

AutomaTech™

The logo for AutomaTech features a stylized circular arrow icon. The arrow is composed of two overlapping curved segments: a yellow one on top and a blue one on the bottom, both pointing clockwise.

AutomaTech Solution Brief

Common Licensing – Offline Procedures

January 2017 – SB-RLS-002A



AutomaTech Solution Brief

Common Licensing – Offline Procedures

Solution Background and Overview:

- This solution brief covers the offline procedures for installing a GE common license on an offline machine.
- GE's Common Licensing supports offline activations for machines that are permanently offline. This solution brief explains how to perform an offline license activation, change, or removal.
- You can perform an offline activation for a client computer that is blocked off from the internet, or for a local license server on either your computer, or on a server on your companies local internal intranet, that is also blocked off from the outside world.
- In order for you to license anything offline you will need a second machine that is able to connect to the internet with the latest GE Common License Client installed, and a means for manual file transfer such as a USB flash drive.



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The specific topics covered in this Solution Brief are:

1. Offline Activation Process Overview
2. How to install new license on an offline Client computer
3. How to remove a new license on an offline Client computer
4. How to upgrade / refresh a license currently on an offline Client
5. How to install a new license on an offline Local License Server
6. How to remove a new license on an offline Local License Server
7. How to upgrade / refresh a license currently on an offline Local License Server



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1. Offline Activation Process Overview



How to activate, refresh, and return licenses offline

Activating, refreshing, or returning a license for an offline computer requires multiple steps. In addition to the offline computer, you need access to an online computer that can connect to the GE cloud license server.

- 1 On the offline computer generate a request file. This file contains the license activation codes and the computer information.
- 2 From an online computer, send the request file to the GE cloud license server. The file contents are verified and a corresponding response file is generated.
- 3 Promptly bring the generated response file back to the offline computer. The response file must be imported within 24 hours to complete the license request.

1



2



3



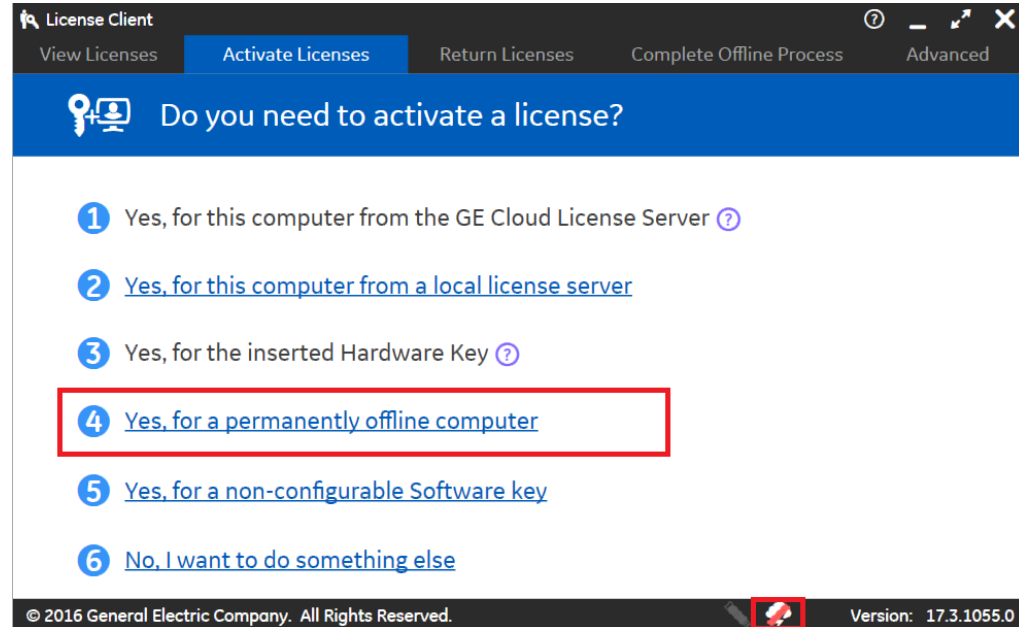
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2. How to install a new license on an offline

Client computer:

- Install and open the License Client (version 17.3.xxx)
- Click on the 'Activate License' tab in the upper left corner.
- Select #4 (Yes, for a permanently offline computer).



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2. How to install a new license on an offline Client computer (continued):

- Choose a file path to save the request file.
- Enter your activation code(s).
- Press 'Generate File' button to create the request file.
- Copy this request file onto a USB flash drive, and copy it over onto another machine which has internet access.

License Client

View Licenses **Activate Licenses** Return Licenses Complete Offline Process Advanced

Generate a Request File to activate licenses

[Please explain the offline license activation process to me](#)

Save request file to: C:\Users\RSore\Desktop\L5PY4E689740.request

Enter your activation code(s): [] - [] - [] - [] Add Code

Activation Codes:

Back Generate File

Offline Steps

- Generate a request file from an offline computer
- Generate a response file from an online computer
- Use the response file on the original offline computer to complete the activation, return, or refresh process

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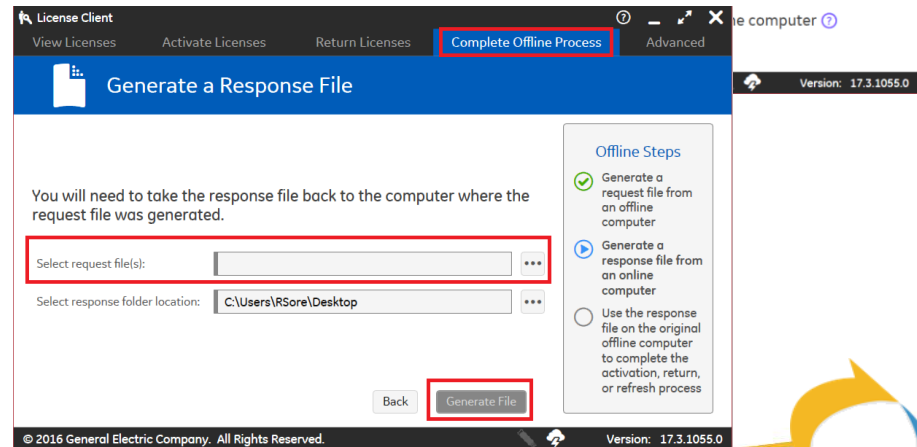
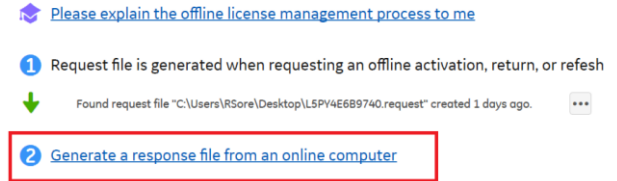
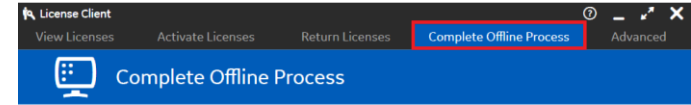


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2. How to install a new license on an offline Client computer (continued):

- On the machine with internet access, copy the request file from the USB flash drive onto the computer.
- Open the license client, and go to the tab 'Complete Offline Process' in the upper right corner.
- Select #2 'Generate a response file from an online computer'
- On the next page that opens, select the request file, select the location for the response file to be put in, and press the 'Generate File' button.

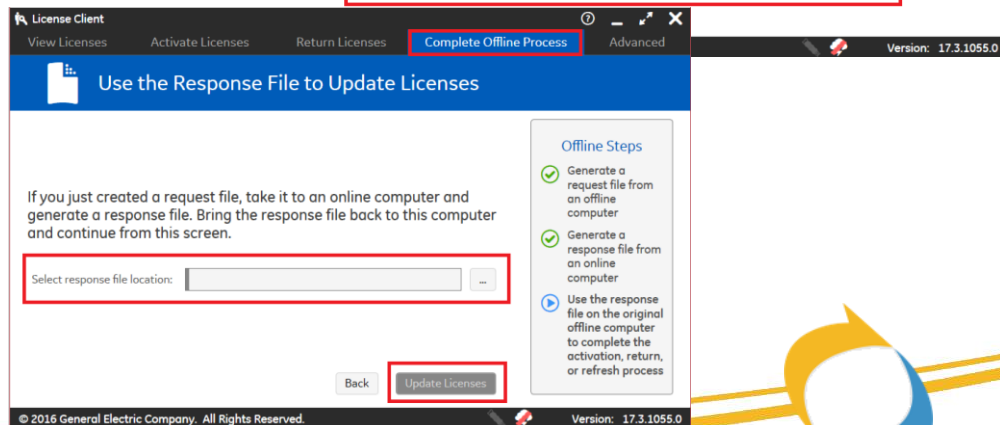
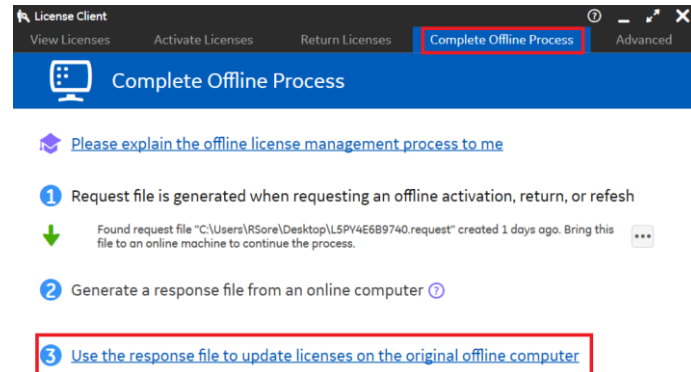


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2. How to install a new license on an offline Client computer (continued):

- Once the response file has been made, copy it over to the offline machine.
- Once you have the response file on the offline machine, open up the license client and go to the 'Complete Offline Process' tab in the upper right corner.
- Select option #3 'Update license on the original offline computer'
- From the next page that pops up, browse and select the response file, and press update license.
- This completes the offline license activation process, and you can check the 'View Licenses' tab to confirm that the license has been successfully installed.



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3. How to remove a license on an offline

Client computer:

- Open the license client (version 17.3.xxx).
- Click on the 'Return License' tab at the top of the window.
- Select a path to save the request file.
- Select the license(s) you wish to remove.
- Copy the request file over onto a USB flash drive.

The screenshot displays the 'Return Licenses' tab in the AutomaTech software. The main window title is 'Generate a Request File to return licenses'. Below the title bar, there is a link: 'Please explain the offline license return process to me'. A text box labeled 'Save request file to:' contains the path 'C:\Users\RSore\Desktop\L5PY4E6B9740.request'. Below this, a message states: 'Returning licenses will invalidate the selected licenses currently active on your system. Returned activation codes can be re-activated on this or other computers.' A table of licenses is visible, with the following data:

<input type="checkbox"/>	Product No	Part Num	Activation Code	Description	In Use?
<input type="checkbox"/>	Sales Demo Key	SALESDM	OLICENSE	Sales Demo License	Yes

On the right side, there are 'Offline Steps' with three radio button options: 'Generate a request file from an offline computer' (selected), 'Generate a response file from an online computer', and 'Use the response file on the original offline computer to complete the activation, return, or refresh process'. A 'Generate File' button is located at the bottom right of the main window. The version number 'Version: 17.3.1055.0' is displayed at the bottom right.

The foreground shows a 'Save request file to:' dialog box with the following details:

- File name: L5PY4E6B9740.request
- Save as type: Request files (*.request)

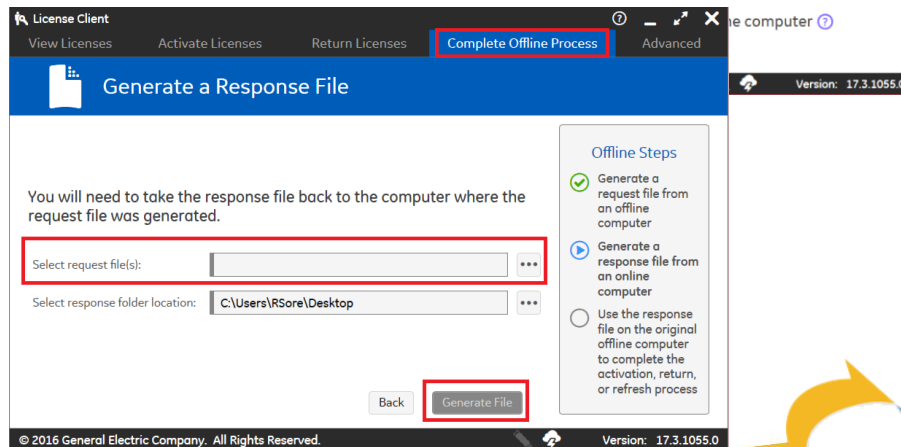
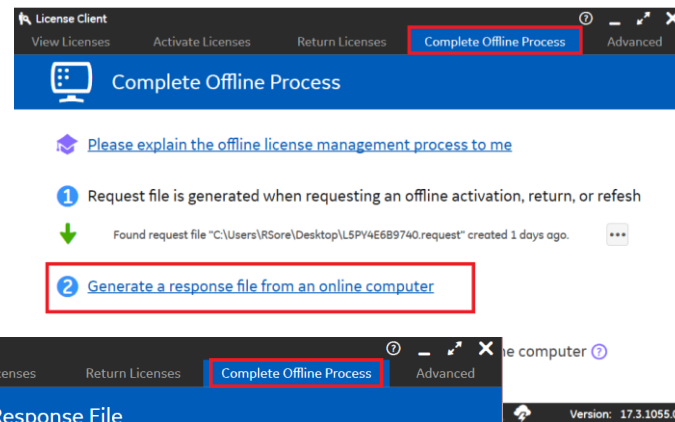


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3. How to remove a license on an offline Client computer (continued):

- Copy the request file over to the machine with internet access.
- Open the license client, and select the “Complete Offline Process’ tab.
- Select option #2 ‘Generate a response file from an online computer’
- Select the request file, specify where you would like to save the response file, and then click ‘Generate File” button.
- Save the response file to the USB flash drive, and bring it back to the offline machine.

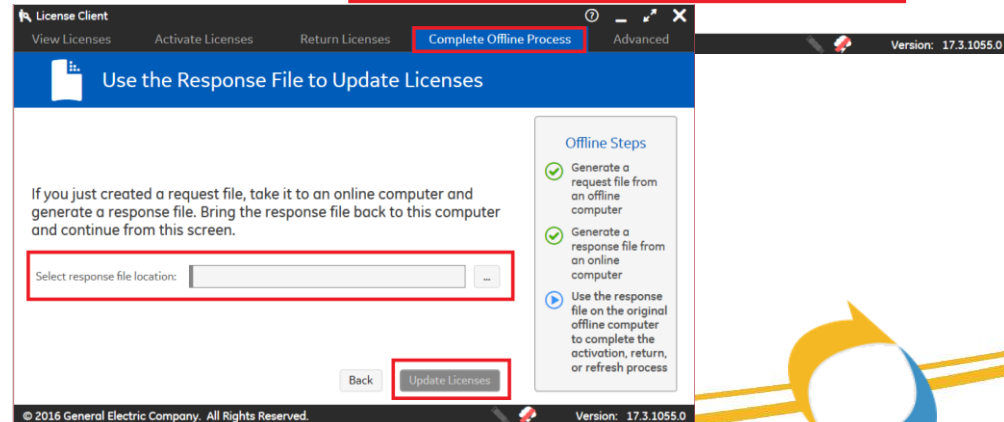
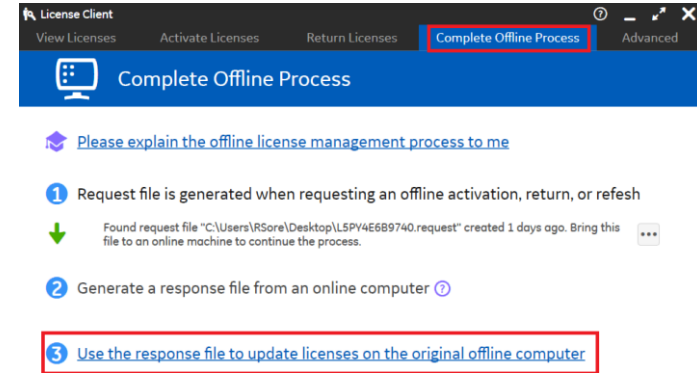


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3. How to remove a license on an offline Client computer (continued):

- Copy the response file onto the offline machine.
- Open the license client, and go to the 'Complete Offline Process' tab.
- Select option #3 'update licenses on original offline computer'
- Select the response file, and click the 'Update License' button.
- Your license has now been removed from the offline system.
- You can verify this by checking the 'View Licenses' tab in the upper left corner.



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4. How to upgrade / refresh a license currently on an offline Client:

- If you have upgraded a license with new features, you must go through the process of removing the old license, and re-activating the license on the client before the new features will be available for use. To do this, you will need to use the same process mentioned previously using a request and response file.



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5. How to install a new license on an offline

Local License Server:

- The first step is to install and then open the 'License Server Configuration Tool' application.
- Next, select 'Add Licenses to Server' on the right side in blue.
- The next page that opens prompts you to enter your activation code(s).
- Once you have entered all of your activation codes, click the 'next' button on the bottom of the page.

The screenshot displays the 'License Server Configuration Tool' interface. The top window shows the 'Manage a License Server' page with a 'Manage Licenses' section where 'ADD LICENSES TO SERVER' is highlighted. The bottom window shows the 'Add Licenses to Server' page with a form to 'Enter the Activation Codes for your products.' and a 'NEXT' button.

License Server Configuration Tool

License Server IP Address: localhost License Server Port: 3333 License Server Name: Local_Server License Server ID: EBB1FCEAD49A Server Status: Connected

Manage a License Server

Select an Action

- View Licenses and Computers
 - VIEW SERVER LICENSE LIST
View the list of product licenses available on the server.
 - VIEW CLIENT COMPUTER LIST
View the list of computers that are using licenses allocated by this server.
 - RECOVER A CLIENT LICENSE
- Manage Licenses
 - ADD LICENSES TO SERVER
Add licenses to the pool that is controlled by the license server.
 - REMOVE LICENSES FROM SERVER
Return licenses so that they may be allocated to another server or device.
 - REFRESH SERVER

License Server Configuration Tool

Add Licenses to Server

Follow the steps to add Activation Codes to the License Server

Current Connection Status: INTERNET DISCONNECTED, INTRANET CONNECTED

Enter the Activation Codes for your products.

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

Activation Code: [] - [] - [] - [] Total Requested: 1

ADD CODE

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

Codes to Activate

When all codes have been entered, press Next

NEXT

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5. How to install a new license on an offline Local License Server (continued):

- Once you have hit 'next' a new page will pop up and prompt you to browse for a location to save the request file.
- Save the request file to a USB flash drive, and copy the file over onto a machine with internet access in order to get a response file generated from GE that you can bring back.

License Server IP Address: localhost License Server Port: 3333 License Server Name: Local_Server License Server ID: E8B1FCEAD49A Server Status: Connected HELP

MANAGE

Add Licenses to Server

Follow the steps to add Activation Codes to the License Server

Current Connection Status

INTERNET DISCONNECTED

YOU

INTRANET CONNECTED

Sending License Request to the Local Server

Sending Activation Codes to Intranet Server...	Done
Assembling License Request from Intranet Server...	Done
Saving License Request File...	Working

Save License Request Files

This PC > Documents

Name	Date modified	Type	Size
Application files	11/15/2016 8:32 A...	File folder	
AutomaTech	11/17/2016 4:09 PM	File folder	
cache	11/18/2016 2:01 PM	File folder	

File name: IntranetServerLicenseRequest.request

Save as type: License Request files (*.request)

Save Cancel

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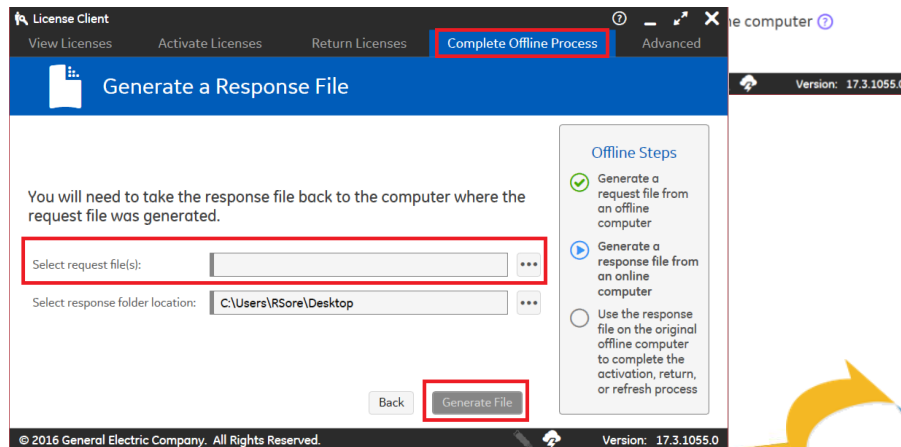
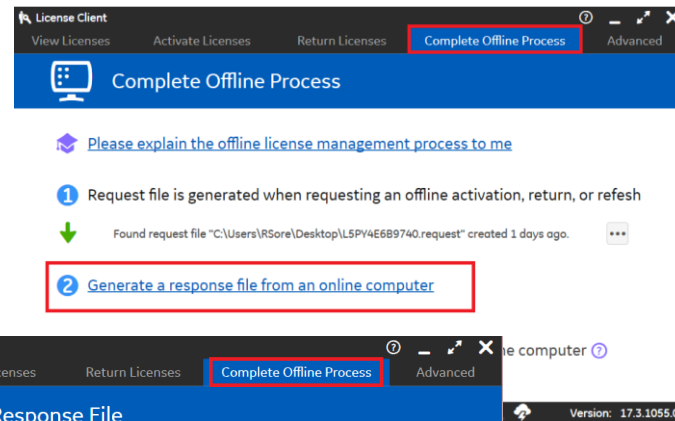


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5. How to install a new license on an offline Local License Server (continued):

- From the machine with internet access, copy the request file from the USB flash drive onto the computer.
- Open the license client, and go to the tab 'Complete Offline Process' in the upper right corner.
- Select #2 'Generate a response file from an online computer'
- On the next page that opens, select the request file, select the location for the response file to be put in, and press the 'Generate File' button.



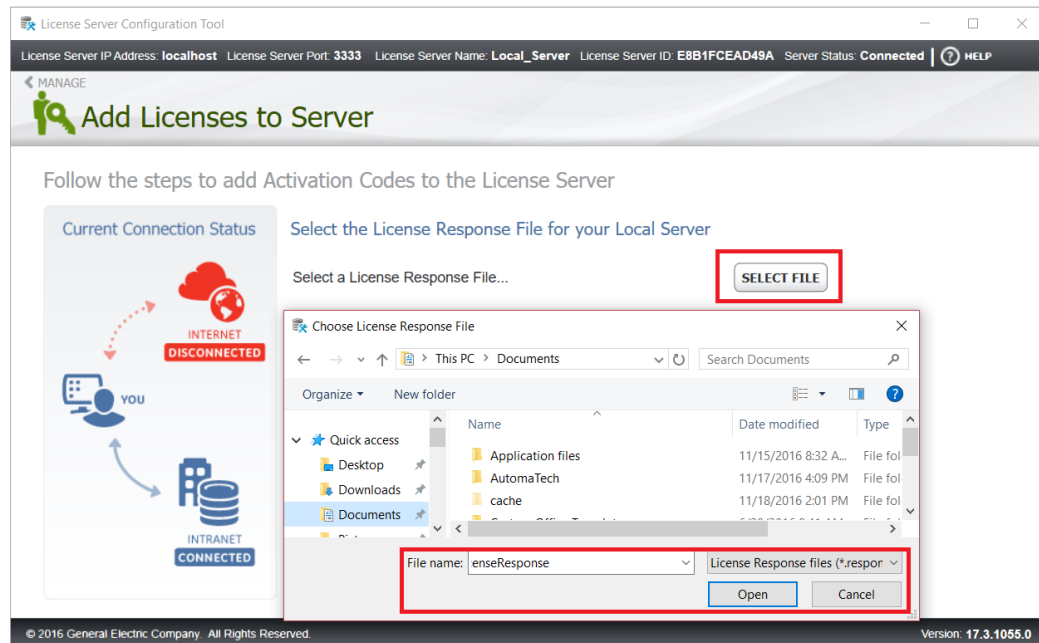
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5. How to install a new license on an offline Local License Server (continued):

- Once the response file has been made, copy it over to the offline Local license server.
- Once the response file is on Local license server, open up the “License server configuration tool” and it will prompt you to browse for the response file. Select the proper file, and hit open.
- This completes the offline license activation process, and you can check the ‘View Licenses’ tab to confirm that the license has been successfully activated on the server.

Note: You are still required to pull the license onto a machine using the ‘license client’ on that machine; and a license client & server can both be on the same machine if necessary (using a stand alone system on a virtual machine for example).



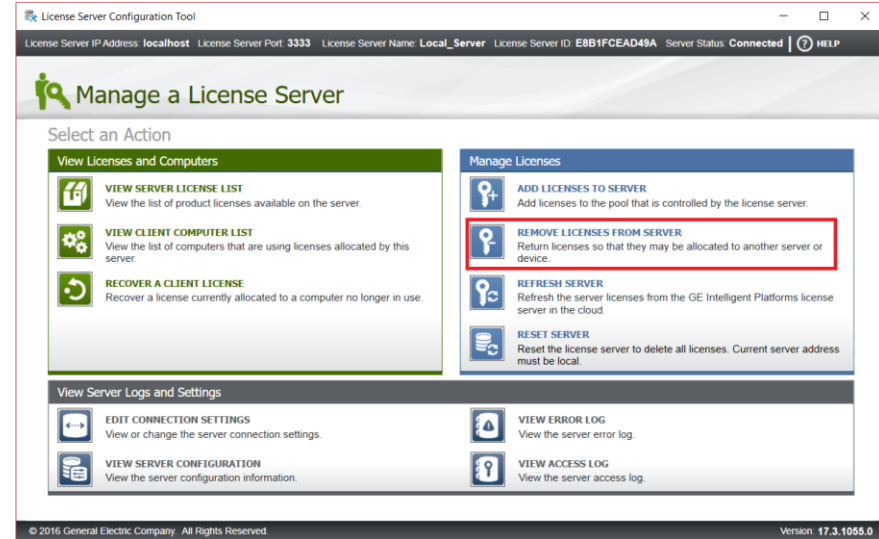
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6. How remove a license on an offline

Local License Server:

- The first step is to open up the ‘License server configuration tool’ application.
- Once the config tool is open, go to the “Remove licenses from server” tab by clicking the blue key icon with the minus sign.



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6. How remove a license on an offline Local License Server (continued):

- You will then be prompted to select which license(s) to remove, and how many to remove, if it is a multiple activation key.
- Select the desired licenses to remove, and select 'next.'
- This will generate a request file for you to bring back to your machine that has internet access.

The image displays three overlapping screenshots of the 'License Server Configuration Tool' software interface, illustrating the steps to remove licenses from a server in an offline environment.

Top Screenshot: Shows the 'Remove Licenses from Server' screen. The 'Current Connection Status' is 'DISCONNECTED'. A table lists licenses for removal:

Product Name	Description	Activation Code	Total	Avail.	Remove
Sales Demo Key	Sales Demo License		1	1	<input type="checkbox"/>

The 'Remove' checkbox for the 'Sales Demo License' is highlighted with a red box.

Middle Screenshot: Shows the 'Remove Licenses from Server' screen with the 'Current Connection Status' as 'DISCONNECTED'. The progress of license removal is shown:

- Sending License Request to the Local Server: Done
- Sending Activation Codes to Intranet Server...: Done
- Assembling License Request from Intranet Server...: Done
- Saving License Request File...: Working

Bottom Screenshot: Shows a 'Save License Request Files' dialog box. The file name is 'IntranetServerLicenseRequest.request' and the save as type is 'License Request files (*.request)'. The 'Save' button is highlighted.

Right Screenshot: Shows the 'Remove Licenses from Server' screen with the 'Current Connection Status' as 'DISCONNECTED'. The 'NEXT' button is highlighted with a red box.

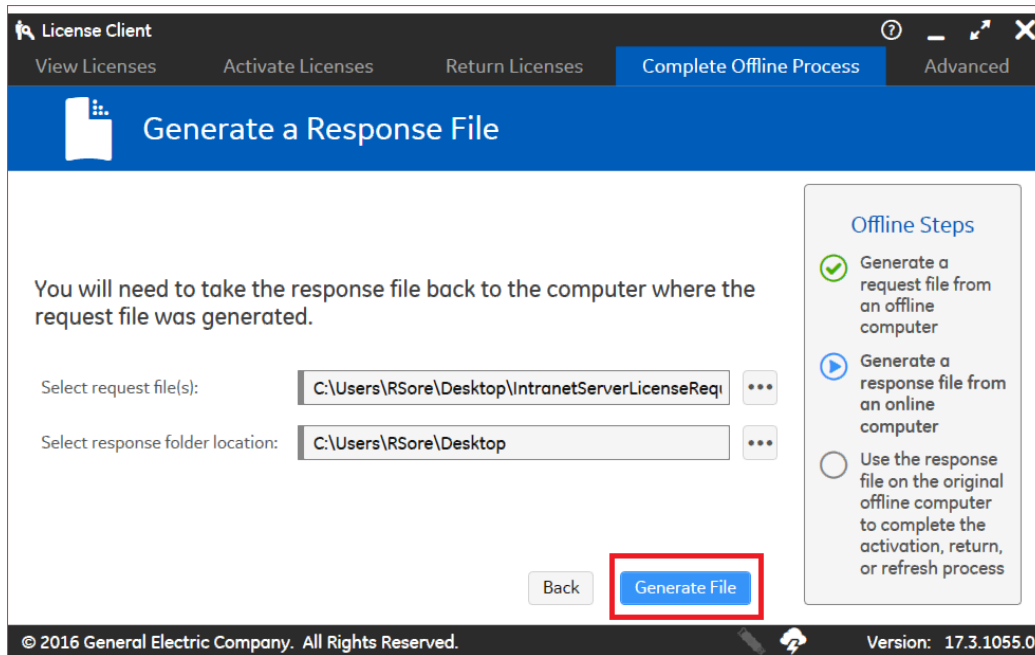


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6. How remove a license on an offline Local License Server (continued):

- Once the request file has been copied over to the internet connected machine, install the license client if it has not already been installed, and go to the 'Complete Offline Process' tab.
- A field to browse for your request file will appear.
- Select the request file from the local license server, and hit 'Generate File' to create the response file.
- Put the response file on a USB flash drive, and bring it back over to the local license server.

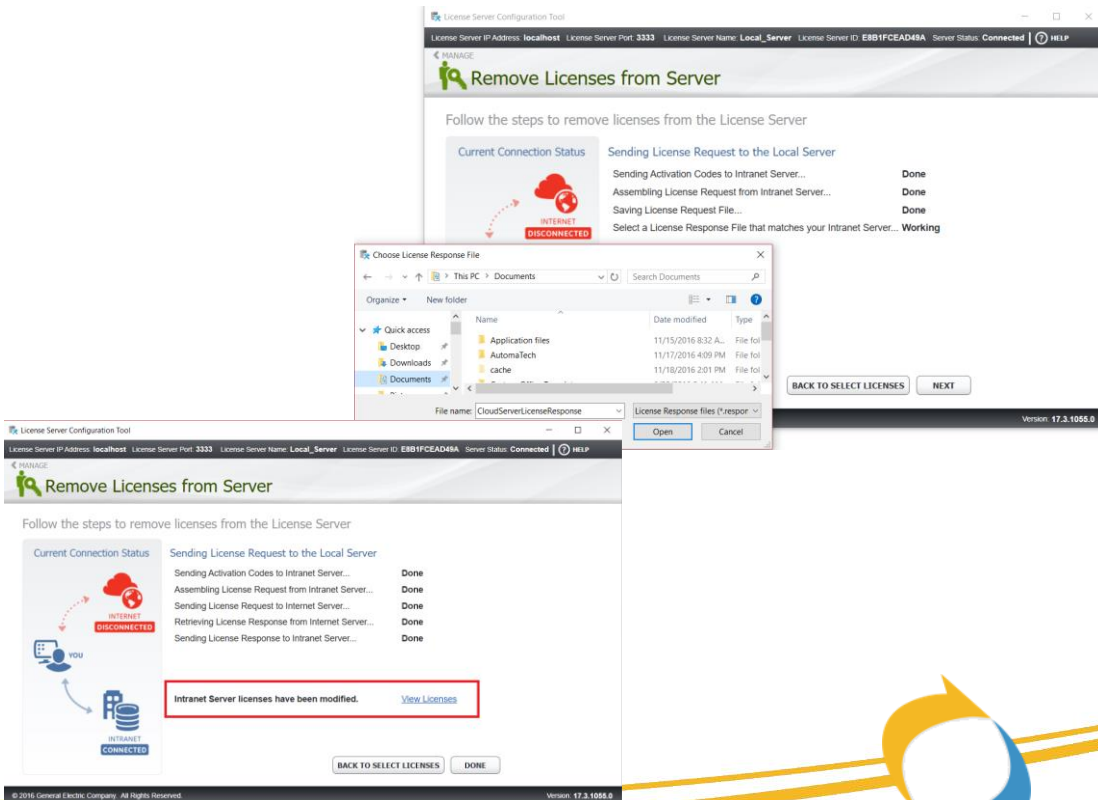


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6. How remove a license on an offline Local License Server (continued):

- Once you have the response file copied onto the local license server machine, open up the “license server configuration tool” application.
- It will prompt you immediately for the response file – once you have selected the response file, hit next, and the process of removing the license(s) will be finished.
- You can go to the view licenses tab to check to make sure your license(s) have been removed successfully.



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7. How to upgrade / refresh a license currently on an offline Local License Server:

- Open the 'license server configuration tool' application.
- Click 'Refresh server' in blue on the right hand side.
- Hit refresh to refresh your licenses on the server.

Please Note: This only works if you have an open internet connection on the local license server machine. If you do not have internet access from the local license server, you can manually remove and then re – activate the license by performing a manual offline license removal and then re-installation; to refresh the license on the server.

- **Please be aware:** Refreshing a license on a local license server does not refresh the license on any of its client(s) automatically.
- To refresh licenses on client machines you will need to return any license(s) from any clients you need to update to the local license server, and then pull the license(s) back to the client to complete the update. This process is handled on your local intranet, so no outside internet is required to finish the process of refreshing licenses of clients connected to a local license server.



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Supporting Materials:

- For the latest GE Common Licensing documentation and software, please visit our box site @: <https://automatech.box.com/v/GElicensing>
- For more information regarding licensing, you can visit the GE knowledgebase here: https://ge-ip.force.com/communities/CC_Knowledge?q=common%20licensing
- For questions contact AutomaTech Technical Support @ 508-830-0088 x3 or Support@Automatech.com



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