Reprise Network Licensing

The current version of GibbsCAM uses Reprise License Manager (RLM), unlike GibbsCAM versions 2023, 2022, 14, and 13, which used Cimatron License Manager (CimLM). **This change affects all customers using GibbsCAM NLO.**

What Remains the Same

As before, GibbsCAM Network Licensing (NLO) establishes a network license server that maintains a software key for each GibbsCAM product option purchased from CAMBRIO. These software keys (or "licenses") are distributed to nodes across a network to enable the workstations (nodes with installed CAMBRIO application software) to run the purchased module options. NLO is an alternative to hardware keys: When a client runs the GibbsCAM application software, a software key is "checked out" from the license server. There is no limit to the number of GibbsCAM seats installed on the network, only a limit to the number that can be used concurrently with each license server. Each client's license file can be created and installed through the Internet or, if the workstation lacks Internet access, by electronic or physical mail.

If You Use Cimatron Products

If you use Cimatron products as well as GibbsCAM products, you can continue to use the Cimatron license-server machine to serve Cimatron licenses. For GibbsCAM products, either you can install the RLM software on this machine (the two can coexist without conflicting), or you can install the RLM software on a different license-server machine.
Note (unrelated to NLO): Cimatron hardware keys cannot serve GibbsCAM licenses. If you use both hardware keys for both Cimatron and GibbsCAM products, you must use separate sets of hardware keys. This is a very rare case; most customers who use NLO do not use hardware keys.

What Changed



The first time you install this release of GibbsCAM NLO, you will use an initial one-time administrator password. ***You must change this password within ten minutes*** ***or else the service will terminate.***
To upgrade an existing NLO Server, stop the service, install the new GibbsCAM NLO Server, then start the service again. Follow the on-screen instructions.

Operating Systems Supporting RLM

The GibbsCAM NLO Server is supported on Windows 10, Windows 11, Windows Server 2016, and newer versions.
Our support for operating systems aligns with Microsoft's support lifecycle. When Microsoft ends Security Support for an operating system, our support for that system also concludes. We recommend upgrading to ensure continued compatibility and support.

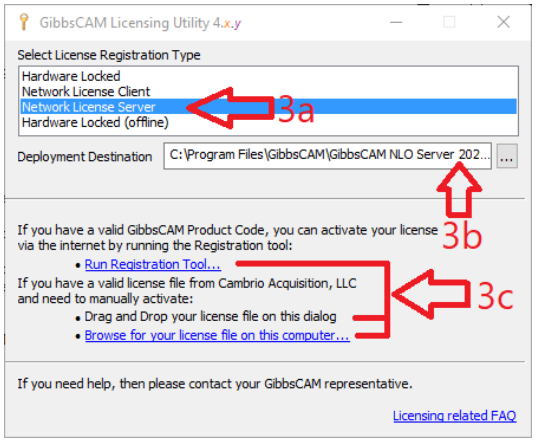
Overview of Network License Installation

Installation of the Network License Option (NLO) is a two-phase process: In Phase 1, you set up the Reprise License server. In Phase 2, you install and register the client software on each node. For condensed steps, see below; for details, see "NLO Step 1 - Setting Up The Server " on page 3.

Condensed Steps: To Set Up the License Server

1. With Administrator privileges, on the machine that will be serving GibbsCAM licenses, run the installer setup file:
   `Reprise_NLO_Server_v24.<x>.<y>.<z>`
   to install the License Server software, Registration Tool, and support files.
   This installer setup file can be downloaded from Gibbs Online (online.gibbscam.com) and elsewhere.
2. On the server machine, open this URL
   `https://localhost:5054/#/login`
   using the following initial one-time credentials:
   username .... `admin`
   password .... `admin`
   Important: ***You must change this password within ten minutes*** *or else the service will* ***terminate.***
3. From the folder where you installed the License Server software (default `C:\Program Files\GibbsCAM\GibbsCAM NLO Server 2024\`), run `RegistrationTool.exe`
4. When the **Licensing Utility** window appears:
   a. For License Registration Type, choose **Network License Server** (the *third* choice).
   b. For Deployment Destination, enter or browse to a writable folder.
   c. Either:
      - Browse for an existing `*.lic` license file on your computer.

      Or, if you do not yet have a `*.lic` file:
      - Click the Run Registration Tool link and then, in the Server License Registration Tool window, enter (or copy-and-paste) your 20-character product license code.



For details, see "NLO Step 1 - Setting Up The Server " on page 3.

Condensed Steps: To Install The Client Software

1. Install the GibbsCAM application software on the client machine.

2. Ensure that the License Server is running on the license server machine and that the client can connect to it, and then register GibbsCAM on the client machine.

For details, see "NLO Step 2 - Install the Client Software On Each Node" on page 4.

NLO Step 1 - Setting Up The Server



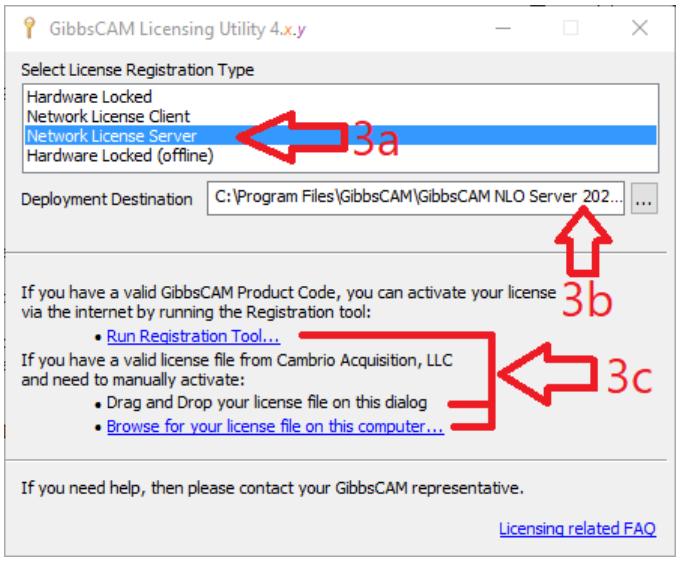
The first time you install this release of GibbsCAM NLO, you will use an initial one-time administrator password. ***You must change this password within ten minutes or else the service will terminate.***
To upgrade an existing NLO Server, stop the service, install the new GibbsCAM NLO Server, then start the service again. Follow the on-screen instructions.

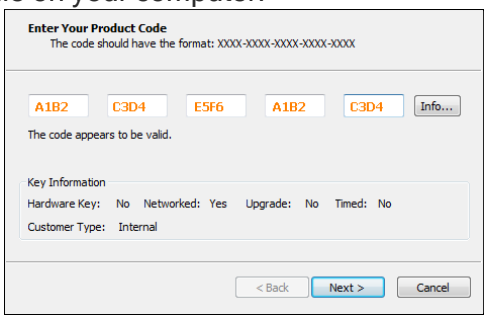
Before you begin: On the machine where you will install the License Server, you must have administrator privileges. The installer setup file
`Reprise_NLO_Server_v24.<x>.<y>.<z>`
must be available. This file can be downloaded from https://online.gibbscam.com (under **Software Downloads**, click the Tools link), or it can be loaded from the product media in folder `\Content\NLO Registration\`.
Before installing or modifying NLO Server, ensure that the firewall service is started (Services (Local) > Windows Firewall, Status = Started). Then, run the NLO installer. After the installation/modification is complete, you can stop your firewall service if necessary.

1. With Administrator privileges, on the machine that will be serving GibbsCAM licenses, run the executable to install the License Server software.
   `Reprise NLO Server v24.<x>.<y>.<z>`
   The steps are as follows:
   (a) UAC: Yes
   (b) Select the language you prefer
   (c) For **Welcome**: Click Next
   (d) Accept the License Agreement and click Next
   (e) For **Destination Folder**: Browse to or accept a folder and click Next
   (f) Click Install.
2. In a browser window on the server machine, open this URL
   `https://localhost:5054/#/login`
   using the following initial one-time credentials:
   username .... `admin`
   password .... `admin`
   Important: ***You must change this password within ten minutes or else the service will terminate.***
   Note: After you install the server software, the service (GibbsRLMServer) might be set to Manual startup. It is a good idea to set the service so that its **Startup Type** is Automatic instead of Manual.
3. From the folder where you installed the License Server software (by default, this is `"C:\Program Files\GibbsCAM\GibbsCAM NLO Server 2024\`), run `RegistrationTool.exe`.
   Note: If, when you launch Registration Tool, you receive an error message saying that `vcruntime140_1.dll` is missing, do the following:

   - Download and install the Microsoft Visual C++ Redistributable Package:
     `https://aka.ms/vs/17/release/vc_redist.x64.exe`
   - Ensure that all updates and patches to Microsoft Windows have been installed and applied.

4. When the **Licensing Utility** window appears :
   a. For License Registration Type, choose **Network License Server** (the *third* choice).
   b. For Deployment Destination, enter or browse to a writable folder.
   c. Do one of the following:
      - If you already have a `*.lic` license file on your computer, use the Browse link to find and select it. The current version of GibbsCAM uses Reprise License Manager (RLM), unlike GibbsCAM versions 2023, 2022, 14, and 13, which used Cimatron License Manager (CimLM). If you try to use a CimLM `*.cml` file instead of an RLM `*.lic` file, it will not work.
      - Or, if you do not already have a `*.lic` license file on your computer: Click the Run Registration Tool link and then, in the Server License Registration Tool window, enter (or copy-and-paste) your 20-character product license code.
        When the activation is complete, a license file, `license-<customer_id>-<server_number>.lic`, is created in your deployment directory.





NLO Step 2 - Install the Client Software On Each Node

Before you begin: Make sure the license server machine is running the RLM License Server software and that the client machine (workstation) has a network connection to it.

Note: If a client machine cannot connect to the server after registration, ensure that ports 2764 and 2765 are not blocked and, if necessary, adjust the HOST name in the licensefile: To adjust the HOST name in the licensefile, use Notepad to open the client's *.lic file and make sure the HOST name is correct, using one of the following examples.
Example 1: If the license file references the server by hostname (such as "*myServer*"):

```
#LSHOST=myServer
HOST myServer
```

Example 2: If the license file references the server by IP address (such as "*10.101.102.103*"):

```
#LSHOST=10.101.102.103
HOST 10.101.102.103
```

Steps

1. On the client machine (workstation), install the GibbsCAM software, using the same product code that was used for installing the server.

2. Register GibbsCAM for this client workstation.
   You can do this manually at any time by running the Registration Tool. Or, if you launch GibbsCAM, it will display the License Installation dialog to prompt you for the product code. Use the same product code that was used for the server. On NLO client machines, you are not prompted for contact information.

3. After you enter the product code, click Activate Product to complete the license deployment. The license data will be retrieved from the Gibbs Activation Service and placed in the appropriate Activation Data folder.

4. Repeat the previous steps (installing the GibbsCAM software and registering the product code) for each GibbsCAM client of the RLM license server machine.