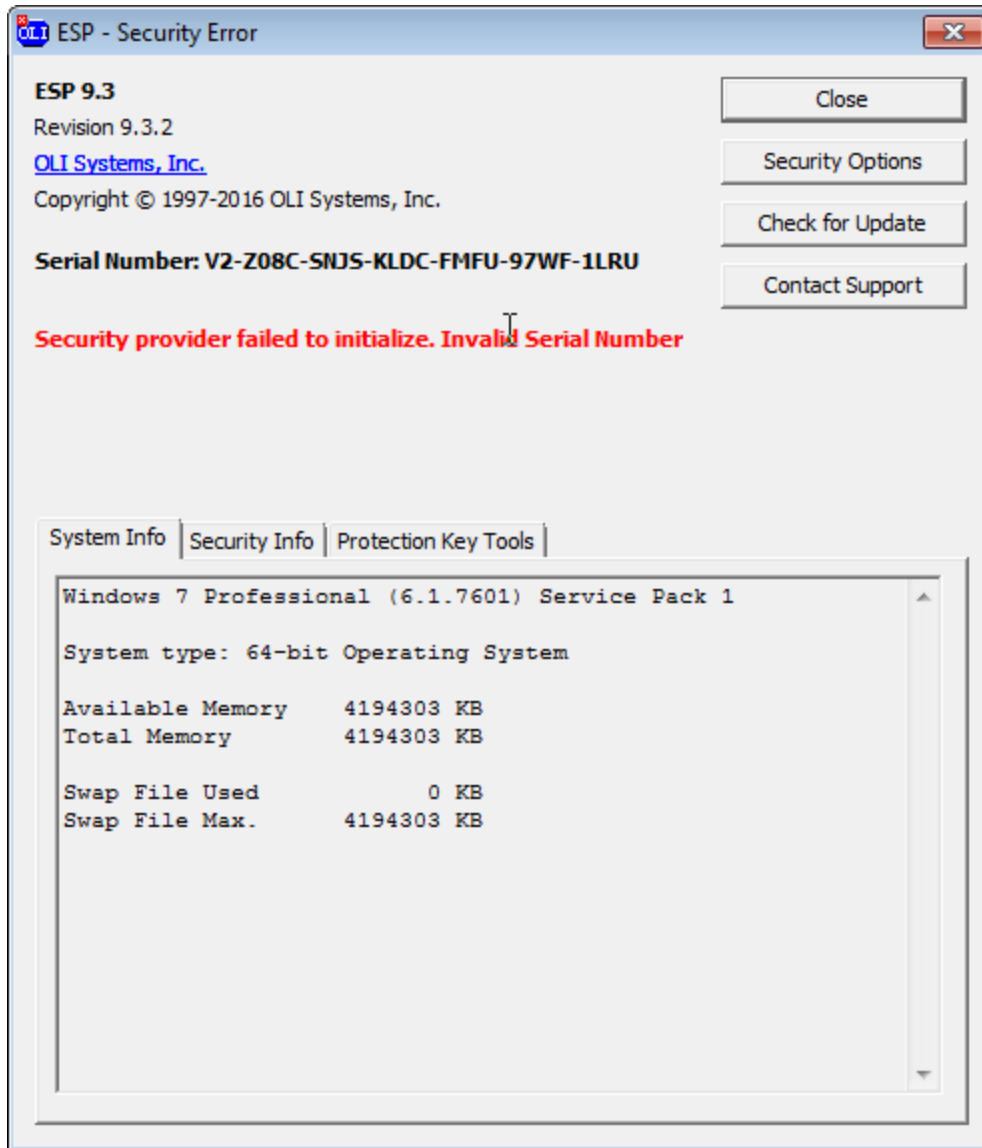
Click on the 'Security Settings and Test' item to start the application:



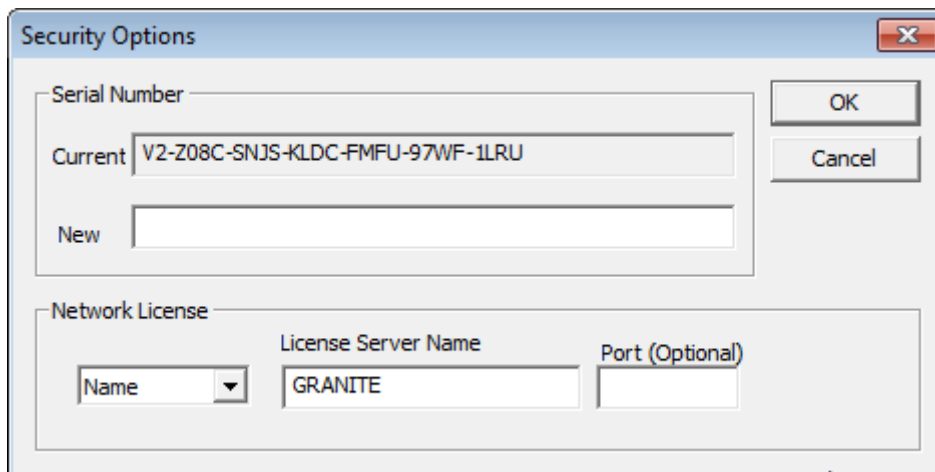
Press the “Open Security” button.

If the OLI Network License Server is accessible then the message “Open succeeded” will appear in the “Operation Result” field. If not, then the following dialog will appear³:

³ Or a similar error message

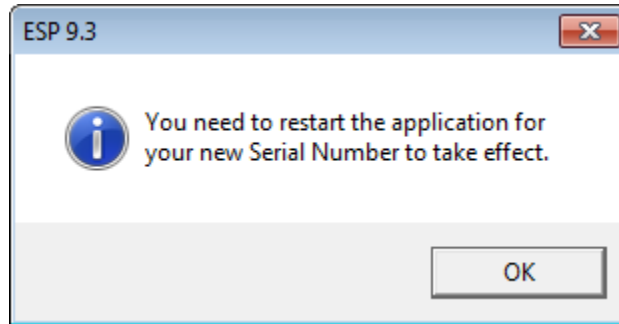


Click on the “Security Options” button to open the following settings dialog:



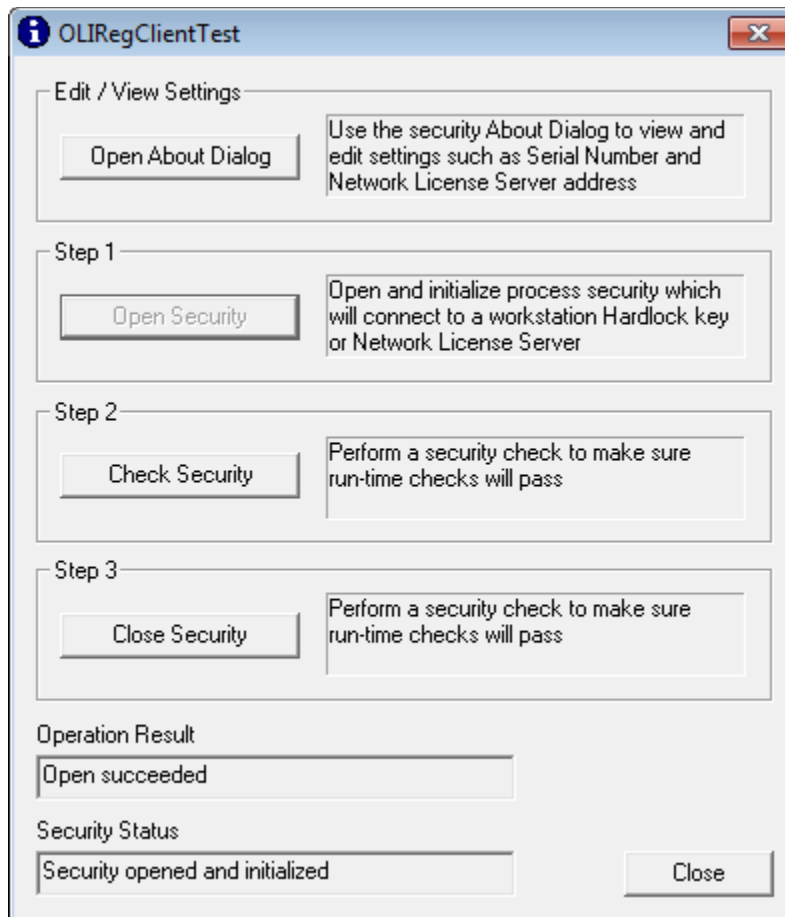
Enter an IP address/Name for the server that is running the OLI Network License Server. Also ensure that you have used the correct client serial number. Alternatively, your network administrator may give you a license server name (binding) to use instead. Press “OK” to accept the changes and close the dialog.

You may see the following dialog:



Click **OK** to update this information. Close and restart the **OLI Security Settings and Test** program.

Now, press the “Open Security” button again. If successful, you should see:



Press the “Check Security” button to test the connection and then press the “Close Security” button to close the connection to the license server.

You’re done, press the “Close” button to exit the application.

Now, try running OLI ESP by double clicking on the desktop icon. If the “OLI Security Error” dialog box appears then please contact OLI Systems Support (973-539-4996 ext. 24) for assistance.