

Agilent EEsof EDA Licensing

Agilent EEsof EDA products require a license server in order to operate. For Windows systems, the Agilent EEsof EDA License Software is automatically installed with the product. The license wizard is launched automatically at the end of product installation. It configures and setup the license server on your local machine. Linux and Solaris is not an automatic installation and require manual installation.

Agilent EEsof EDA Licensing Software allows a user to install the license server components separately and independently from any product installation. For details on how to install, refer to [Install Instructions](#) (per Operating System). For example, if your Agilent EEsof EDA product is installed on a Windows machine, but your license server is on a Linux machine, you only have to download and install the Linux version of the Agilent EEsof EDA Licensing Software, not the complete product installation for Linux.

To order new licenses for the Agilent EEsof Software, select your product and request your license at: <http://edocs.soco.agilent.com/display/support/Licensing> .

What's New

Starting June 2013, all Agilent EEsof Product Releases will require: a) **version 2013.05** of the EEsof EDA licensing software and b) version **3.1** codewords to run. The product will not start if any of these requirements is not met. Refer to the License Codeword Version Compatibility Table in your product documentation.

In the EEsof EDA License Tools version **2013.05**, licensing vendor daemon *agileesofd* is upgraded to sync up with FlexNet FNP **11.9.1** version of FLEX license manager *lmgrd*. Product installer for the Windows platform will automatically set up these two new license server daemons by default for the local node-locked license users; for Linux, you need to follow the Linux/Solaris Licensing Setup under Setting Up Licenses on Linux and Solaris instruction to complete the licensing configuration process. For more details, refer to [Licensing \(For Administrators\)](#) in your product documentation.

- A real-time and systematic license setup troubleshooting utility, **Diagnose**, is added to the **License Manager** tool. This utility produces a detailed health report of a user's currently configured licensing environment.
- A **My Support ID** utility is added to the **License manager** tool to allow a user to retrieve his/her Support ID required to contact Agilent EEsof Tech Support.

Other Enhancements/Improvements

- For simplified and robust licensing, PJC (Per Job Control) licenses are no longer checked out by a product.
- The **License Setup Wizard** no longer requires Administrator privilege on Windows to setup license files. Administrator privilege is only required to setup the windows service that will automatically start the license server upon system restart rather than on EEsof application startup.

Issues Addressed

- On windows, a possible Administrator privilege issue preventing the automatic restarting of the FlexFNP license server program, *lmgrd* after the PC comes out of the hibernation mode has been fixed. The License Setup Wizard will automatically restart the server without any user intervention.

Licensing Known Issues

- If have installed license version 3.1 to run EMPro 2013.07, but are also using ADS 2011.10 with FEM, you need to install ADS 2011.10 hotfix 372.606 to use ADS-FEM with version 3.1 licenses.
- The product requires EEs of Licensing Tools version 2013.05 or later. It will not work with older EEs of Licensing Tools versions like 2013.01 or earlier.
- There is a known Flexera FNP issue, whereby mixing node-locked codewords and floating codewords in one license file can result in: a) Remote simulations not working or b) A second local simulation not working in case the license is node-locked and also has incorrect version.
Workaround: It is strongly recommended that you do not mix node-locked codewords and floating codewords in one license file nor in any configuration that ends up with node-locked codewords and floating codewords both available on the same server. In other words, put the node-locked license and the floating license on different servers, and point to the respective one based on what you need to run.

Additionally, we also recommend you to remove expired codewords, to separate out the new and the old versions of codewords into different files and different servers, and to point to the respective one based on what you need to run.

- On the Linux platform, <PRODUCT>_LICENSE_FILE needs to be correctly specified before starting. Without that being set correctly, the product would not start.
- Not specifying the TCP/IP port for the license server during license setup may lead to unexpected behavior and/or license checkout failure on the Windows platform. We strongly recommend you to always explicitly specify the TCP/IP port associated with each license server.
- A node-locked bundle operating on Linux cannot be shared between current and previous product releases when run at the same time.
- The "Check-in failed" message occurs in the license activity log occasionally can be ignored; the license mentioned in this message is properly returned.
- License Setup Wizard does not remove any previous user-configured FLEX Windows License Service installed using FlexNet's lmtools.

Workaround: You must remove the previous user-configured Windows License Service via lmtools.

- Run the lmtools.exe from C:\Program Files\Agilent\EEs of License Tools\bin to invoke the lmtools utility. The lmtools utility window is displayed.
- In the **Service/License File** tab, check the **Configuration using Services** option. All user-configured FLEX Windows License Services will be listed.
- Select the service you wish to remove.
- Select the **Config Services** tab and click the **Remove Service** button to remove the service.

To ensure that the license service or *lmgrd* is running, click **View Log**. A log window

appears that confirms whether *agileesofd* and *lmgrd* are up and running.

- While running multiple versions of prior releases together, set `<PRODUCTNAME>_MAXIMUM_BUNDLE_USAGE=ON` in your environment so that all of them will use the same method to check out licenses. Otherwise, you might receive an error message, "Licensed number of users already reached".
- On some Windows 7 machines, when more than one definition of an Ethernet adapter exists (duplicates), license checkouts may appear to hang up.
Workaround: Disable the duplicate network card definitions in your network settings: **Control Panel > Network and Internet > Network Connections**. This issue has been acknowledged by Flexera and they have created a bug report (SIOC-000103097).
- If a license server is configured with two license versions, that is, version 2.8 and 2.9 node-locked license files, the license server may crash.
Workaround: You should combine the two license files into one file, instead of using them separately.
- For LSF style distributed simulations, in case of windows, ensure that the PATH points to the `$HPEESOF_DIR/EEsof_License_Tools/${architecture}` directory that corresponds to the EEsof release being used. This will ensure that the proper version of the Flexera utilities (like *lmutil*) gets picked up in the path before any older incompatible versions (that may also be installed on a users' system.)
- **License Setup Wizard (*aglmwizard.exe*)**, which is used to set up and record the license path would not work on Linux platform if you already have an environment variable set for `<PRODUCT>_LICENSE_FILE`.
Workaround: You can use `<PRODUCT>_LICENSE_FILE` variable to point to license file or refer to [Licensing \(For Administrators\)](#) in your product documentation.
- On windows, FlexFNP license server program, *lmgrd*, may not be automatically restarted during EEsof application startup after PC comes out of the hibernation mode; instead the **License Setup Wizard** dialog box pops up.
Workaround: Go ahead and select the **Add or replace a license file** and follow the guided tour. Accept the settings presented in each step to complete the license setup. Another workaround is to allow users write permissions on `C:\Program Files (x86)\Agilent\EEsof_License_Tools` directory.
- If the product does not start after you reboot your 64-bit Windows computer, and a license denial message is displayed, then it might be caused by a spurious registry entry. Check to see if registry entry `HKEY_LOCAL_MACHINE\SOFTWARE\FLEXlm License Manager\EEsof EDA License Server` exists; if it does, remove it and restart the product.