

Activating Licenses Online Using a Local License Server

October 2016



Introduction

This document is an introduction to activating licenses online using a Local License Server.

In this example, we will look at setting up a computer as a Local License Server that will request a GE license from the GE Cloud. A License Client will be configured to use a local intranet license server to connect to the Local License Server to activate a license. The Client and Server will be configured on the same PC for the sample.

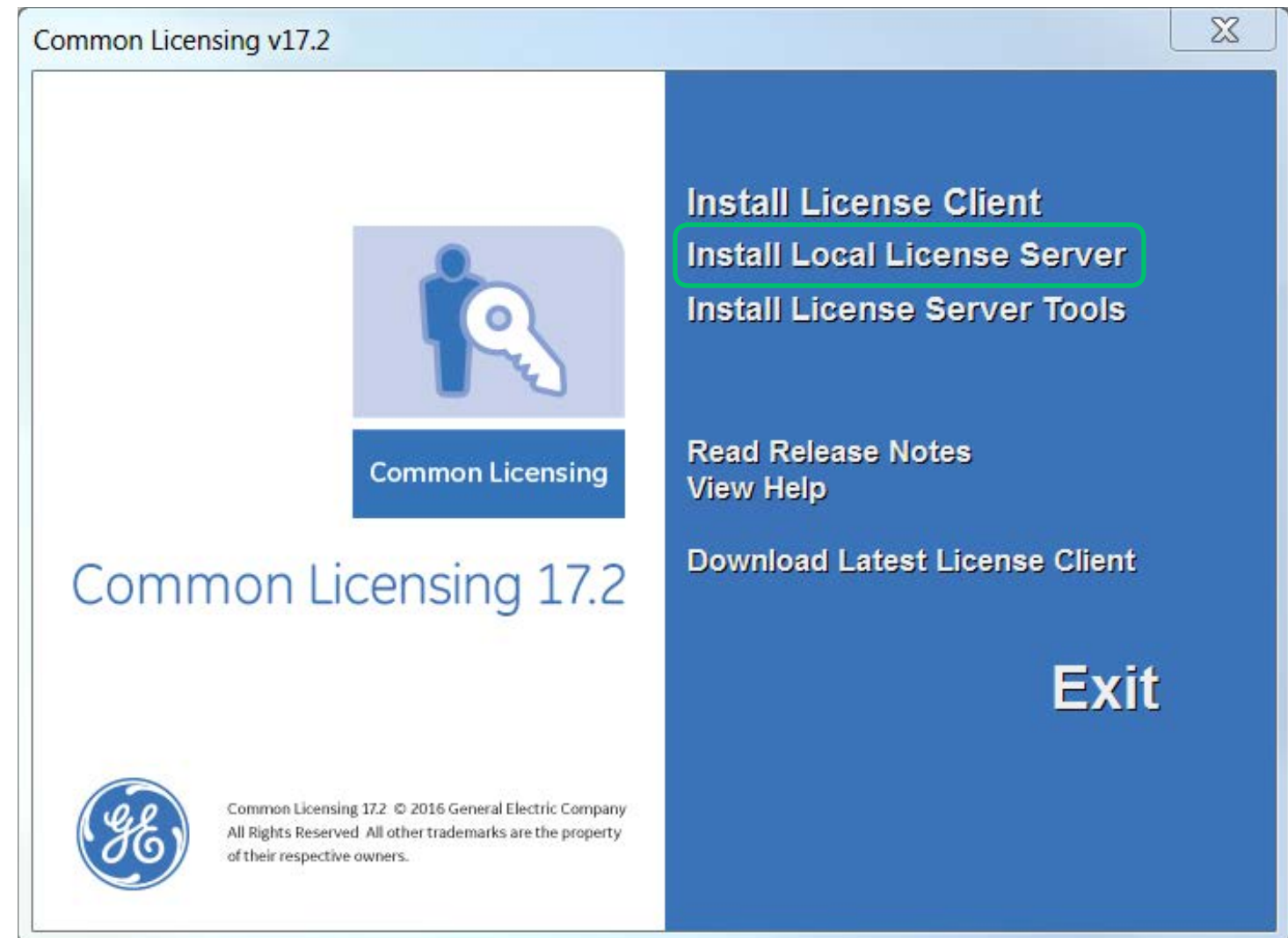
Common Licensing version is 17.2.910.0*

* Common Licensing verbiage on screen may differ slightly from the graphics pictured in this document, depending on the Common Licensing software version currently available for download. All instructions are still valid and accurate.

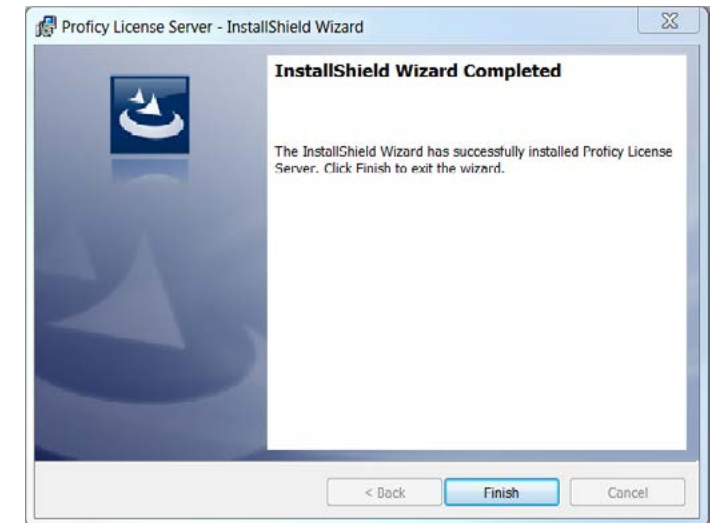
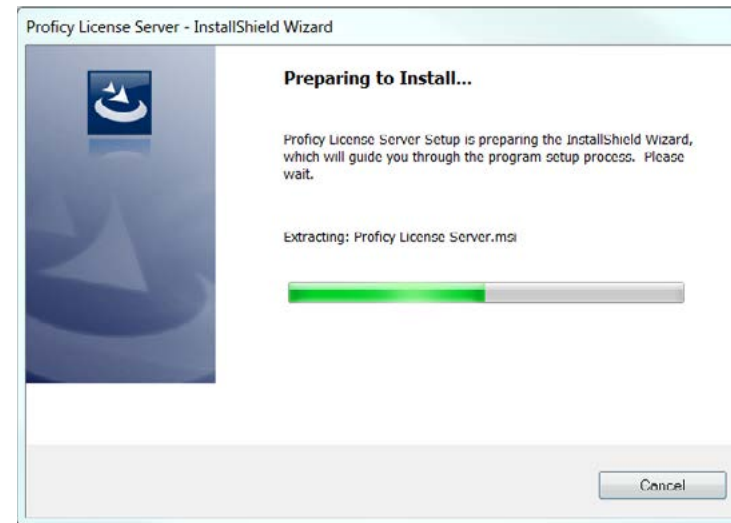


Local License Server Install and Configuration

Ensure that you have installed and are running the latest Common Licensing software. The link to this is https://ge-ip.force.com/communities/en_US/Download/Proficy-Licensing-Installer-DN. Launch the installer, downloaded from the above link, and you will be presented with the Common Licensing **installer splash screen**. Click on the Install Local License Server option.

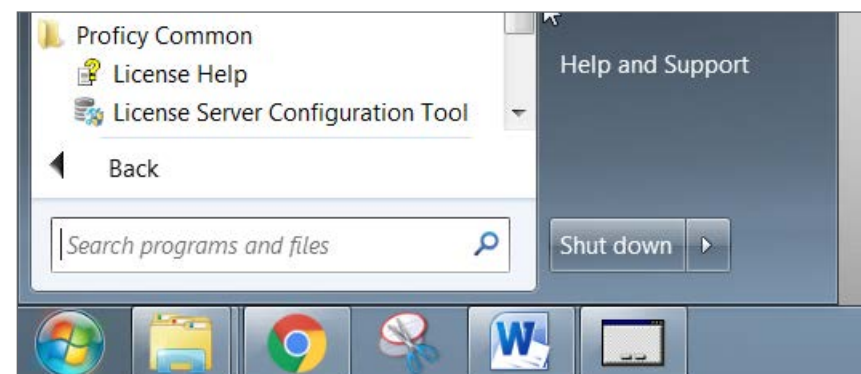


The InstallShield Wizard will automatically install the License Server, then click **Finish**.

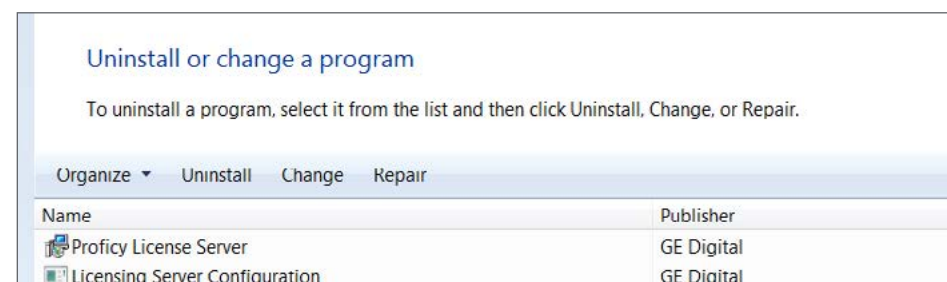


Now, install the **License Server Tools** to get the **License Server Configuration Tool**.

On the right, the Start menu for the Proficy Common folder shows the configuration tool but **the actual server does not show, which is normal.**



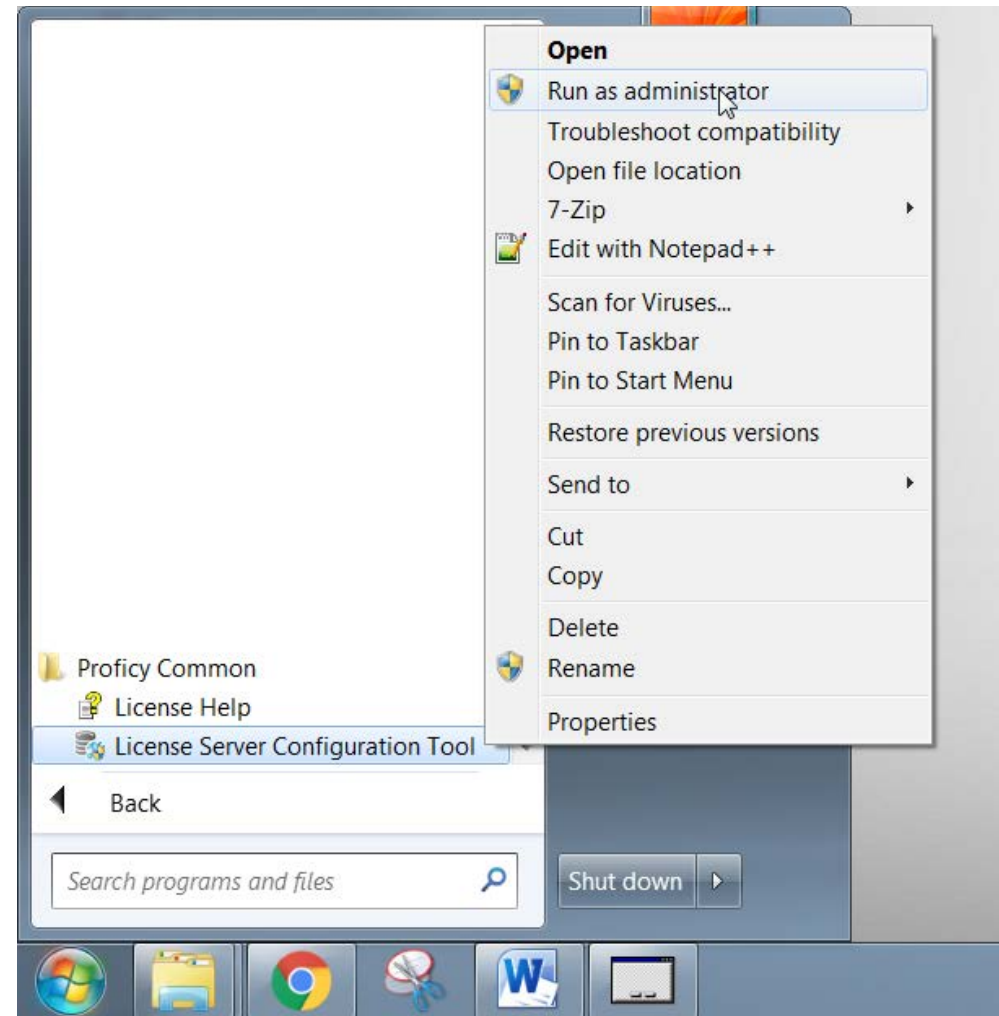
To verify if the Local License Server and Configuration tool are installed, go to **Start-> Control Panel -> Programs -> Programs and Features** and sort by name.



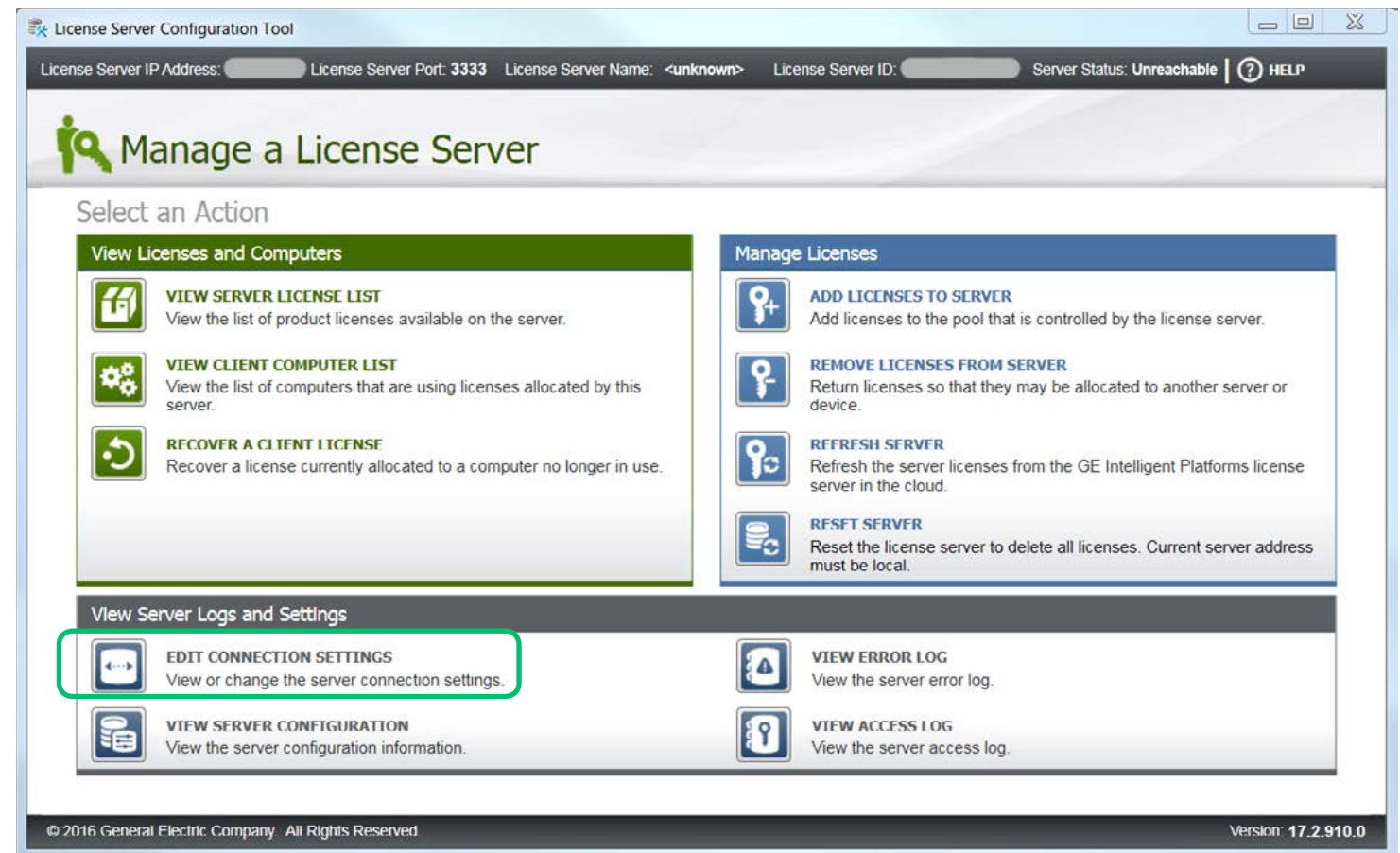
With Internet Access

From the computer with the License Server installed with internet access, start the License Server Configuration Tool by going to **Start-> All Programs-> Proficy Common-> License Server Configuration Tool** (right click and run as administrator). Acknowledge any User Access Control prompts.

The License Server Configuration Tool can be installed using the same installation program used to install the Local License Server. Simply click on Install License Server Configuration Tool and follow the prompted instructions.



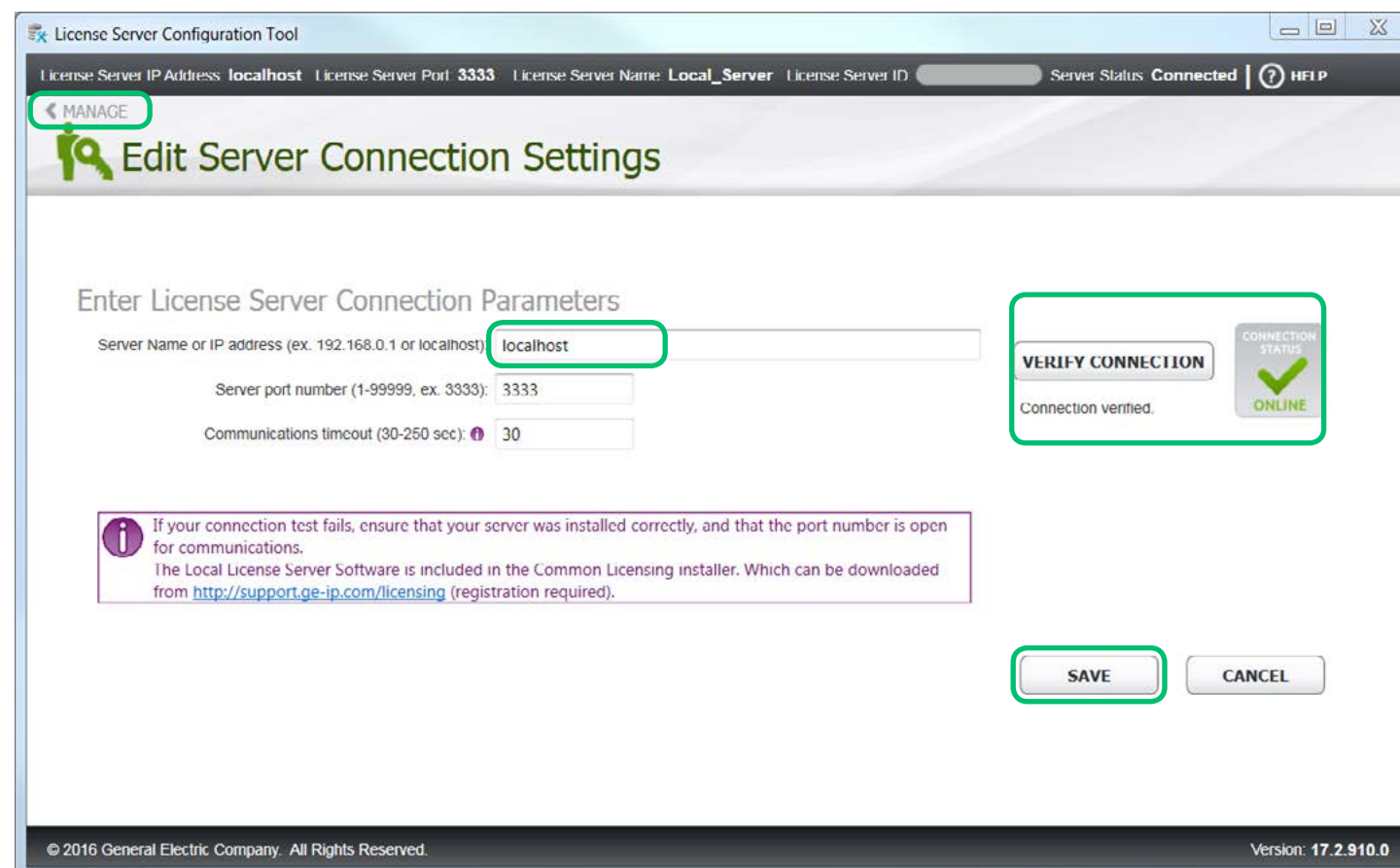
You are presented with the **Manage a License Server** screen. Choose **Edit Connection Settings**.



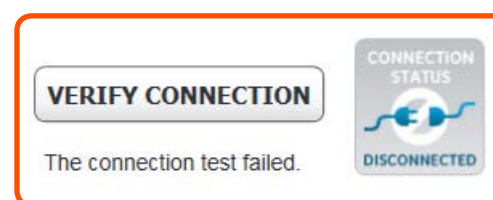
The following illustrates a verified connection, resulting from:

1. Entering “**localhost**” as the Server Name
2. Clicking the button **VERIFY CONNECTION**
3. Clicking the button **SAVE**

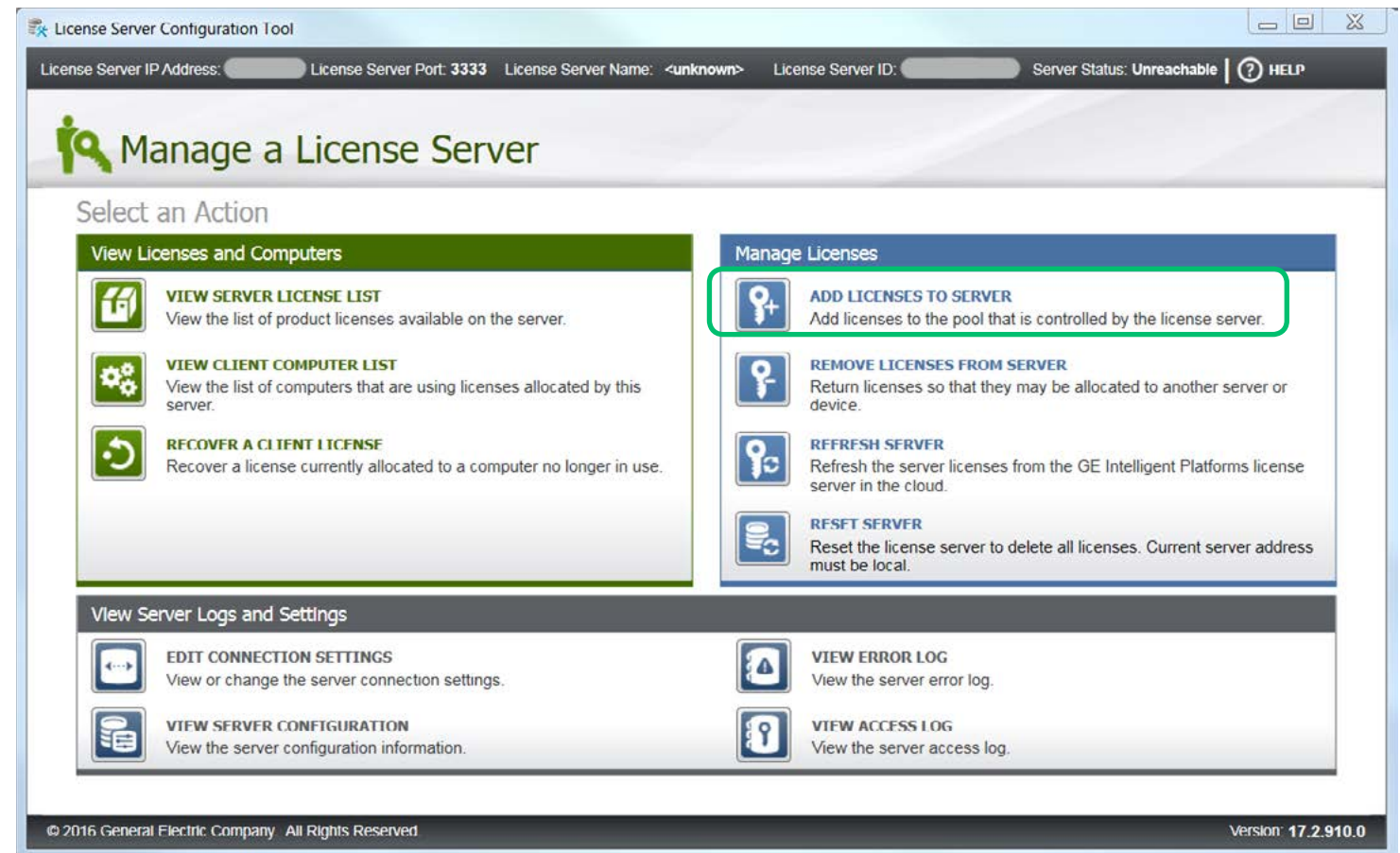
When finished with the settings, click **MANAGE**.



If the License Server cannot connect to the GE Cloud, you will see:



Click on **Add Licenses to Server**.



At the Add Licenses to Server screen, you are prompted to populate Activation Codes that the Local License Server will request from the GE Cloud.

The screenshot shows the 'License Server Configuration Tool' window. The title bar includes standard window controls. The main header displays configuration details: 'License Server IP Address: localhost', 'License Server Port: 3333', 'License Server Name: Local_Server', 'License Server ID: B808CF4104D2', and 'Server Status: Connected'. A 'MANAGE' link and a 'HELP' icon are also present. The main heading is 'Add Licenses to Server' with a magnifying glass icon. Below this, instructions state: 'Follow the steps to add Activation Codes to the License Server'. A diagram on the left, titled 'Current Connection Status', shows a central 'YOU' icon connected to 'INTERNET CONNECTED' (cloud icon) and 'INTRANET CONNECTED' (server icon). The main content area is titled 'Enter the Activation Codes for your products.' and includes a note: 'Activation Codes can be found in the confirmation email that you received with your order.' Below this is a form with four input fields separated by dashes, followed by 'Total Requested' set to '1' with an information icon. An 'ADD CODE' button with a plus icon is located below the input fields. A note states: 'To add multiple codes, press Add Code after each code entry.' Below the button is a section labeled 'Codes to Activate' with a large empty text area. At the bottom of the main area, a message says 'When all codes have been entered, press Next' next to a 'NEXT' button. The footer contains the copyright notice '© 2016 General Electric Company. All Rights Reserved.' and the version number 'Version: 17.2.910.0'.

License Server Configuration Tool

License Server IP Address: localhost License Server Port: 3333 License Server Name: Local_Server License Server ID: B808CF4104D2 Server Status: Connected | ? HELP

MANAGE

Add Licenses to Server

Follow the steps to add Activation Codes to the License Server

Current Connection Status

INTERNET CONNECTED

YOU

INTRANET CONNECTED

Enter the Activation Codes for your products.

Activation Codes can be found in the confirmation email that you received with your order.

- - - Total Requested ⓘ


To add multiple codes, press Add Code after each code entry.

Codes to Activate

When all codes have been entered, press Next

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Refer back to the email that you received from GE indicating that your order is ready. The **Activation Code** is highlighted to the right and will be an alphanumeric string of 16 characters (xxxx-xxxx-xxxx-xxxx).



Dear John Smith,

Thank you for purchasing GE software! Order No. XX11223344 has been processed and is ready for download and activation.

Ref: Purchase Order #: 0123456789

Order and Activation Information

Item	Software	Qty	Description	Serial Number	Legacy Serial Number	Contract Level	Contract End	Activation Code	Action
1	GE Software Name	1	Software Description	3-00000000-003-001		None	10/12/2017	ABCD-1234-EFGH-5678	New

Step 1: Download Software

[1. Click here to log into GE to download your software.](#)

Our records indicate this is the first time accessing our Portal so we have set up your new user account:

Account: COMPANY, INC

User Name: john.smith@company.com

Temporary Password: ExAmPlE

Note: You will be asked to change your password the first time you log in.

2. Select the product and version you wish to download and install.
3. Download and install Common Licensing (this is located on the same page as the product you've chosen to install).
4. Refer back to this email for the activation code(s) above to complete the software installation.

Step 2: Activate Software

[Click here for instructions on Activating your Software](#)

Support Information

GlobalCare customers, please [click here to download a copy of the GlobalCare Customer Support and Case Management Guide](#).

For additional help, please review the License documentation (Start->All Programs->Proficy Common->License Documentation).



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Enter each **Activation Code** and the **Total Requested**, then click on **Add Code**. When finished, click on **Next** to request from the GE Cloud that the licenses be added to this local server. Activation comes later.

The screenshot shows the 'License Server Configuration Tool' window. At the top, it displays connection details: License Server IP Address: localhost, License Server Port: 3333, License Server Name: Local_Server, License Server ID: (empty), and Server Status: Connected. The main heading is 'Add Licenses to Server'. Below this, it says 'Follow the steps to add Activation Codes to the License Server'. On the left, a diagram titled 'Current Connection Status' shows a user ('YOU') connected to both the 'INTERNET' and an 'INTRANET' (represented by a server icon). The main area is titled 'Enter the Activation Codes for your products.' and includes a note: 'Activation Codes can be found in the confirmation email that you received with your order.' There is a form with a text input field, a 'Total Requested' dropdown set to '1', and an 'ADD CODE' button. Below the form, it says 'Codes to Activate' followed by the example code '1234-1234-1234-1234::1'. At the bottom right, there is a 'NEXT' button. The footer contains the copyright notice '© 2016 General Electric Company. All Rights Reserved.' and the version number 'Version: 17.2.910.0'.

License Server Configuration Tool

License Server IP Address: localhost License Server Port: 3333 License Server Name: Local_Server License Server ID: Server Status: Connected | ? HELP

MANAGE

Add Licenses to Server

Follow the steps to add Activation Codes to the License Server

Current Connection Status

INTERNET CONNECTED

YOU

INTRANET CONNECTED

Enter the Activation Codes for your products.

Activation Codes can be found in the confirmation email that you received with your order.

- - - Total Requested: 1

ADD CODE To add multiple codes, press Add Code after each code entry.

Codes to Activate

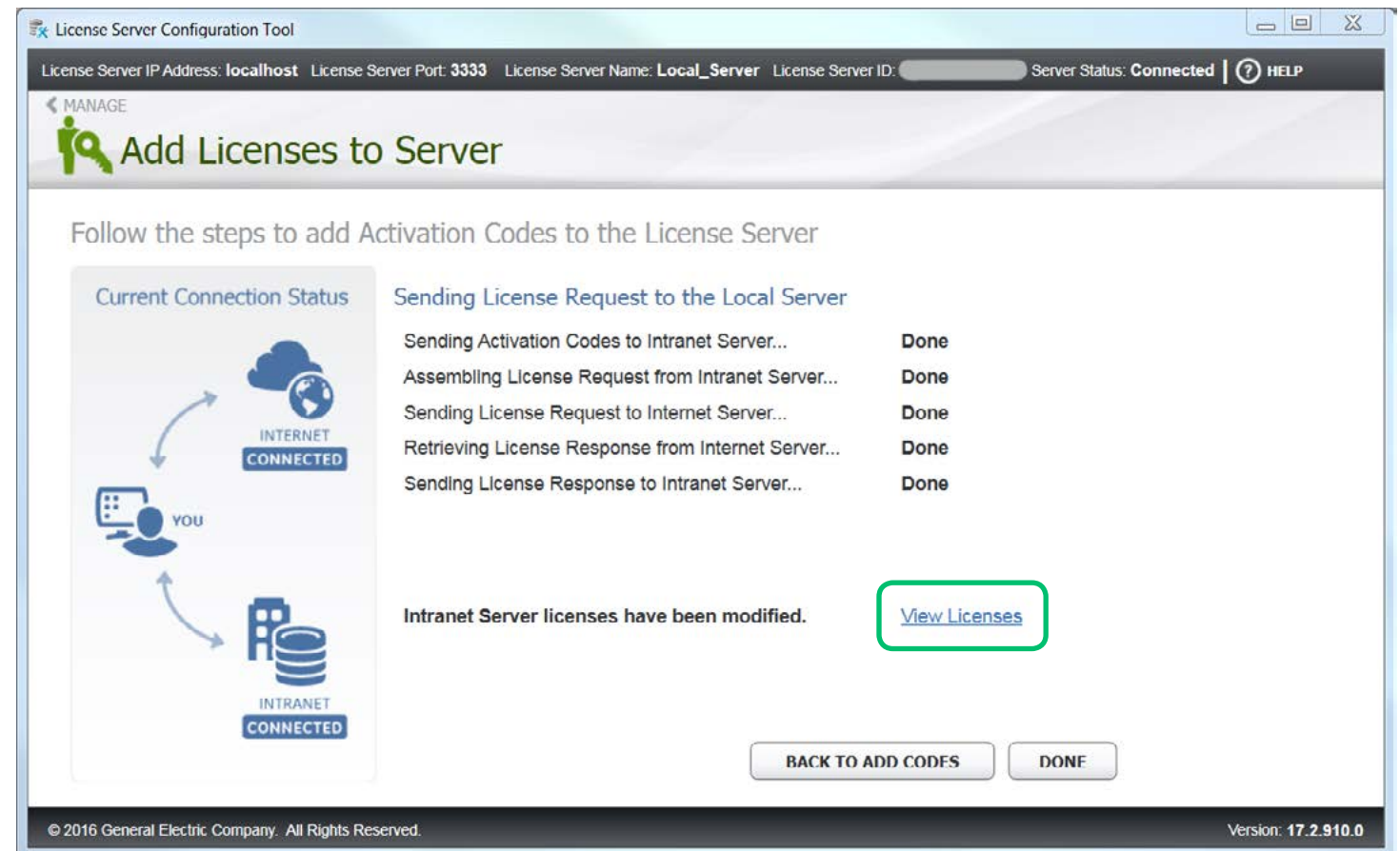
1234-1234-1234-1234::1

When all codes have been entered, press Next

NEXT

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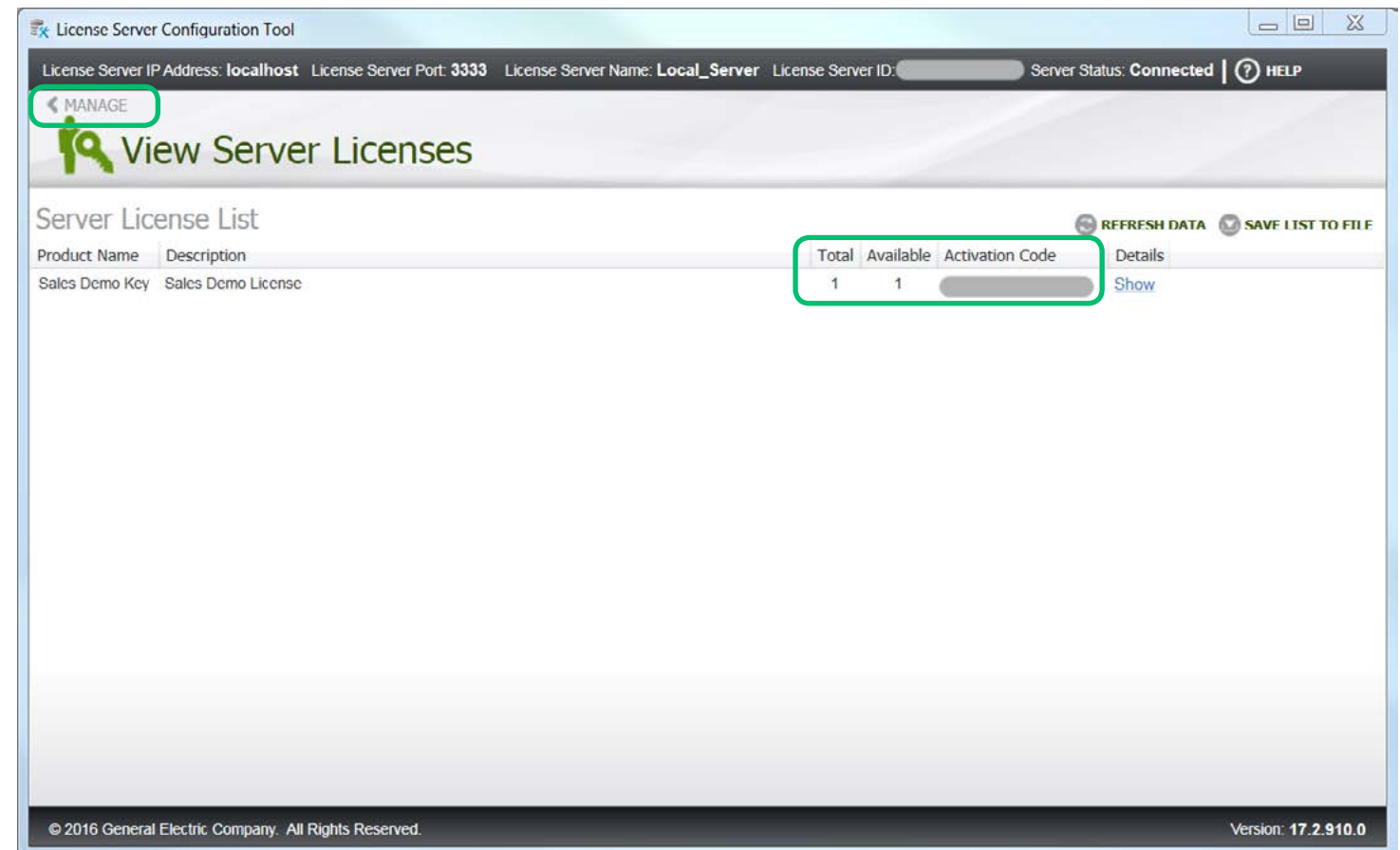
Click on the **View Licenses** link.



Your licenses and quantities are displayed.
Click on **Manage**.

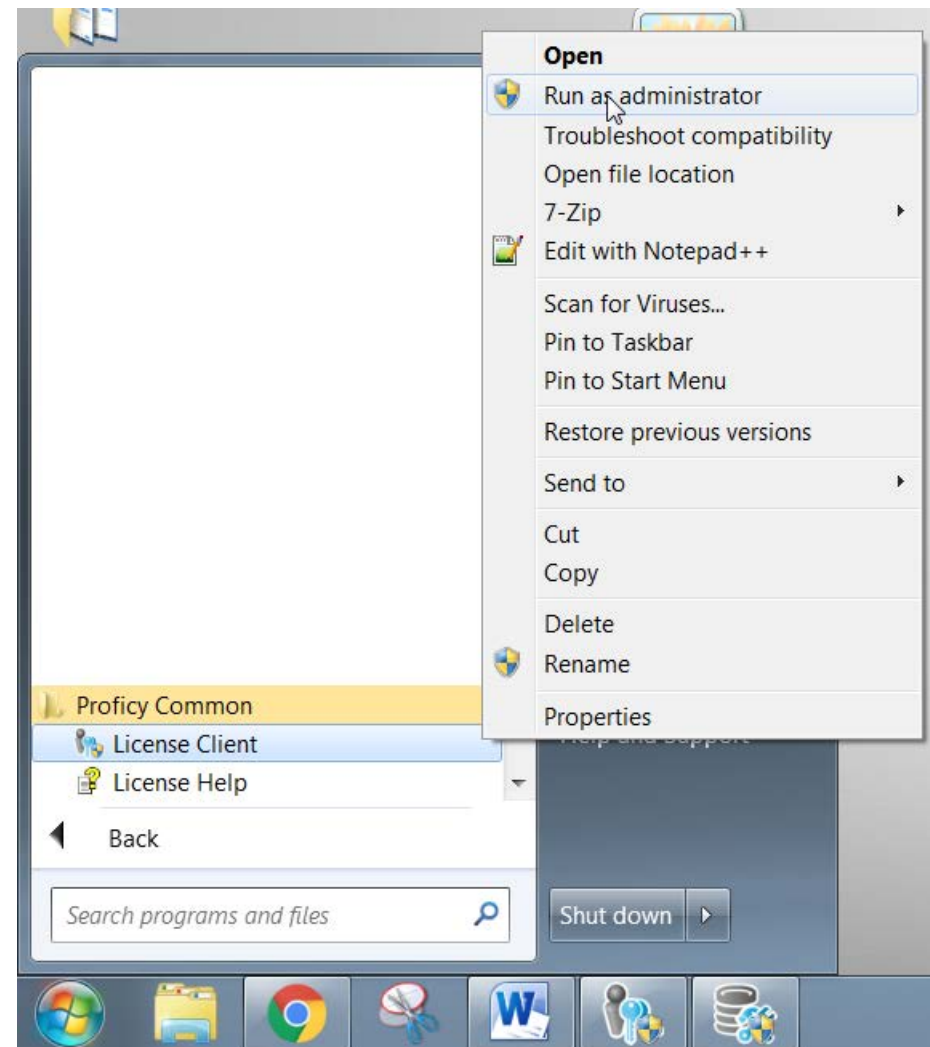
This concludes the example **License Server** installation and configuration. The next part of this example shows the **License Client** installation and configuration for activating licenses.

Note: When the License Client is installed, you will need to enter the URL or IP of the local server.

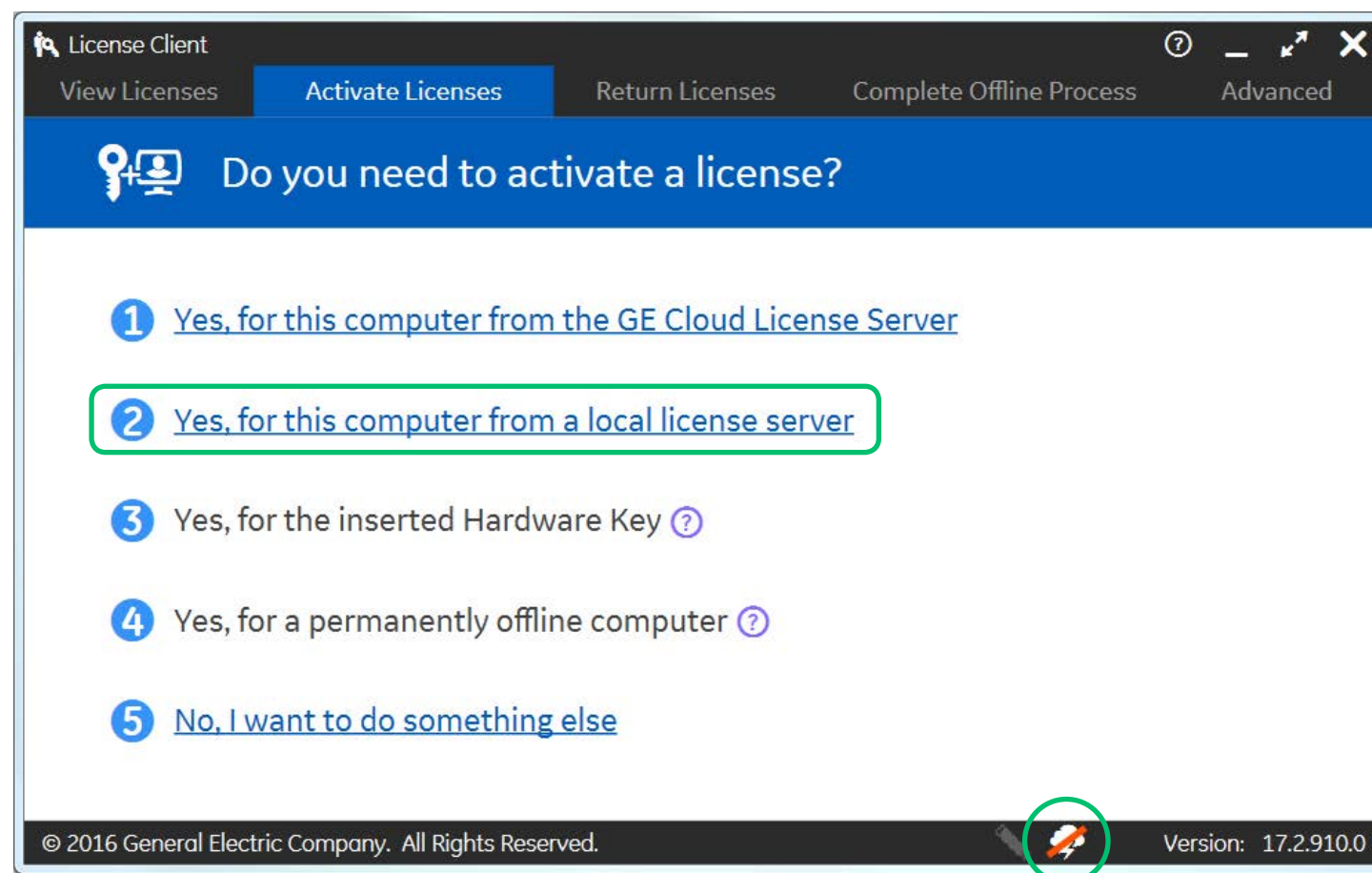


Activating a License from the License Client

From the PC that will be connecting to the Local License Server — use the splash screen to install the License Client. Start the client by going to **Start-> All Programs-> Proficy Common-> License Client** (right click and run as administrator). Acknowledge any User Access Control prompts.



Choose **Option 2**.



Enter the **Local Server connection URL or IP address** and click on **Display Available Licenses**.

Select the checkbox for the license to activate and click on **Activate**.

The screenshot shows the 'License Client' application window. The title bar includes a help icon, the text 'License Client', and standard window controls. The menu bar contains 'View Licenses', 'Activate Licenses' (highlighted), 'Return Licenses', 'Complete Offline Process', and 'Advanced'. Below the menu bar is a blue header with a database icon and the text 'Lease licenses from a local license server'. The main area contains two input fields: 'Local Server connection URL:' with the value 'http://localhost' and 'Local Server Port:' with the value '3333'. To the right of the port field is a blue button with a refresh icon and the text 'Display Available Licenses'. Below these fields is a table with three columns: 'Product Name', 'Description', and 'Activation Code'. The table has one row with the values 'Sales Demo Key', 'Sales Demo License', and an empty activation code field. At the bottom right of the main area are 'Back' and 'Activate' buttons. The footer bar contains the copyright notice '© 2016 General Electric Company. All Rights Reserved.', a GE logo, and the version number 'Version: 17.2.910.0'.

<input type="checkbox"/>	Product Name	Description	Activation Code
<input type="checkbox"/>	Sales Demo Key	Sales Demo License	

The View Licenses screen is displayed if the codes were leased successfully.

Note that the **License Type** is **Leased**.

This concludes the introduction to activating licenses online from a Local License Server.

