License Server Setup

1. Unzip the license server from the package.

Getting License

FlexLM (FlexNet) uses a combination of hostname and MAC-address as a so called “lock code” which is send to vendor for obtaining the needed licenses.
Using Command Prompt:
Windows 11: Right-click the Start button and select ***Terminal*** or ***Command Prompt***

To get the license server hostname:

```
hostname
```

To get the license server MAC address there are two options:

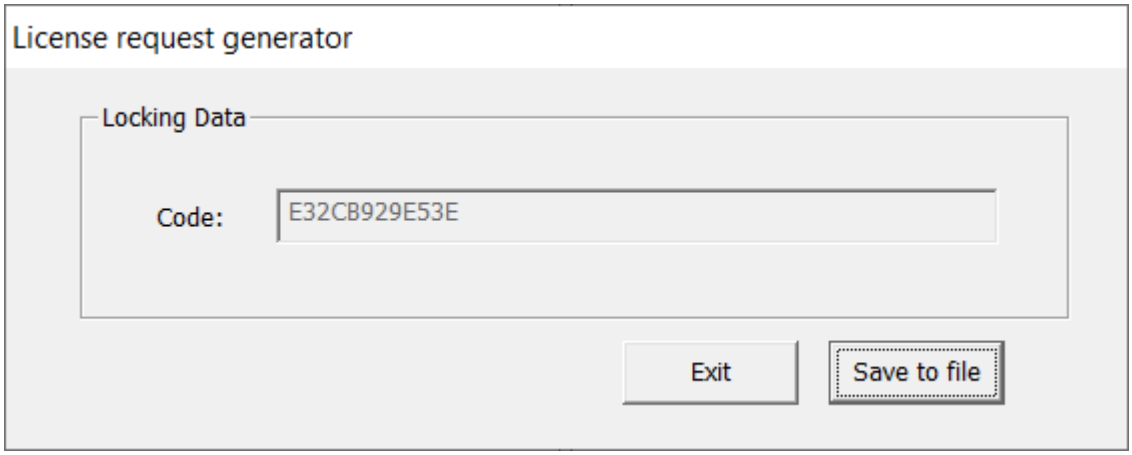
```
getmac
```

or:

```
ipconfig /all
```

The command returns information on all your system’s network interfaces. The physical address or MAC address of your system’s primary network (Ethernet) adapter.

An alternative available in the local FlexNet configurations (where the license server and the program workseat share a host) is using the code provided by the utility *wechoid.exe* instead of MAC:

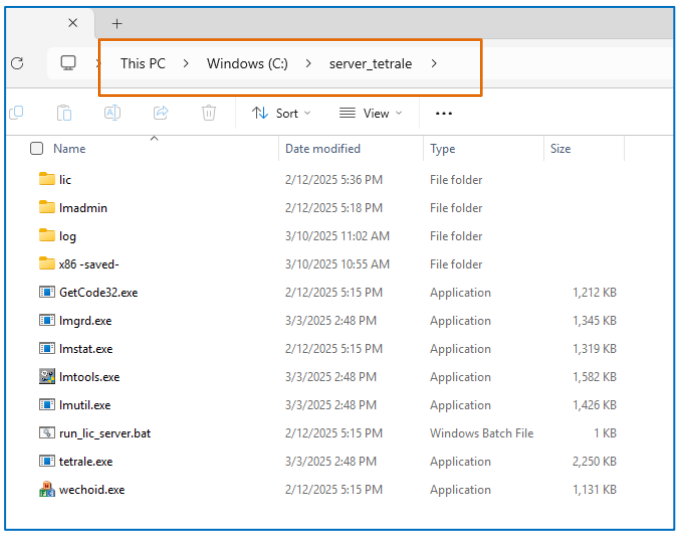


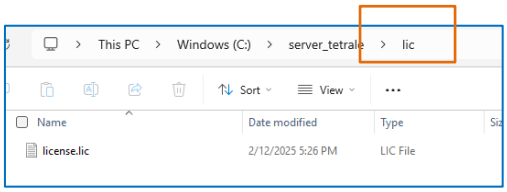
Send the lock code information by email to tesseral.geo@gmail.com. Do not miss the license server hostname. We’ll return you an appropriate license file.

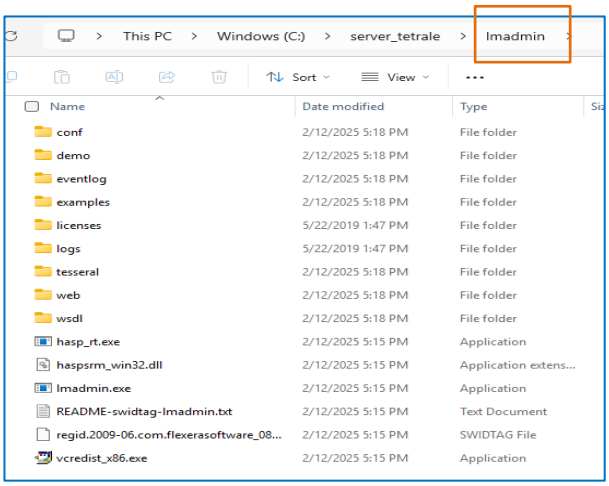
Starting the License Manager

If previous version of the License Manages is installed, don’t forget to *Stop the License Manager* (see in the following chapters)

Place the license manager daemon *lmgrd.exe* in an appropriate folder. The execution permission must be set so that only authorized users may operate the license manager.
For example:







- The license manager needs read permissions to the license file, other configuration files and write permissions to the output log file.
- To install and start the license server first time use the next command:

here: <path to …> means full path, including corresponding file name

lmgrd.exe –c <path to license file> -z –l <path to log file>

For the above lmngr.exe folder example
cd C:/server_tetrale
./lmgrd.exe -c /lic -z -l /log

- To start the license manager automatically with Windows, add the above command to one of the operating system's startup files or tools.

Installing Next Licenses

Save the license file attached to our email answer to your license request. There are two methods of installing the next license:

1) stop the license manager, replace its license file with new one and restart as described above
2) or add the license to the running license manager with *lmutil.exe* utility:

lmutil.exe lmnewlog –c <path to license file>

Stopping the License Manager

To stop the license manager use:

lmutil.exe lmdown –c <path to license file>

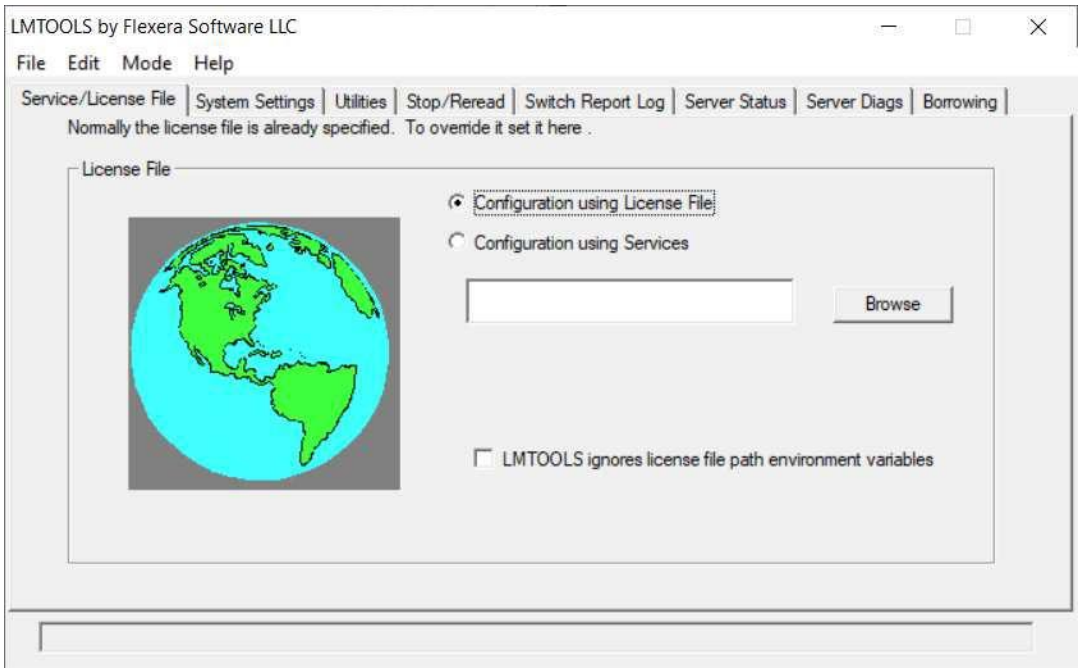
For the above lmngr.exe folder example
cd C:/server_tetrale
./lmutil.exe

License issues

Sometimes it is required to make some changes in license file make it work on your system.

License Manager GUI

FlexLM provides also a possibility to manage your licenses interactively in *lmtools.exe*:



A 3rd alternative is managing the licenses in a web browser. To use it first run the utility *lmadmin.exe* from the *lmadmin* folder:

lmadmin.exe

Then connect to it in your web browser:

http://<name of server>:8090