

Chapter 7: NetPower License Manager

What is NetPower License Manager?

PowerNet Software uses a license system based on a floating license policy that allows you to install PowerNet Software application software on an unlimited number of computers. A set number of purchased licenses controls the number of installed copies of a PowerNet Software application users can run concurrently.

These licenses are floating; they are not fixed to one copy of software. A user can check out a license to allow a copy of an application to run on the user's computer. When a user exits the application, the license can be returned to the pool of available licenses. Another user may then check out that same license to allow that copy of the application to be run on that user's computer.

NetPower License Manager is the PowerNet Software application that controls and manages the floating licenses. NetPower License Manager allows you to:

- ◆ Transfer licenses from a Master License Disk or Upgrade/Update License Disk to the hard disk of the computer on which NetPower License Manager runs.
- ◆ Transfer licenses to a Master License Disk from the hard drive of the computer on which NetPower License Manager runs.

NetPower License Manager monitors how many purchased licenses for an application are available for check out, to which computers licenses have been checked-out, and the current status of each license.

A checked out license communicates with NetPower License Manager, which monitors when the license was last in contact. If the checked-out license is out of contact with NetPower License Manager for seven days, the license expires and returns to the pool of available licenses. The user who checked out the license must then check out another license for that application.

For additional information on the PowerNet Software license system, see the section *PowerNet Software Floating License System*.

Important

Keep the Master License Disk in a safe location. You will need the Master License Disk if you decide to run NetPower License Manager on another computer. You must export the licenses to the Master License Disk before importing the licenses to the new computer. Licenses can only be exported to the Master License Disk.

Running NetPower License Manager

For detailed information about starting, logging on, checking out a license, logging off of, and exiting NetPower License Manager, see *Chapter 6: Logging On and Off*.

Starting NetPower License Manager

To start NetPower License Manager, choose NetPower License Manager from the IMPACC PowerNet Suite program group in the Start menu.

The NetPower License Manager main window displays. If you are not currently logged on to a PowerNet Software application, you have view-only security privileges. If you are currently logged on to an application, you are logged on to NetPower License Manager with the last user ID and password you used.

Logging on

Important

You must have System Administrator security privileges in order to transfer licenses.

To log on to NetPower License Manager, do the following:

1. If you have not previously logged on to an application, select Log On “NetPower License Manager” from the file menu.
2. Enter your user ID and password into the Log On dialog box.
3. Click OK.

NetPower License Manager logs you on.

Logging Off

Note

If NetPower License Manager does not detect any keyboard input or mouse movement, you are logged off automatically after a set time interval. For more information about automatic log off, see *Chapter 6: Logging On and Off*.

To log off NetPower License Manager, choose Log Off “NetPower License Manager” from the File menu.

NetPower License Manager logs you off. You now have view-only security privileges.

Exiting NetPower License Manager

Important

If you exit NetPower License Manager, users will not be able to check out or return licenses. NetPower License Manager must be running in order for the license system to function properly.

To exit NetPower License Manager, do the following:

1. From the File menu, choose Exit.

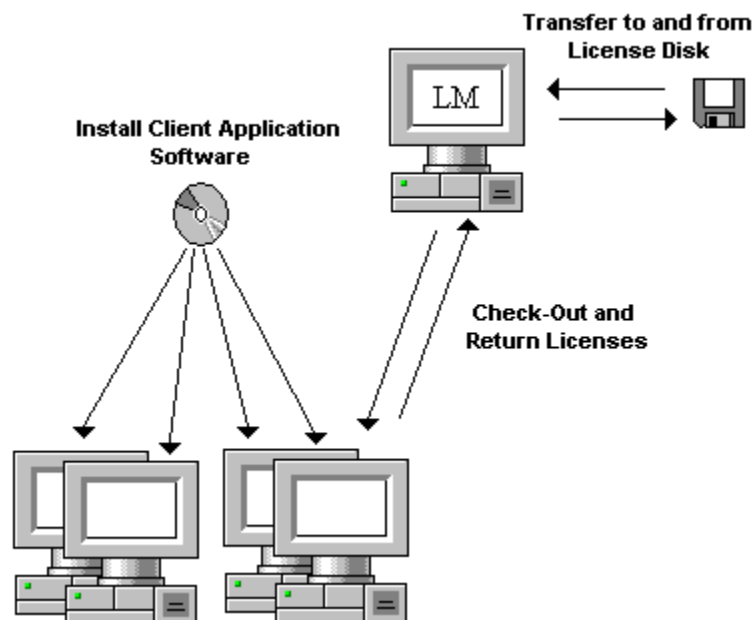
A confirm dialog box displays, verifying the request to exit.

2. Click OK.

NetPower License Manager exits. Users will be unable to check out or return licenses.

PowerNet Software Floating License System

When you purchase PowerNet Software applications, you may install the applications on any number of computers. In addition, you purchase and install any number of licenses for each application you want to run.



You can only run an application if you install and check out a license from NetPower License Manager.

Important

The computer on which you install NetPower License Manager must have a static IP address. You should install NetPower License Manager only on one computer, as you cannot transfer licenses from the Master License disk to more than one computer. For information on installing NetPower License Manager, see *Chapter 2: Installation*.

To be able to check out licenses from NetPower License Manager, you transfer the licenses from a Master License Disk to the hard drive of the computer running NetPower License Manager.

Important

Keep the Master License Disk in a safe location. You will need the Master License Disk if you decide to run NetPower License Manager on another computer. You must export the licenses to the Master License Disk before importing the licenses to the new computer. Licenses can only be exported to the Master License Disk.

If NetPower License Manager does not have available licenses for an application, the application can only be run using the Demo-mode command line interface.

Note

For information about Demo mode, see *Chapter 6: Logging On and Off*

Checked-out licenses contact NetPower License Manager every hour. If the checked-out license does not contact NetPower License Manager for longer than an hour, NetPower License Manager lists the license as inactive. If the license has not contacted NetPower License Manager for four days or longer, NetPower License Manager lists the license as expiring, and if the license does not contact NetPower License Manager for seven days, the license expires and returns to the pool of available licenses.

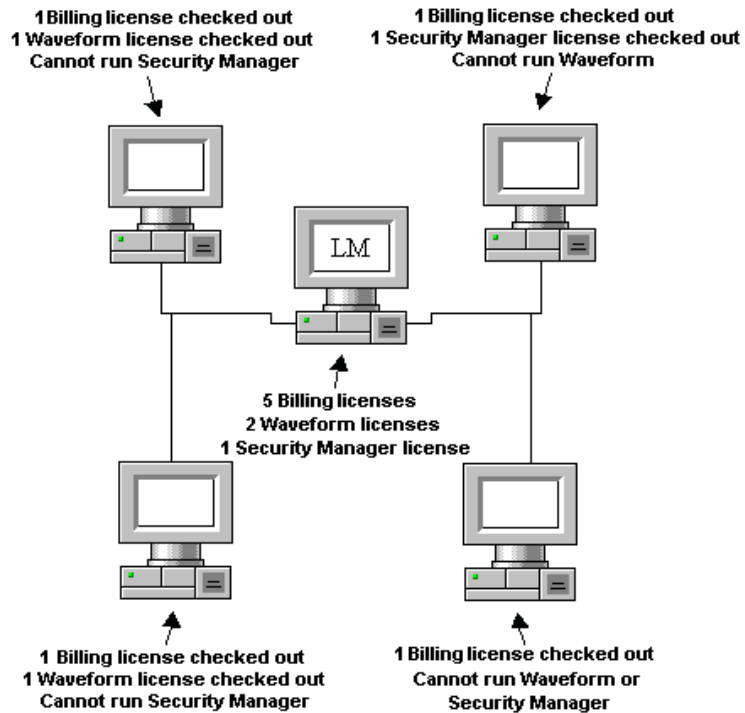
When users exit an application, they have the option to either exit without returning the license for that application to NetPower License Manager, or exit and return the license to NetPower License Manager. If a user exits an application and does not return the license, the license for that application is kept on the user's computer, and the license is unavailable to other users.

By keeping licenses, users do not need to check out a license again when they re-start the application. The next time the user logs on to the application, the user must check out another license for that application.

Important

NetPower License Manager must always be running so users can check out and return licenses.

Example



NetPower License Manager has five licenses for NetPower Billing, two licenses for NetPower Waveform, and one license for NetPower Security Manager.

Four users have NetPower Billing, NetPower Waveform, and NetPower Security Manager installed on their computers.

All four users can check out licenses for and run NetPower Billing, as there are five NetPower Billing licenses in NetPower License Manager.

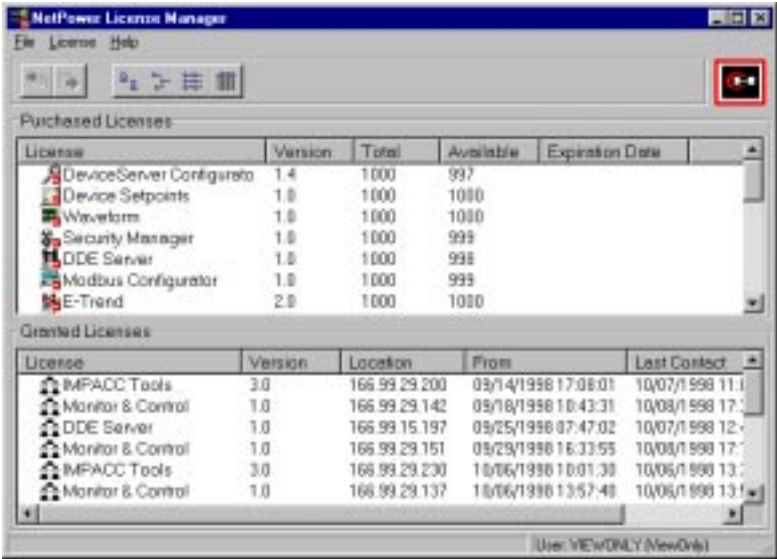
Only two of the four users can check out licenses for and run NetPower Waveform.

Only one user can check out a license for and run NetPower Security Manager.

NetPower License Manager Main Window

The NetPower License Manager main window displays information for both purchased licenses, and for the licenses that have been checked out to users. Menu options and icons on the main window allow you to import licenses from the Master License Disk or from an

Upgrade/Update License Disk, or export licenses to the Master License Disk.



The NetPower License Manager main window is divided into two sections: the Purchased Licenses section, and the Granted Licenses section.

The Purchased Licenses section of the main window displays information for purchased licenses, while the Granted Licenses section of the main window displays information for licenses that have been checked out by users.

Purchased Licenses Section

The Purchased Licenses section of the main window displays the following information:

Column	Description
License	Lists the names of the applications for which licenses are purchased.
Version	Lists the version numbers of applications for which licenses are purchased.
Total	Lists the total number of licenses available for a particular application.
Available	Lists the number of licenses available to be checked out.

Column	Description
Expiration Date	Lists the date on which the licenses will permanently expire.







Granted Licenses Section

The Granted Licenses portion of the main window displays the following information:

Column	Description
License	Lists the names of the applications for which licenses have been checked out by users.
Version	Lists the version numbers of the applications for which licenses have been checked out by users.
Location	Lists the IP addresses of the computers to which the licenses were checked out.
From	Lists the dates and times the licenses were checked out.
Last Contact	Lists the dates and times the licenses last contacted NetPower License Manager.
Status	<p>Lists the status of the licenses:</p> <p><i>Active</i> Indicates that the checked out license has contacted NetPower License Manager during the past hour.</p> <p><i>Inactive</i> Indicates the license has not contacted NetPower License Manager for longer than an hour, but less than four days.</p> <p><i>Expiring</i> Indicates the license has not contacted NetPower License Manager for between four and seven days.</p>

Menu Options and Toolbar Icons

The following table describes the menu options and their corresponding icons:

Menu Option	Description	Icon
File		
Setup Database Synchronization	Sets up Database Synchronization.	N/A
Setup Auto Logoff	Sets up the automatic logoff time interval.	N/A
Log On "NetPower License Manager"	Logs you on to NetPower License Manager.	N/A
Log Off "NetPower License Manager"	Logs you off of NetPower License Manager.	N/A
Exit	Exits NetPower License Manager.	N/A
License		
Export	Exports licenses to the Master License Disk.	
Import	Imports licenses from a Master License Disk or Upgrade/Update License Disk.	
Help		
Contents	Displays the table of contents for online help.	N/A
About	Displays the About NetPower License Manager dialog box.	N/A
Additional Toolbar Icons		
N/A	Displays the large icons for the licenses.	
N/A	Displays the small icons for the licenses.	
N/A	Displays a list of the licenses.	
N/A	Displays the details of the licenses.	

Client Software License Installation

Before users can run any of the PowerNet Software applications, you must import (transfer) licenses for the applications from the Master License Disk to the hard drive of the computer that runs NetPower License Manager.

You can import additional licenses and upgraded licenses to NetPower License Manager from an Upgrade/Update License Disk after you import the initial licenses. Also, you can export all licenses from the hard drive of the computer that runs NetPower License Manager to the Master License Disk, then import the licenses to a new computer that runs NetPower License Manager.

Note

NetPower License Manager does not require a license in order to run.

NetPower License Manager does not store the NetPower DeviceServer license. You must use a separate license and application to install the NetPower DeviceServer license. See *Chapter 4: NetPower DeviceServer* for information.

Importing Licenses from a Master License Disk

Important

Keep the Master License Disk in a safe location. You will need the Master License Disk if you decide to run NetPower License Manager on another computer. You must export the licenses to the Master License Disk before importing the licenses to the new computer. Licenses can only be exported to the Master License Disk.

To import licenses from the Master License Disk to the hard drive of the computer that runs NetPower License Manager, do the following:

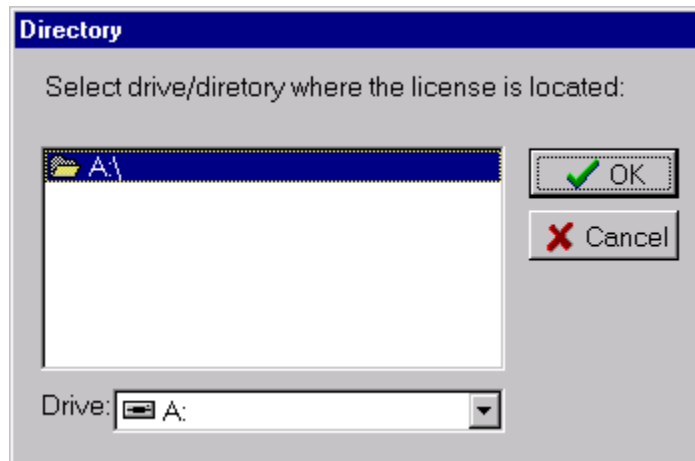
1. Insert the Master License Disk into a floppy disk drive in the computer that runs NetPower License Manager.

Note

Licenses cannot be imported from a network drive or to a network drive. Both the floppy drive from which and the hard drive to which you are importing must be attached to the computer that runs NetPower License Manager.

2. Click the Import icon.

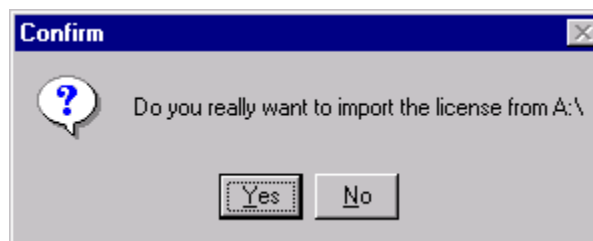
The Directory dialog box displays, verifying the drive from which you want to import the licenses.



The A: drive is the default drive from which NetPower License Manager reads the Master License Disk. If the Master License Disk is in another floppy drive, select the correct drive letter from the Drive drop-down list.

3. Click OK.

The Confirm dialog box displays, verifying the request to import licenses.



4. Click Yes.

The NetPower License Manager transfers the licenses from the Master License Disk to the hard drive of the computer that runs NetPower License Manager.

The Information dialog box displays, informing you about the Master License Disk.

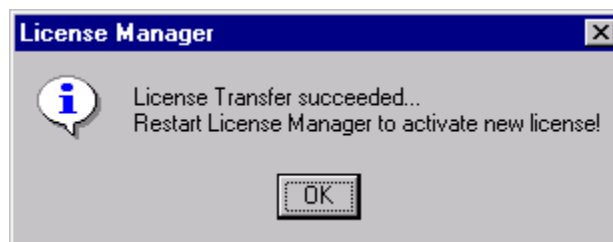


Important

Keep the Master License Disk in a safe location. You will need the Master License Disk if you decide to run NetPower License Manager on another computer. You must export the licenses to the Master License Disk before importing the licenses to the new computer. Licenses can only be exported to the Master License Disk.

5. Click OK.

The NetPower License Manager dialog box displays, informing you that the license transfer succeeded.

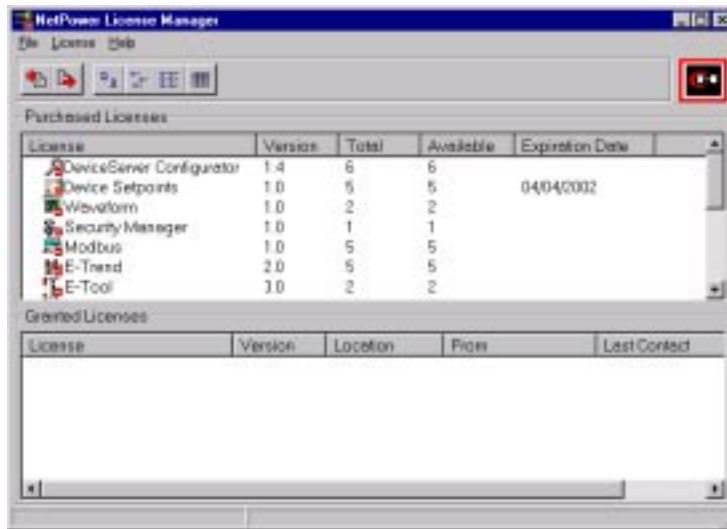


6. Click OK.

NetPower License Manager exits automatically.

7. Re-start License Manager.

The licenses display in the Purchased Licenses section of the NetPower License Manager main window.



The licenses are now installed on the hard drive of the computer that runs NetPower License Manager, and application users can now check out licenses.

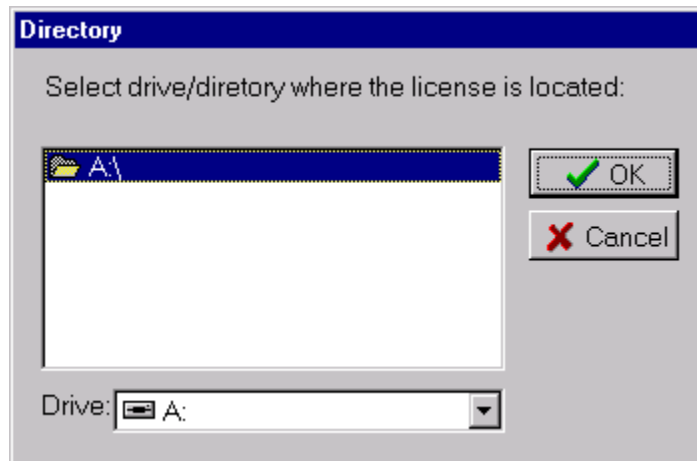
Importing Licenses from a Version Upgrade/Add-In License Disk

If you purchase additional licenses for applications, or receive a software upgrade, you must import the additional licenses or upgraded licenses to the hard drive of the computer that runs NetPower License Manager.

To upgrade your current licenses, or add additional licenses to the hard drive of the machine that runs NetPower License Manager, do the following:

1. Insert the Version Upgrade/Add-In License Disk into a floppy disk drive in the computer that runs NetPower License Manager.
2. Click the Import icon.

The Directory dialog box displays, verifying the drive from which you want to import the licenses.



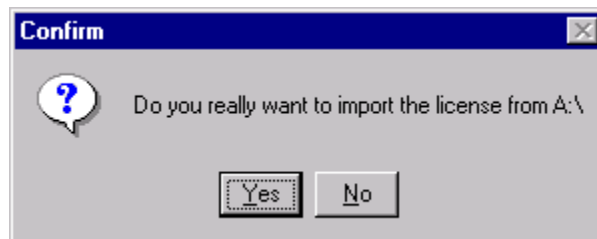
The A: drive is the default drive from which NetPower License Manager reads the Version Upgrade/Add-In License Disk. If the Version Upgrade/Add-In License Disk is in another floppy drive, select the correct drive letter from the Drive drop-down list.

Note

Licenses cannot be imported from a network drive, or to a network drive. Both the floppy drive from which and the hard drive to which you are importing must be attached to the computer that runs NetPower License Manager.

3. Click OK.

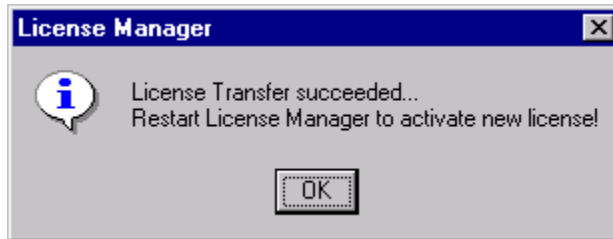
The Confirm dialog box displays, verifying the request to import licenses.



4. Click Yes.

NetPower License Manager transfers the licenses on the Version Upgrade/Add-In License Disk to the hard drive of the computer. If you received upgraded licenses, NetPower License Manager upgrades the old license versions to the new license versions. If you receive additional licenses or new licenses, NetPower License Manager adds those licenses to the pool of available licenses.

The NetPower License Manager dialog box displays, informing you that the license transfer succeeded.



5. Click OK.

NetPower License Manager automatically exits.

Note

Once the transfer is complete, you no longer need the Upgrade/Update License Disk. Discard the disk. Reusing the disk, even after reformatting, may result in lost data.

6. Re-start NetPower License Manager.

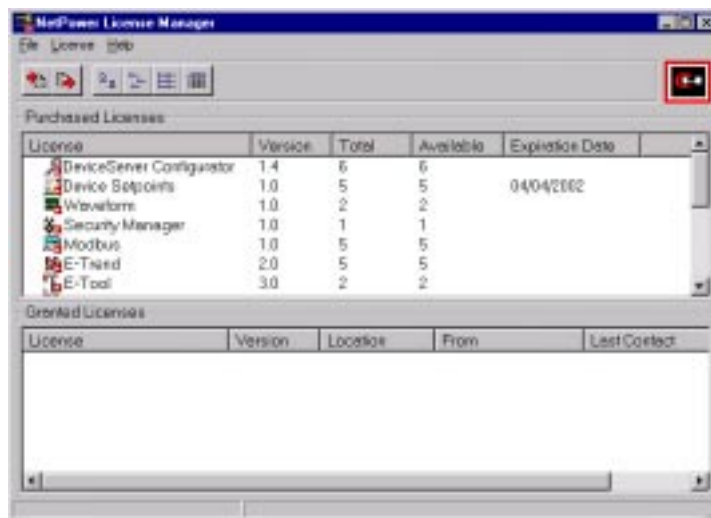
Any add-in or version upgraded Licenses display in the Purchased Licenses section of the NetPower License Manager main window.

Note

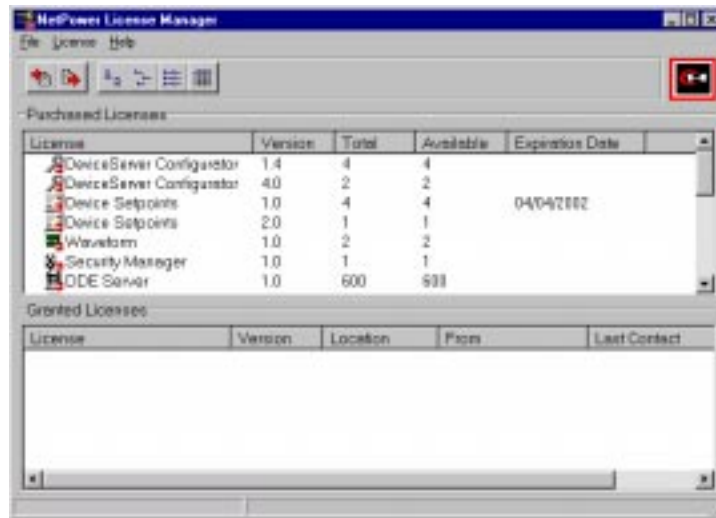
When you export the licenses, all licenses are exported, including any licenses you have added or upgraded.

Example

Before the upgrade, there were six licenses for NetPower Configurator version 1.4, five licenses for NetPower Setpoints & Trip Curve version 1.0, and no licenses for NetPower DDE Server.



The upgrade contained two licenses for NetPower Configurator 4.0, one license for NetPower Setpoints & Trip Curve version 2.0, and 600 licenses for NetPower DDE server.



NetPower License Manager upgraded two of the licenses for NetPower Configurator version 1.4 to NetPower Configurator 4.0, one of the licenses for NetPower Setpoints & Trip Curve version 1.0 to NetPower Setpoints & Trip Curve version 2.0, and added 600 licenses for NetPower DDE server.

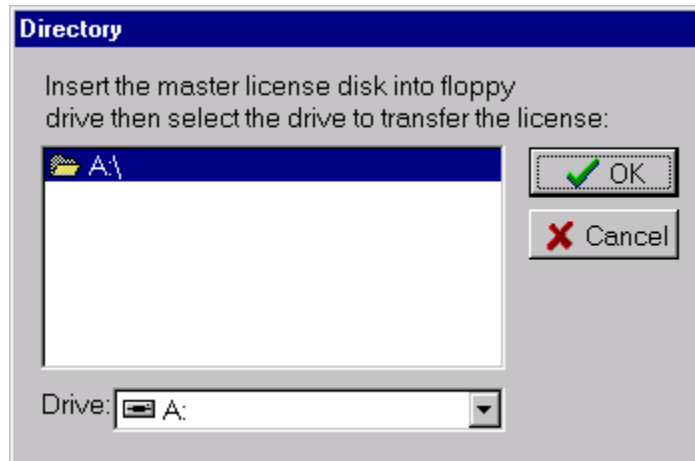
Exporting Licenses

If you want to run NetPower License Manager on a different computer, you must export the licenses from the hard drive of the computer that currently runs NetPower License Manager to the Master License Disk.

To export all the licenses from the hard drive of the computer that runs NetPower License Manager to the Master License Disk, do the following:

1. Insert the Master License Disk into a floppy disk drive in the computer that runs NetPower License Manager.
2. Click the Export icon.

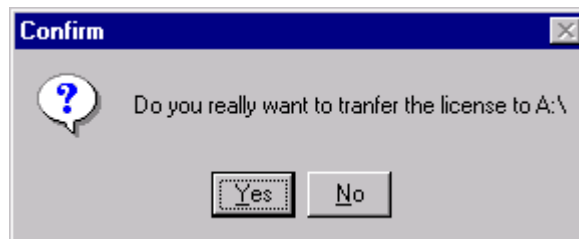
The Directory dialog box displays, verifying the drive to which you want to export the licenses.



The A: drive is the default drive to which NetPower License Manager writes the Master License Disk. If the Master License Disk is in another floppy drive, select the correct drive letter from the Drive drop-down list.

3. Click OK.

The Confirm dialog box displays, verifying the request to export licenses.



4. Click Yes.

NetPower License Manager transfers all the installed licenses from the hard drive of the computer that runs NetPower License Manager to the Master License Disk, and removes the licenses from the hard drive.

The License Manager dialog box displays, informing you that the license transfer was successful.



5. Click OK.

NetPower License Manager automatically exits.

The next time you log on to NetPower License Manager on the old computer, no licenses display in the NetPower License Manager main window.

Use the Master License Disk to import the licenses to a new computer on which you want to run NetPower License Manager.

Exporting Checked-Out Licenses

You can export licenses to the Master License Disk, even when licenses are checked out. The Master License Disk records those licenses as checked out.

When the new computer runs NetPower License Manager, if the IP address of the new computer is the same as the IP address of the old computer, and a user returns a license, NetPower License Manager adds the license back into the pool of available licenses.

If the new computer's IP address differs from the old computer's IP address, and a user has a license checked out, NetPower License Manager continues to list the license as checked out. Because the license can no longer communicate with NetPower License Manager, it expires after seven days, and returns to the pool of available licenses.

