PSE FLEXlm Installation Instructions

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1 Overview

This document and the software described herein are *only* intended for installing PSE's license management on *central, corporate license servers*[1]. To install license management on a laptop, consult the PSE lmadmin Installation Instructions.

This document describes the procedure for performing a new and updating an existing installation, the main difference being that the existing license manager has to be uninstalled first in case of an update. An update is required if the installed version number is smaller than *11.12*.

The installed version can be determined using *FLEXlm Utilities* from the Windows Start Menu group *Process Systems Enterprise*, where the *About box* in the *Help* menu displays the version number.

Prerequisites to performing the installation are the installer `FLEXlm-PSE-11.12.0.0-i86_n3.exe` and at least one license file. This should have either been received from PSE's license administration as part of a new installation or already exist as part of a previous license management installation.

Administrative privileges are required for all steps.

This guide explains three steps:

1. Optional uninstallation of existing license manager
2. Installation
3. Configuration.

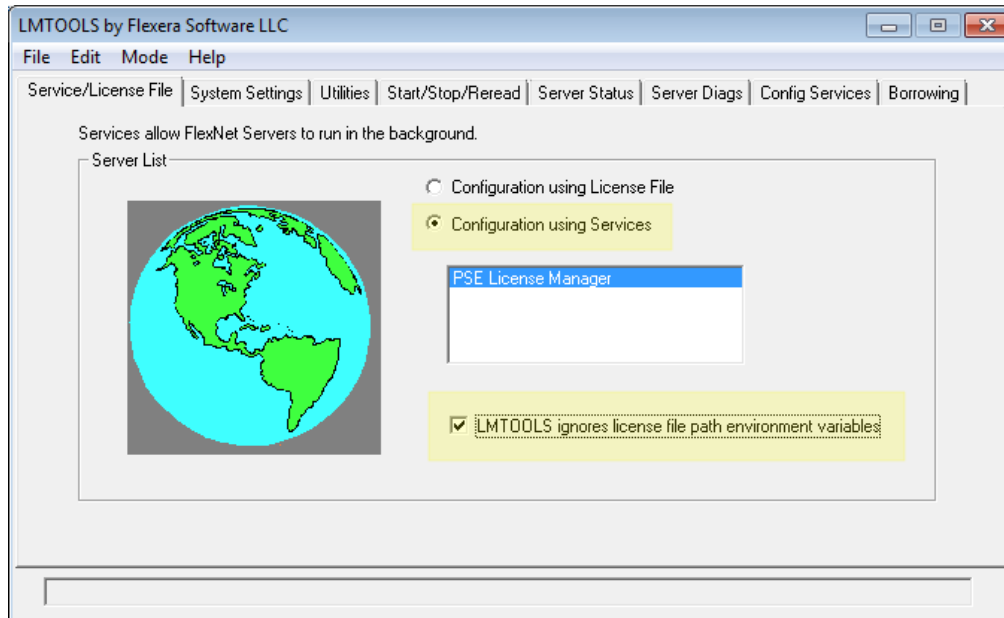For further background reading, the License Administration Guide is recommended.

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[1]This document at present only covers single license severs. For installation and maintenance of multiple, redundant servers, please contact PSE support.
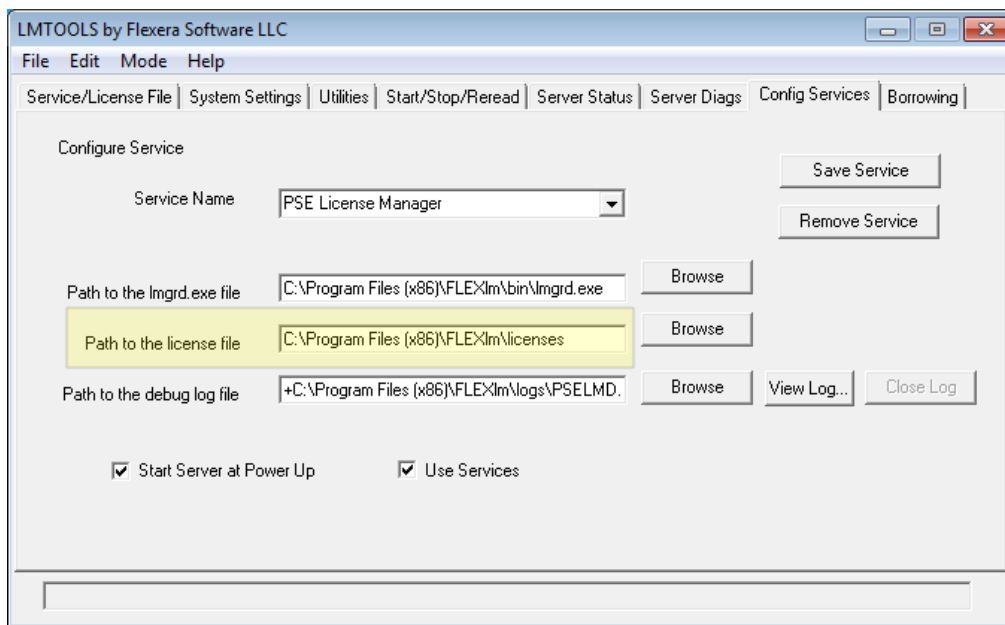
2 Uninstalling existing license managers

In order to determine if a PSE license manager installation (based on lmgrd) exists, use the Windows Control panel and select *Programs and Features* (Windows 7) or *Add or remove programs* (Windows XP). If an entry *FLEXlm for PSE* exists such an installation is present on the system.

The following steps need to be performed for a complete uninstallation:

1. Execute the utility *FLEXlm Utilities* from the Windows Start Menu group *Process Systems Enterprise.* Make sure that *Configuration using services* and *LMTOOLS ignores license file path environment variables* are selected and checked, respectively.
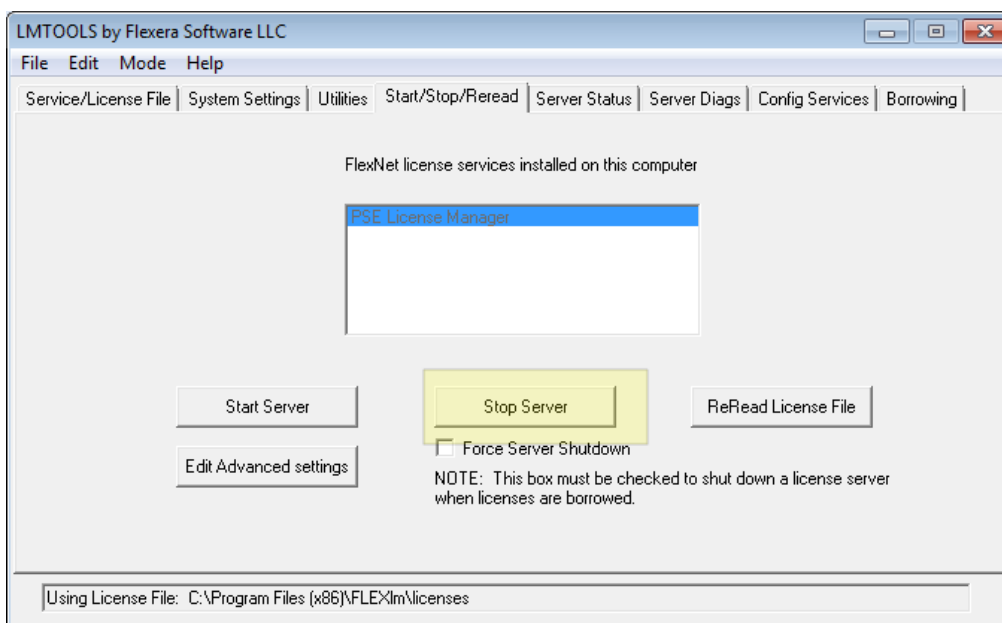
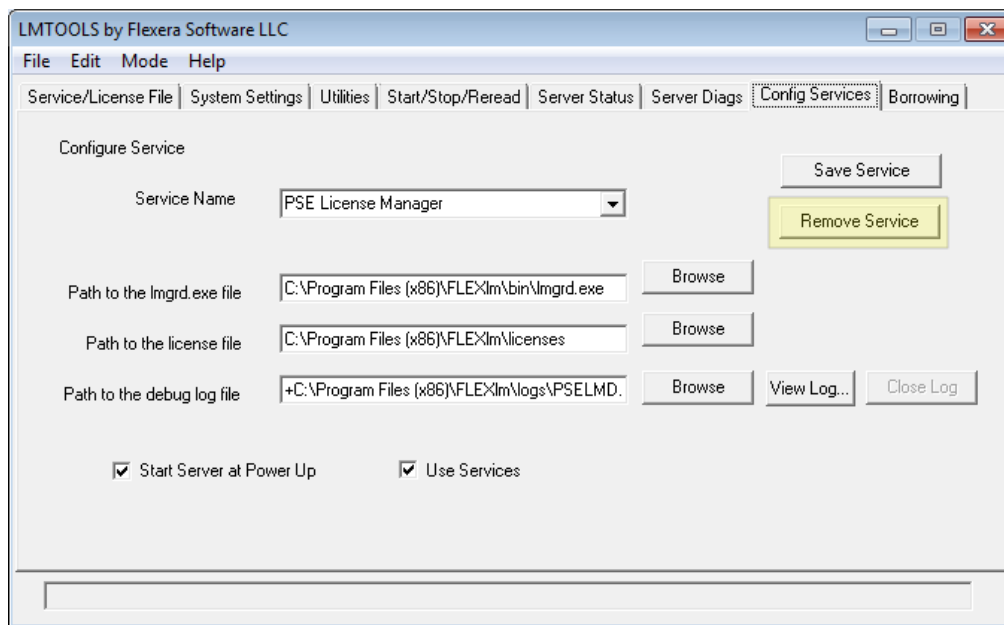2. Then, switch to the tab *Config Services* and note the path to the license file or the license directory.

Ensure that a backup copy of all license files is taken, using Windows Explorer.

3. On the *Start/Stop/Reread* tab, click on the *Stop Server* button.

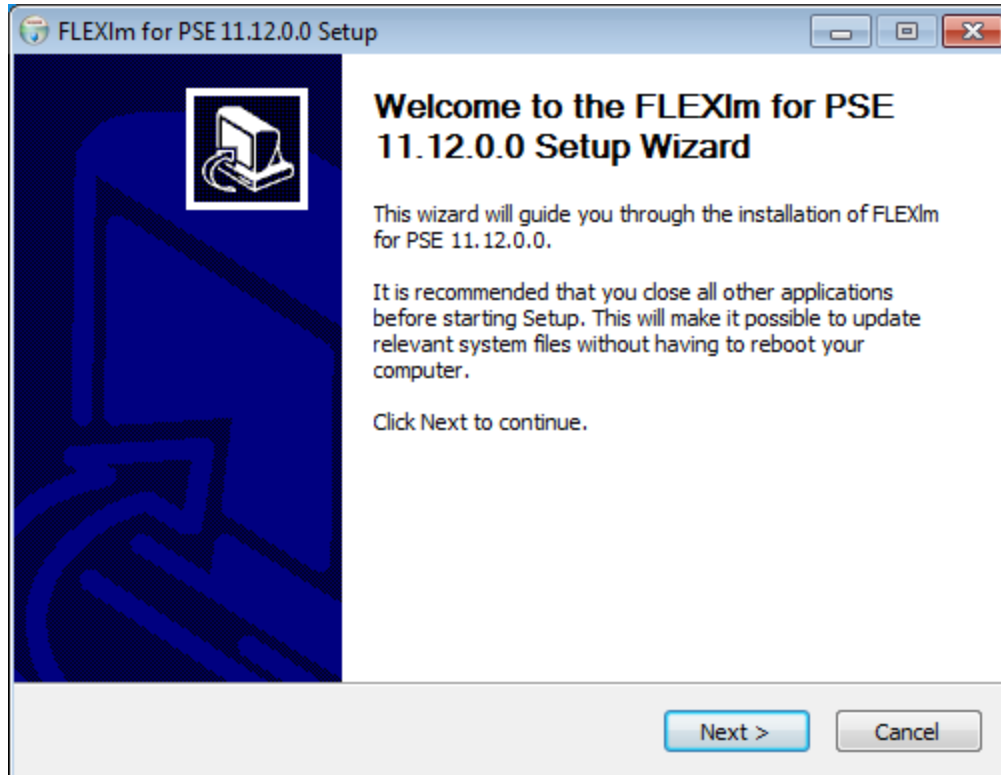4. On the *Config Services* tab, click on the *Remove Service* button.

5. Quit the utility.

6. In the control panel for adding and removing programs, choose and uninstall *FLEXlm for PSE*. Under rare circumstances, you may have more than one entry and you need to uninstall all of them.

7. The uninstaller leaves a number of items in the installation directory behind, e.g. log files or license files. Typically, there is no need to keep the log files – unless otherwise instructed – but the license files should be retained for later use by copying them to a safe location as explained in Step 1.

3 Installation

The installation starts with executing the installer.
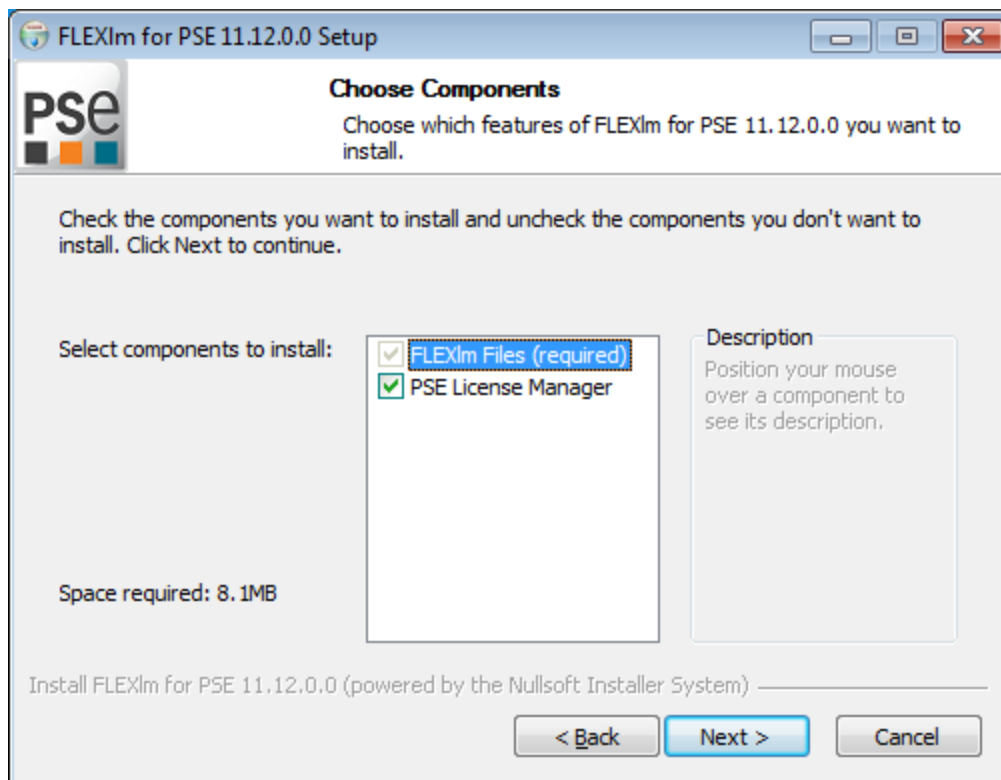
1. Execute the installer `FLEXlm-PSE-11.12.0.0-i86_n3.exe`. It shows the initial screen shown below.
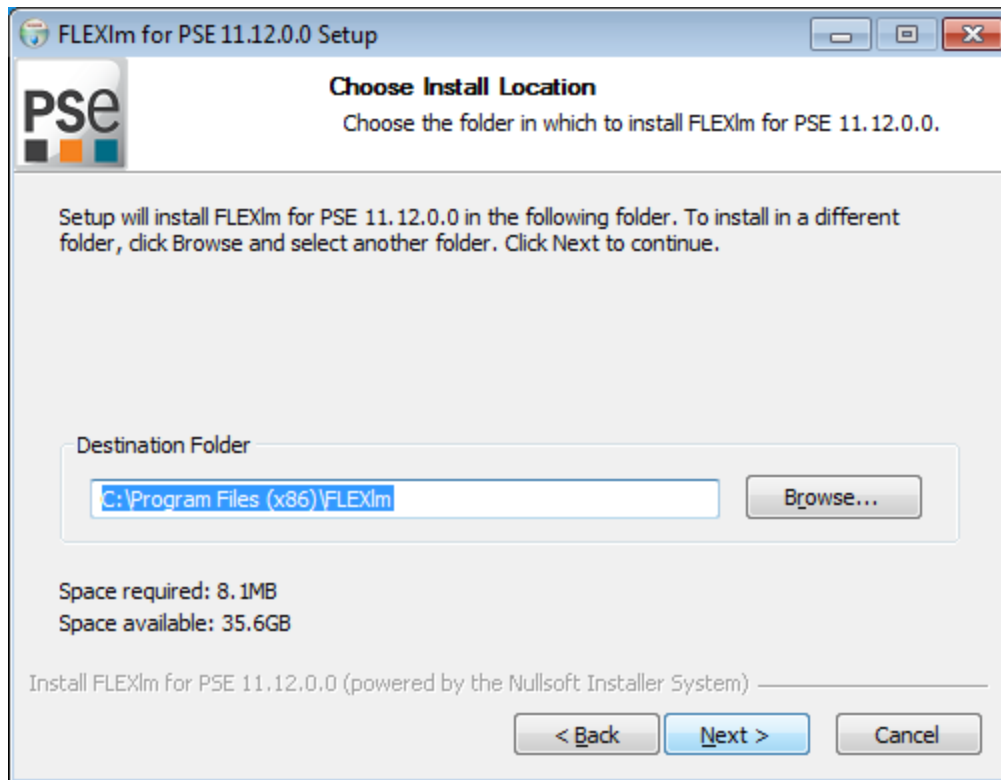

Click *Next* to continue.

2. The next screen presents a choice of components to install. You should select them all.
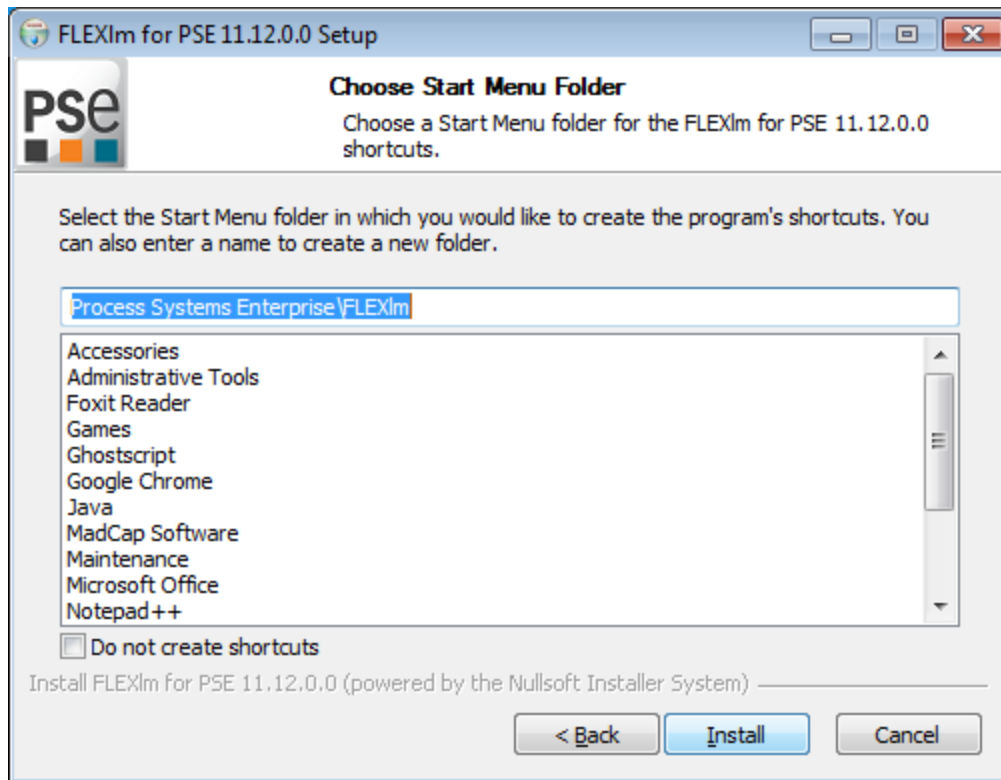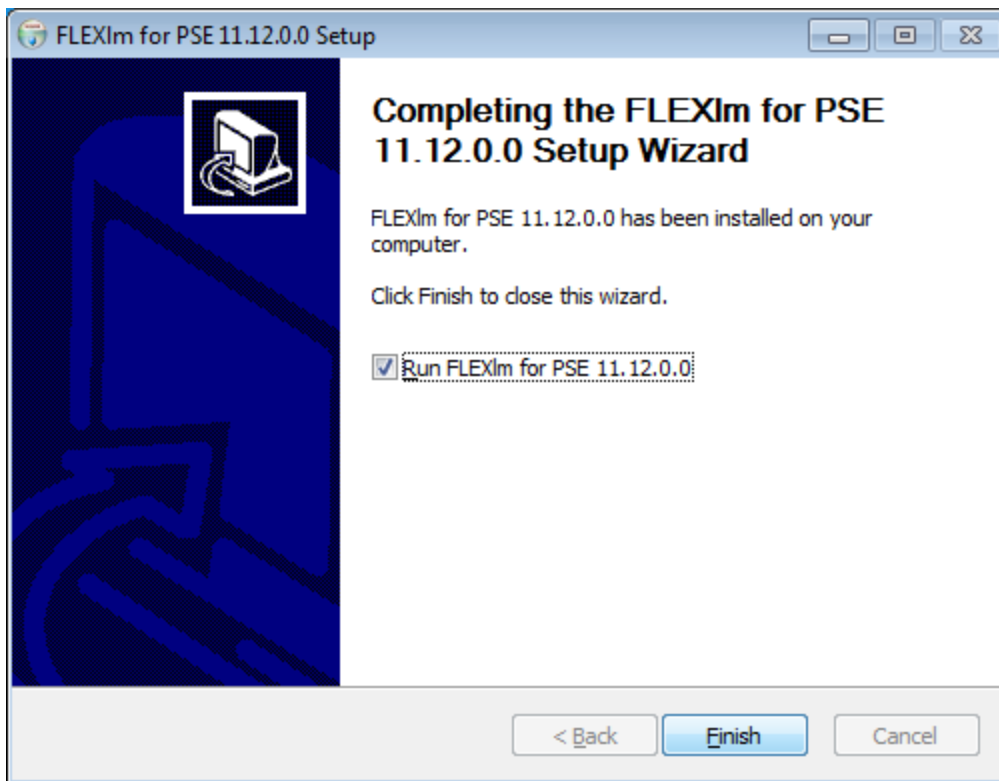
3. Accept the default for the *Destination Folder* in the following screen unless you have been instructed by PSE support to change it.

4. The default *Start Menu Group* entry is the best choice and, again, should only be changed when instructed to do so by PSE support. Clicking *Install* will perform the actual installation.
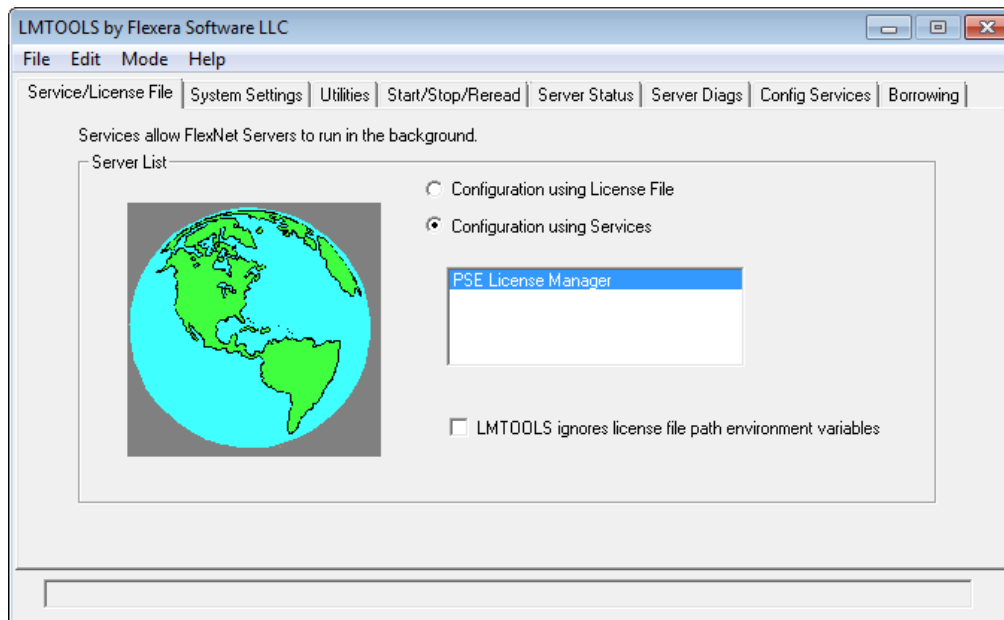
5. Once the installation has been finished, it is possible to directly launch the configuration utility. Accept the default ticked check-box (unless you want to perform the configuration at a later time). This will begin the configuration stage. If this box is not ticked, *FLEXlm Utilities* can be launched from the Windows Start Menu group *Process Systems Enterprise*.
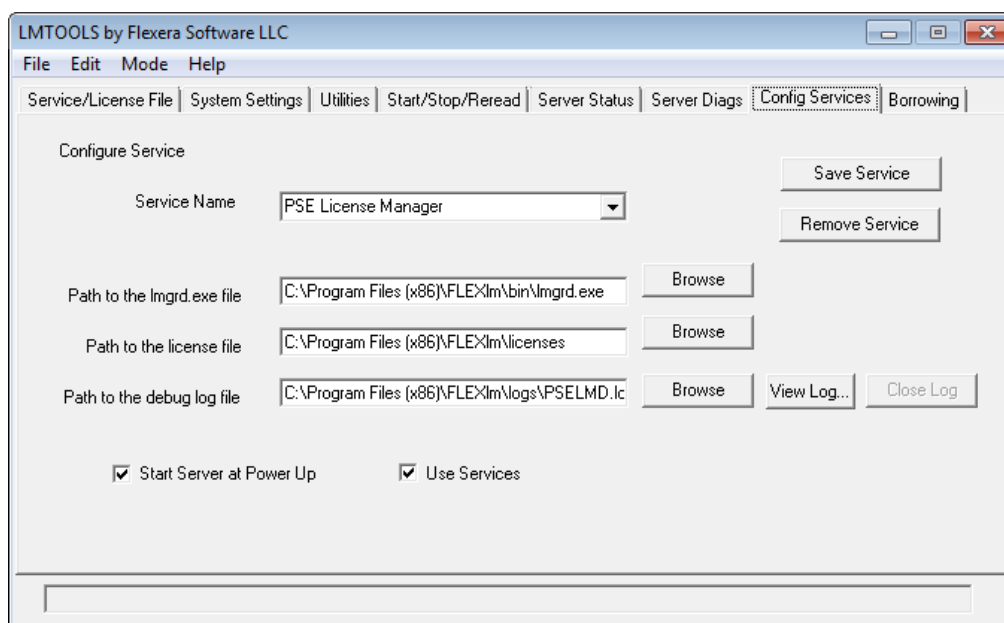
4 Configuration

The license server configuration is performed using the *FLEXlm Utilities*. They are normally launched at the end of the installation procedure, but they can also be accessed from the Windows Start Menu group *Process Systems Enterprise*.

1. The utility opens on the *Service/License File* tab. Nothing needs to be changed here. Select the *Config Services* tab at the top right which will take you to the second step.
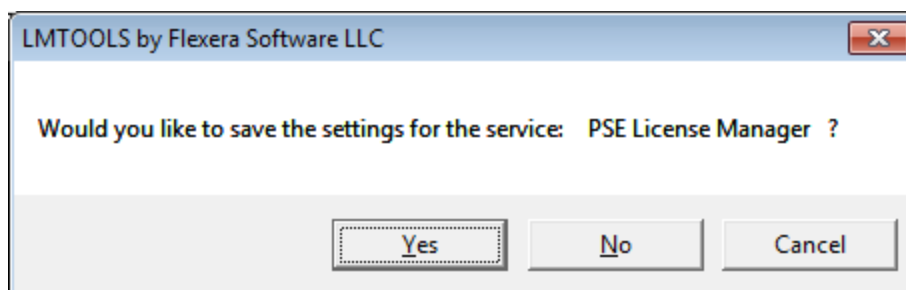
2. The *Config Services* tab lets you change a number of settings: the windows service name, paths to the executables and license files as well as the log file location. Unless specifically instructed by PSE support, do not change any of the defaults. Do note, however, the location of the paths to the license file. This typically is a directory where one or more license files can be stored. This is the location where the license files need to be placed that PSE Licensing sends – typically by email – or which are still present from a previous installation. Note this path.

    Note for updates: if defaults have been chosen, the configured location of the license files remains the same during an update. Since an uninstallation does not remove license files, they should still be present in this location. Double-check the directory if this assumption holds true.
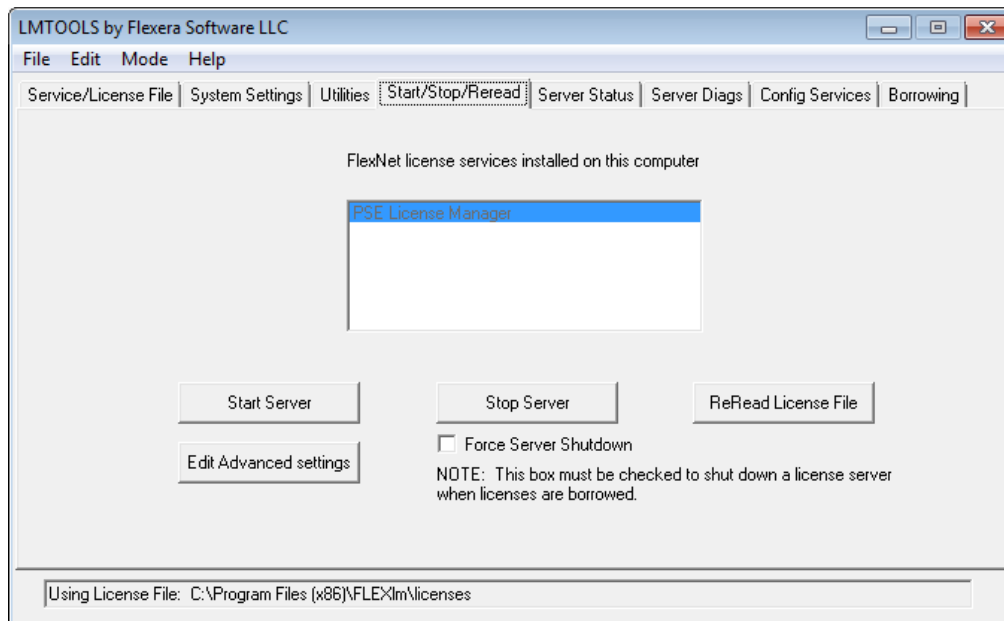

    Once it is confirmed that all settings are correct, click on *Save Service* and confirm in the following dialog:
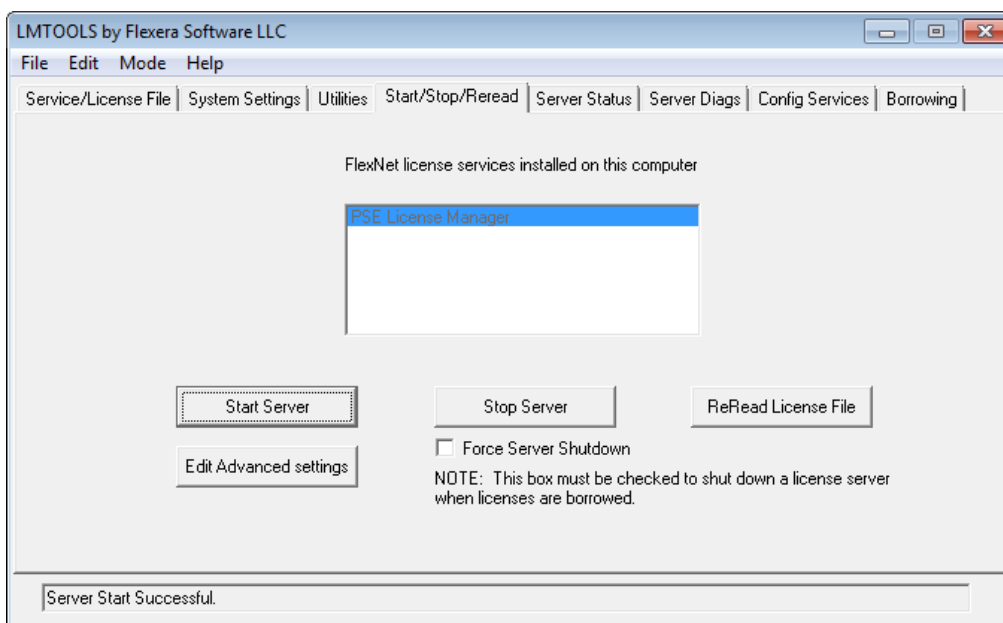

3. Copy all license files into the license file path noted in the previous step. It is assumed that the license files have already been adapted to the license server details as explained in the instructions that come with each license file.

    Note: This step typically is not required when the license server is being updated.
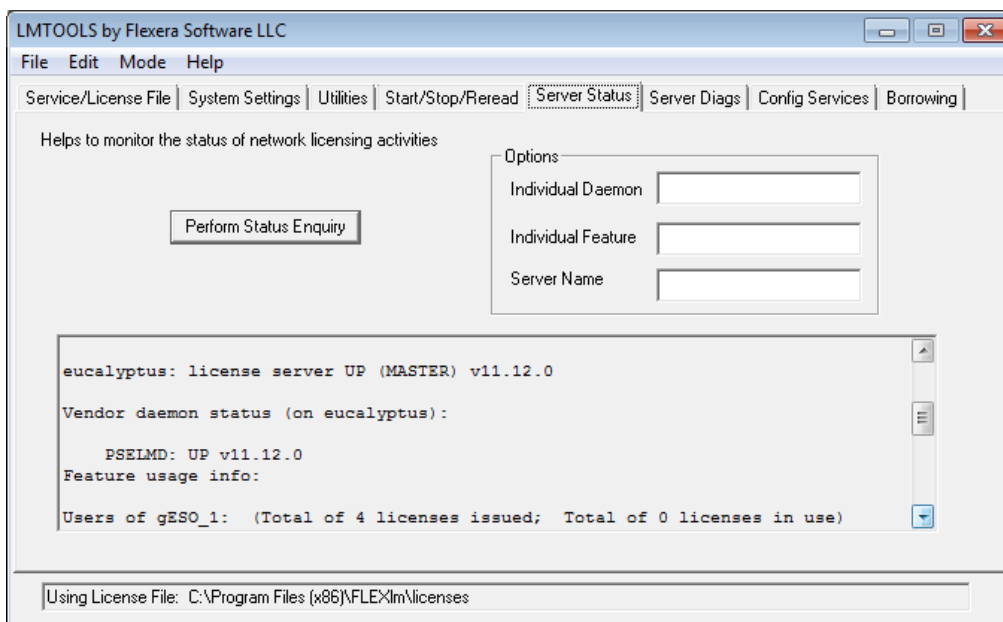
4. Once all license files are present in the configured location, the license server can be started from the *Start/Stop/Reread* tab using the *Start* button.

5. A successful start is denoted in the status bar at the bottom of the dialog.

It can be further confirmed by switching to the *Server Status* tab and clicking on the *Perform Status Enquiry* button. Scrolling down should show lines stating that both the *license server* and the *vendor daemon* are up.

Should the start not be successful, collect the following information and files:
- note the message in the status bar (perhaps take a screenshot of the dialog)
- create a copy of the log file (for its location see the *Config Services* tab)
- create copies of all license files in exactly the form they are used; do not copy the files just as they were sent
- in the *Server Status* tab, take a copy of the output from the status enquiry.

Then copy all of the above into an email to PSE support.

6. This completes installation and configuration. If you have questions or need assistance, please contact PSE support.