

Wednesday 22nd. November, 2006

Dear License Administrator:

This letter describes how to set up a license server for use with MacKichan Software products. This information is needed only for concurrent (or floating) multi-user licenses. The techniques for licensing a standard installation (with fixed licenses) are discussed in the main system documentation.

Your serial number is: 950-E0600-xxxxx-yyyyy-zzzzz

Please file this letter because you will need the serial number to update your site license information.

1 Overview

All MacKichan Software products use license-management software. When you run one of the MacKichan Software products, it starts up and looks for a license. If it finds one, it runs with all of its functionality; otherwise it runs as a viewer only.

There are two different ways that the program can find a license to run:

- The program running on a certain computer can find a file that gives it permission to run on that particular computer. This license is called a fixed license, or a node-locked license, since it is valid only on a particular computer or network node.
- Or, the program can find a file giving the name of a server running license management software. The program then contacts the license manager to ask for permission to run. If the license manager allows it, the program runs with all of its functionality. Usually, the license manager is keeping track of the number of programs it has allowed to run, and lets the next program run only if the number of programs running concurrently doesn't exceed some limit. The license manager is managing a concurrent license, so-called because the limit is on the total number of computers on a network running the program concurrently.

Most MacKichan Software licenses are fixed licenses, and the standard installation instructions are for installing the software with a fixed or node-locked license. The following instructions are, in contrast, for installing concurrent licenses. There are two distinct steps: installing the license manager on a server, and installing the program on one or more client computers.

*The instructions for installing the program on the client computers to use concurrent licensing are different from the instructions in the **Getting Started with Scientific WorkPlace, Scientific Word, and Scientific Notebook** manual. Be sure to read section 10 of these notes before installing on the client computers.*

The license manager software used by MacKichan Software products is FLEXlm, by Globetrotter Software.

2 Contact

Report any problems to support@mackichan.com.

3 The Licensing directory on the MacKichan Software CD.

There is a directory on our CD named \Licensing. The complete contents of this directory are:

- README.TXT

- Site License Admin-55.pdf - a file with directions similar to this letter
- FLEXUSER folder - HTML documentation for the FLEXlm license manager. This documentation has six chapters plus six appendices.
- LMGRD.EXE - license manager
- MACKICHN.EXE - our vendor daemon
- LMUTIL.EXE - a utility program for interacting with FLEXlm
- LMTOOLS.EXE - a graphical version of lmutil.exe and the FLEXlm user interface

Please read the FLEXlm documentation. This documentation is very helpful in understanding how the system works and is relatively comprehensive.

4 Choosing a server for the license manager.

You will need to choose a server on which to run the FLEXlm license manager. The server operating system should be Windows 95, Windows 98, Windows Me Windows NT, Windows 2000, or Windows XP. You are strongly encouraged to use Windows NT or Windows 2000 for this purpose, as operation under Windows 95/98/Me is much less robust and secure.

If the server is already running a FLEXlm license manager, you should still be able to use the license manager for your MacKichan Software product. You should, in this case, read Chapter 4 of the FLEXlm documentation, **Multiple License Files**. MathCad is a product that many of our customers use that also uses FLEXlm licensing; our customers have successfully installed our license serving software alongside that of MathCad.

If you have concurrent licenses for two or more MacKichan Software products, such as Scientific WorkPlace and Scientific Notebook, you will have to choose two servers, one for the license manager for each product. This is because of interactions between the two licenses. We hope to remove this restriction in future implementations.

It is not necessary to install any MacKichan Software products on the server. The licensing manager is completely separate from these. When you insert the MacKichan Software CD, it will probably start the installation program. This program is for installation on client computers only; you will not want to run it on the server.

5 Install

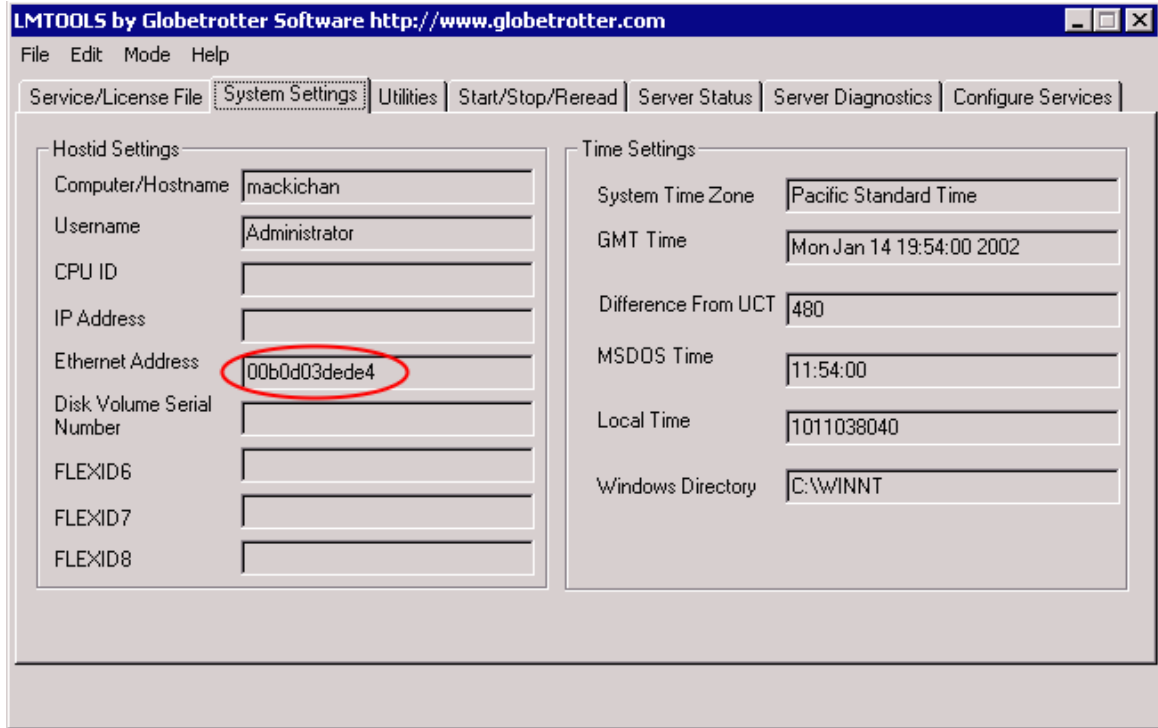
You need to install the contents of the Licensing directory on the server. Simply copying the Licensing folder to the server is all that is necessary to install the license manager. We recommend naming the folder C:\Licensing.

6 Get the HostID

You need to send some information to MacKichan Software, Inc. so we can generate a license file for you.

Run LMTOOLS.EXE and click on the System Settings tab to obtain the Ethernet address. It is important to do this, even if you know the network card I.D. number, because the form in which the address is written is crucial.

When you run LMTOOLS.EXE and click on the System Settings tab you will see the following:



7 Activate the License

Using any browser (on the server or on another computer), connect to <http://licensing.mackichan.com/licensing.net/english/mregform.aspx> This will present a form asking for the Host ID you have just gotten from the FLEXlm Licensing Manager, and the serial number which appears at the beginning of this document. It will start with “950-“ and will have a total of either 21 or 27 characters. When you submit these, you should see a form filled in with the licensing information you have given to MacKichan Software. Check that this information is correct, and enter the Computer\Hostname. When you submit this information, you should receive the license file for your server both in your browser and by email.

You may repeat this process at any time in order to update information connected with your license, such as the names of the technical support contacts.

8 Install License File

You will get back a license file relatively quickly via email and by the browser. Copy the information between the asterisks to a text editor and save the file with the name LICENSE.LIC. Put

MacKichan Software License server - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites History Print Copy Paste

Address <http://licensing.mackichan.com/cgi-bin/processmultiregform.exe> Go

Links [Alan's Excite Start Page](#) [Google](#) [License server](#)

Multiuser License Registration Site

Please fill in the missing information below. You may return to this form at any time to update contact information, to register additional language dictionaries, or to check on the status of your license. For more extended directions concerning this form, click [here](#).

Once you submit this form, we will send to you a license file to install on your server which will enable your multiuser license.

Duration of license: permanent
Expiration date of license: Never
Upgrade option:
Number of users: 25000
License type (fixed or floating): floating
Languages licensed: Languages licensed: German(25000users)

Network card id (HOSTID):

Server name (HOSTNAME):

Serial Number:

Optional Serial Numbers
for dictionaries or computation engines:

E-Mail Address of technical contact:

Name of license admin:

License admin telephone:

License admin fax:

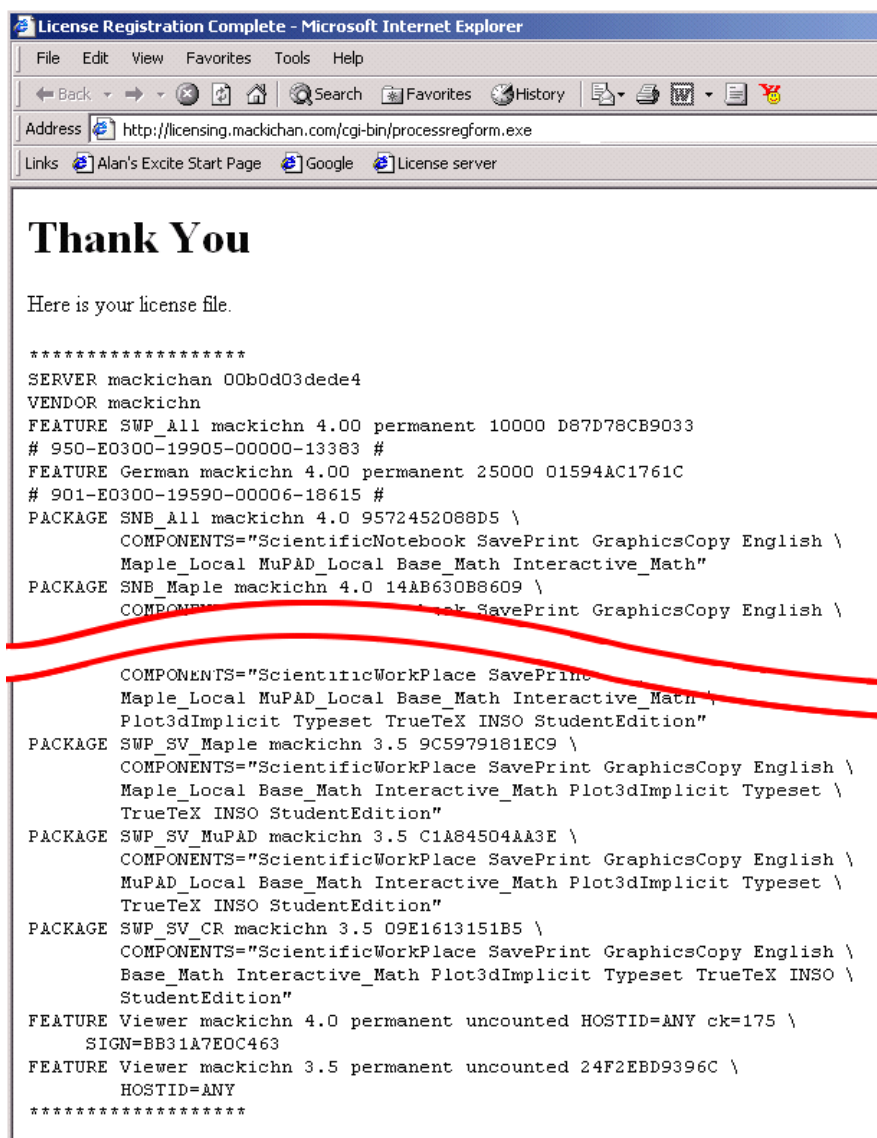
Licensee organization:

Address:

Address:

Done Internet

the file into the same place you put the utility programs (C:\Licensing was our recommendation). Here is a sample license file:



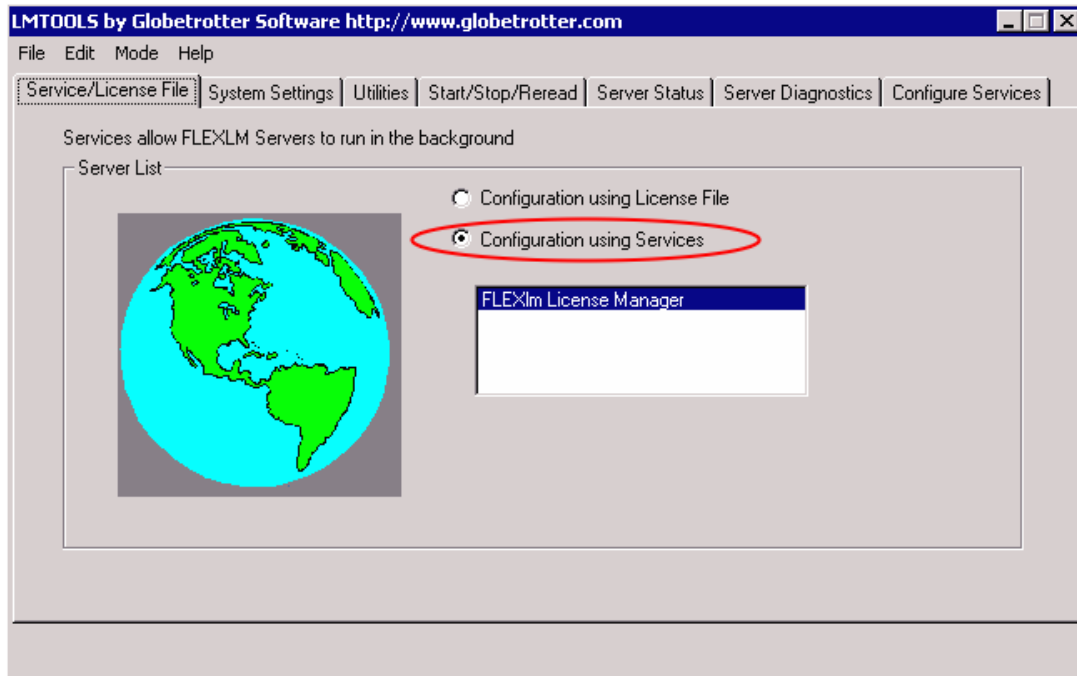
NOTE:

- You can edit the hostname on the server line (1st arg.) to use an I.P. address.
- The (optional) daemon-path on the VENDOR line (2nd arg.). You will want to add a port number to this if you want the daemon to be visible through a fire wall. See the FLEXlm documentation.
- Most other changes will invalidate this license.

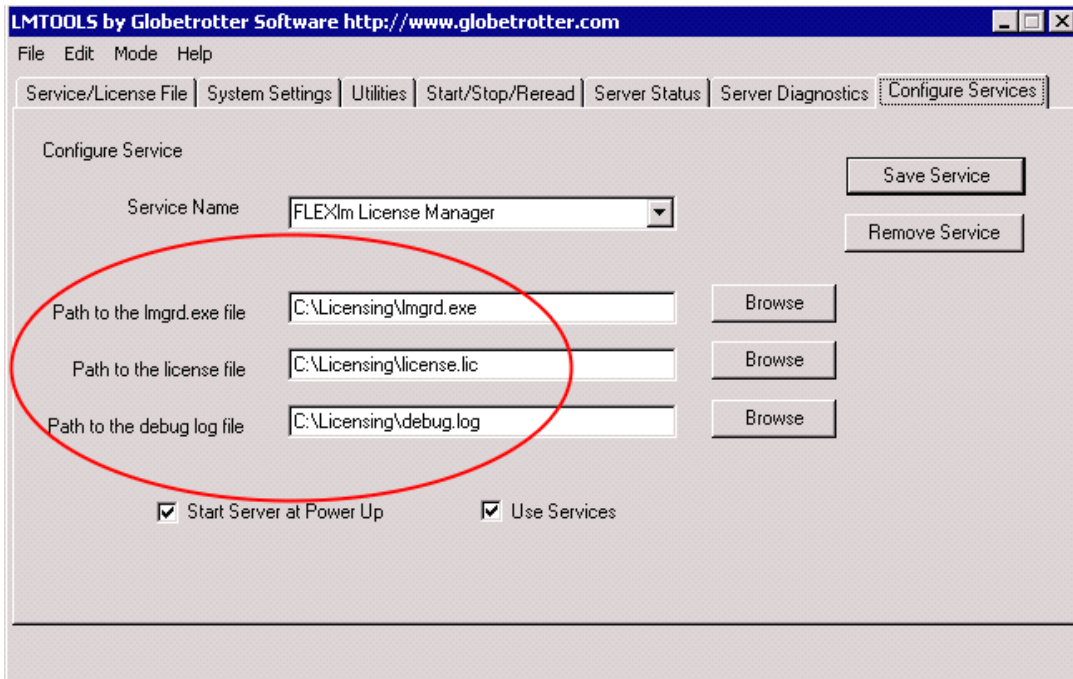
The message you get will also include a serial number to use for client installations, and the license file that should be used on client installations. For information on use of this information see the Client Install section.

9 Start Up the License Server

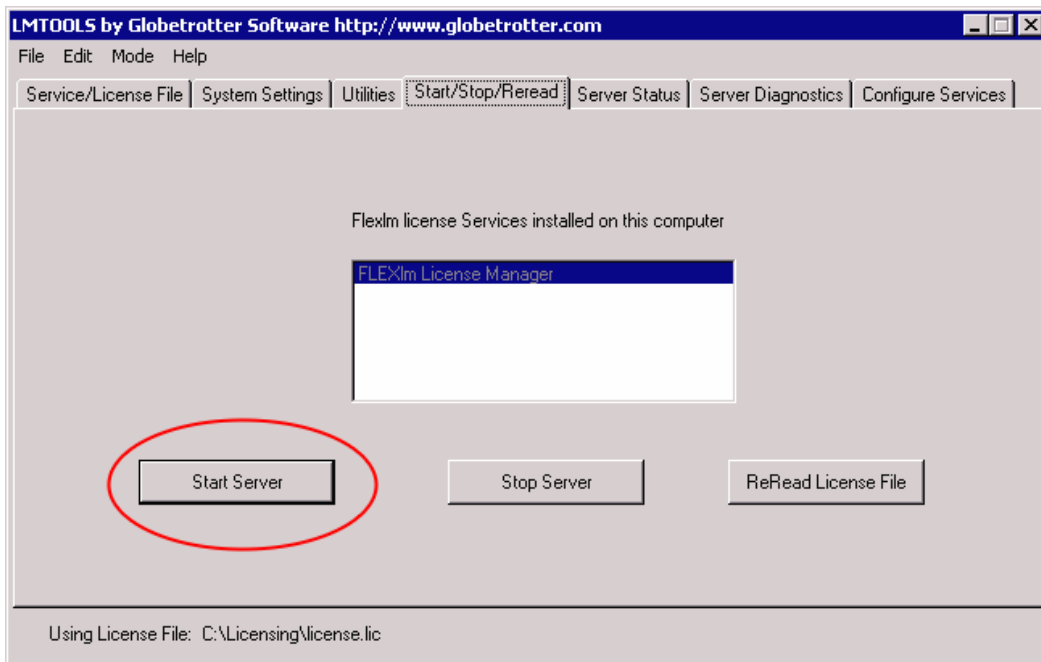
Go back to the LMTOOLS.EXE interface. Click on the Service/License File tab and change the option to Configuration using Services.



Click on the Configure Services tab, fill in the path information for the LMGRD.EXE, file, the license file, and the debug log file. You don't need to set the log file, but you might want to remember this option is available. We recommend "Use Services" and "Start Server at Power-Up", as this seems best. Once these changes have been made, click on the Save Service button.



Click on the Start/Stop/Reread tab and click on the Start Server button



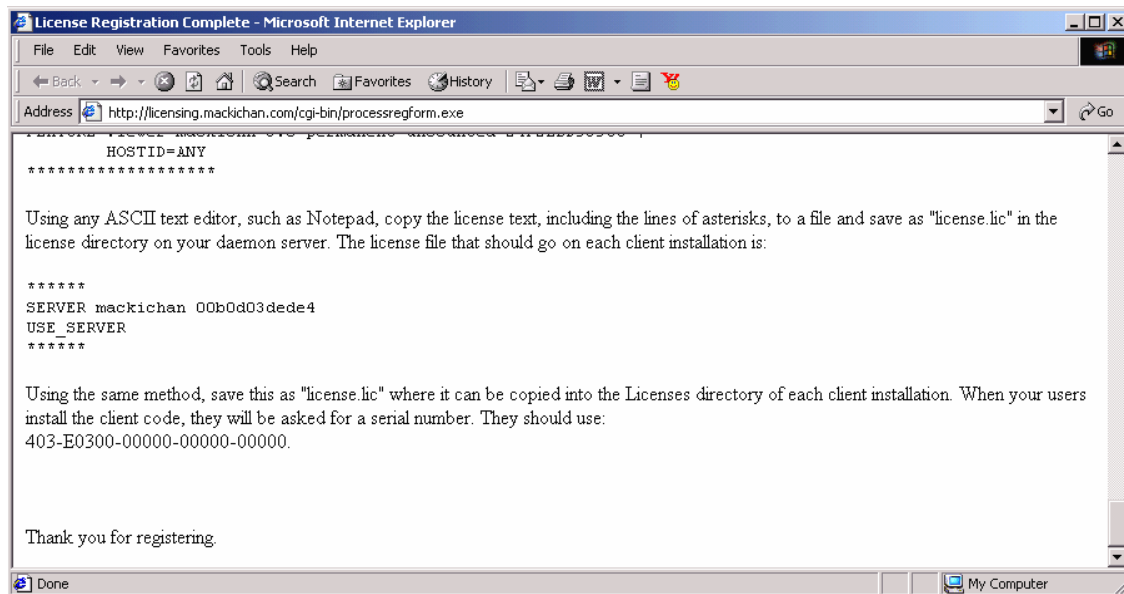
Click the Server Status tab and click on Perform Status Enquiry to check the status of the server to make sure it is running properly.

10 Client Install

Do a client installation of the MacKichan Software product you have licensed on a client machine. When you install a client, you are asked for a serial number. Use the one that was given you along with the server license in step 7. **Do not use the serial number beginning with "950-" for the client installation. Use this number instead: 300-E0600-00000-00000-00000**

After the client is installed, it will still not have all features enabled. The client installation needs information on how to get licenses from the server. You will be told that you need to register the software, but the license information is going to be coming from the license server, not a separate license file.

Copy the client license file given to you in the license file to a text editor and save the file with the name LICENSE.LIC. Put a copy of this file in the Licenses directory of the client installation.



Alternatively, you can copy and edit the server license file. Remove all but the first line of the license file. Add a second line that contains only USE_SERVER. You may want to add a port number for getting through a firewall. See the FLEXlm documentation.

We recommend that you keep a copy of this client license file on your server so that each client can simply copy it to the local machine for use. The license file on each client computer is the same; this is in contrast to the fixed license case, where all license files will be different.

11 Run

Start up the MacKichan Software product. It should have all the desired features enabled. Click on Help/System Features to see the enabled features. There should be nine or more features all listed available. Licenses are counted, so when you close the program, more licenses will be available for other users.

Because of the network interaction, startup time will be slower than for a stand-alone fixed license.

12 Problems

Read the manuals, run the utilities, email support@mackichan.com, or call support at (360) 394-6033.

Sincerely,

Tech Support
MacKichan Software, Inc.