

PTW Installation Instructions

Network (Red) Hardware Key by SafeNet

Contents

Overview Information

System Requirements.....	2
What is the Hardware Key?	2
Should I Install PTW on the Server or on the Workstations?	2
Part 1: Getting the server to broadcast the hardware key	3
Part 2: Getting the server to see the hardware key	6
Part 3: Getting the workstations to see the hardware key	7
Part 4: (optional) Display license managers available and list of users	9
What if I Want to Use the Key Temporarily as a Local Key?	12

System Requirements

Following is a list of the minimum system requirements for running PTW:

- Any Windows Operating System
- Intel or AMD Processor
- 40 GB hard disk space;
- 2 GB of RAM (4 GB or more recommended for large projects);
- CD-ROM drive

What is the Hardware Key?



The hardware key protects your investment and ours, and allows multiple people to use the software without violating the license agreement. Your PTW software will include one of these keys, and will not run without it. However, once you have installed the key, you can forget about it—the key does its job automatically.

Should I Install PTW on the Server or the Workstations?

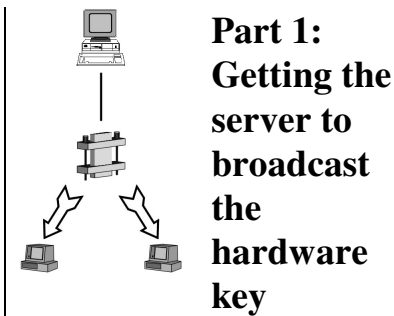
You have two options for installing and running PTW on a network:

1. Install PTW on each workstation (This is the recommended method);
- (or)
2. Install PTW on a dedicated or non-dedicated file server and run PTW on each workstation using a shortcut to that file server.

If you use option 2, you will need to install the Fonts and Crystal Report drivers on every workstation.



Windows 2000/2003/XP/Vista/Windows 7 server

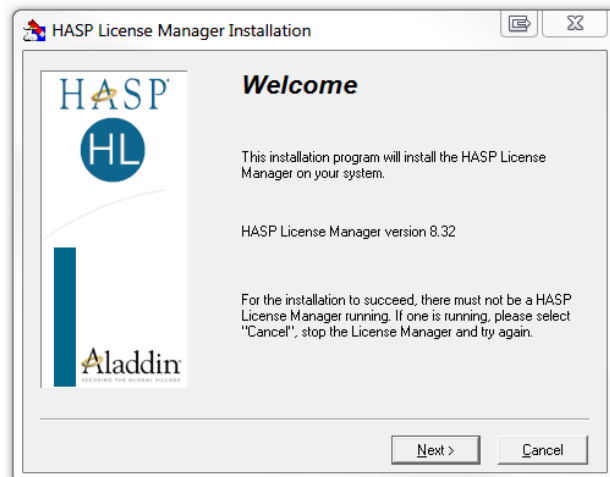


Part 1: Getting the server to broadcast the hardware key

1. Attach the hardware key to the server. (You may attach the hardware key to a workstation instead of the server, but you must keep that workstation turned on anytime another workstation wants to use PTW. Since users typically turn off their workstations when they leave work, we recommend that you put the hardware key on the server, since servers usually remain on at all times. Whichever you choose, though, remember that the computer with the hardware key must be turned on and the NetHASP License Manager must be broadcasting for PTW to run.)
2. Log on with Full Administrative Rights, then insert the PTW CD-ROM.
3. Click the “Install NetHASP License Manager to Server (for Server Install)” option.

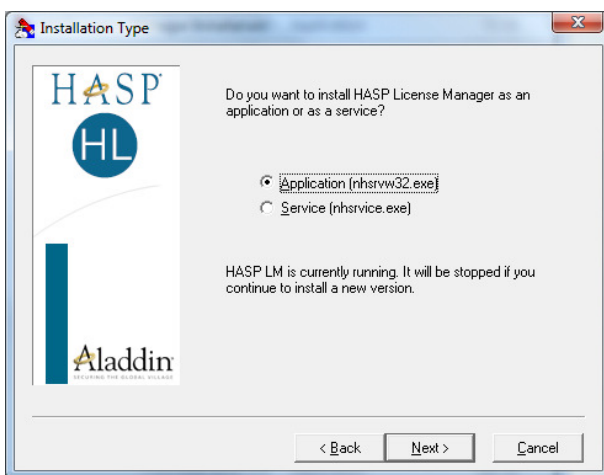


By selecting this option button, you are actually running **LMSETUP.EXE**, a program which installs the license manager program, and the device driver that allows Windows to see the hardware key. You should see a window similar to the following when started:

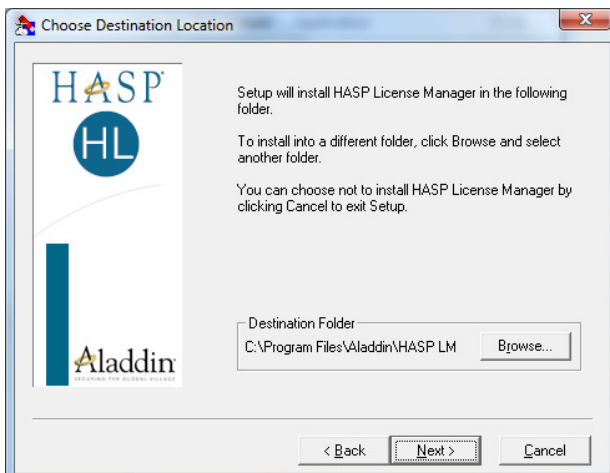


4. Click “Next” to continue with the installation for the NetHASP License Manager & device driver.

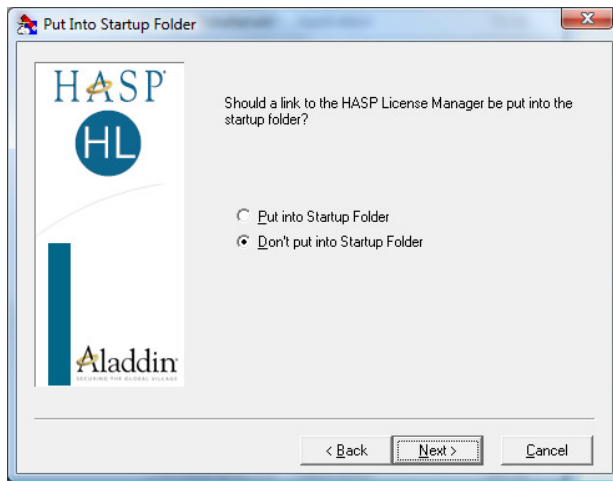
You will then be prompted to install the license manager as a service or as an application. Select the option you want and click the “Next” button.



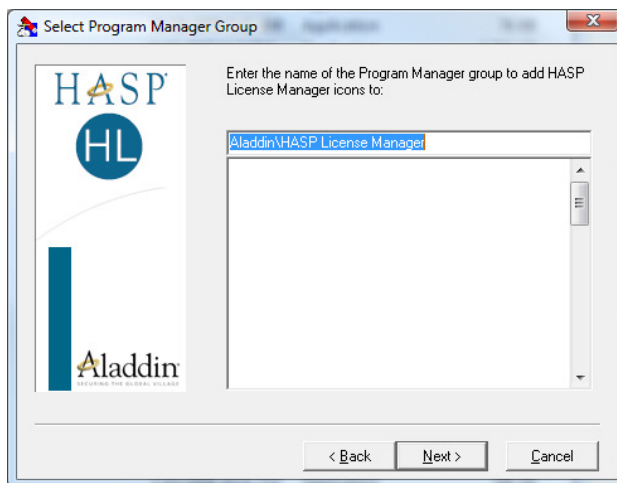
5. Next, select the install location for the license manager files. The picture below shows the default directory.



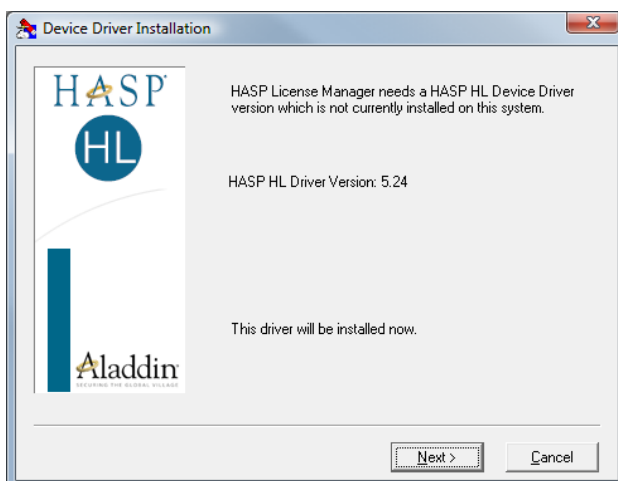
6. You will then be prompted to link the Hasp Lincense Manager to start up folder or not. Select the option you wish and click on the “Next” Button.

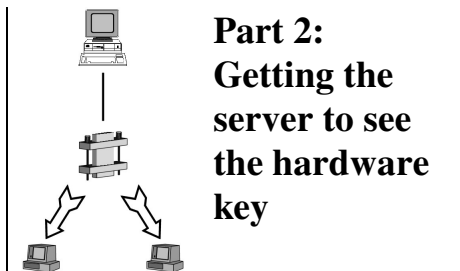


7. The installation program then creates a program group for the License Manager program. Just click on the “Next” button.

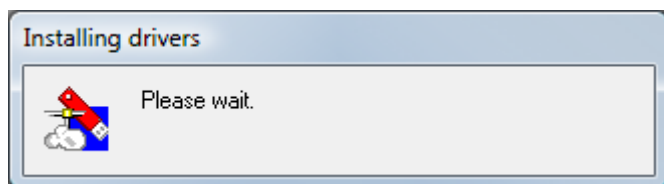


8. The License Manager finishes installation and will show a similar window below. It will then prompt you if you want to install the Hasp Device Driver as well. If you select "Yes", continue with step 2

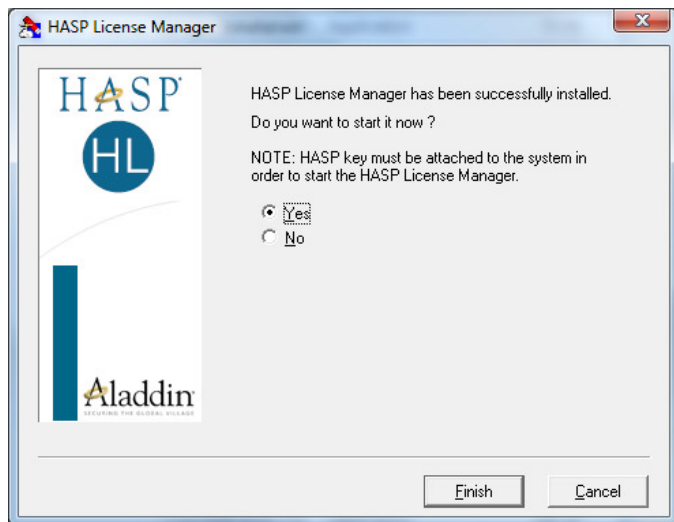




When the License Manager finishes installation, the setup program provides an option to install the Hardware key device drivers needed by the computer to recognize the hardware key. Once you clicked on the “Yes” button above you will see a similar picture below.



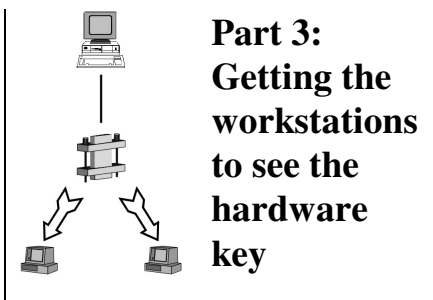
The screen similar to the one below is displayed upon completion of the installation for the Hasp Device Driver. Just click on “Yes” if you wish to start the Hasp License Manager.



The installation program finishes and starts up the NetHASP license manager.



The NetHASP License Manger appears minimize next to the clock



Part 3: Getting the workstations to see the hardware key

If your workstations will run PTW using a shortcut to the dedicated or non-dedicated file server, you only need to perform the following steps on the computer with the hardware key. If your workstations will have PTW installed and run locally, you need to repeat these steps on each workstation which has PTW installed.

For networks using TCP/IP protocol

1. Go to the \PTW32\BIN folder and look for the NETHASP.INI file.
2. Open the NETHASP.INI file and find the [NH_COMMON] Section. (Since NETHASP.INI is a text file, open it in a text editor. Notepad, which comes with Windows, works best because it does not insert extra characters into the file.)
3. *Be sure to ONLY un-remark the line indicated. All other lines should still have semicolons in front of them.*

Un-remark (that is, delete the two semicolons in front of) the line

;;NH_TCPIP = Enabled

so that the line reads:

NH_TCPIP = Enabled

4. Find the [NH_TCPIP] Section.
5. Un-remark the line

;;NH_SERVER_ADDR= IP_Address

and enter the dedicated server or non-dedicated server IP (internet protocol) address of the computer where the red hardware key is attached and from where the NetHASP License Manager broadcasts in place of the text **IP_Address**

For example, if the IP address is **198.0.0.130**, you would retype the line like this:

NH_SERVER_ADDR=198.0.0.130

6. While in the [NH_TCPIP] Section, un-remark the line

;;NH_USE_BROADCAST = Disabled

so that the line reads:

NH_USE_BROADCAST = Disabled

7. Lastly, un-remark the line

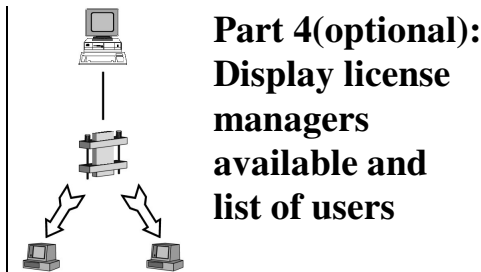
;;NH_TCPIP_METHOD = UDP

so that the line reads:

NH_TCPIP_METHOD = UDP

8. Save the NETHASP.INI file and try starting PTW32.exe. If it does not, check the NETHASP.INI file to ensure that only the line indicated has the semicolons removed, and that all the other lines still have semicolons in front of them. Also try running \PTW32\bin\regdel.exe to Clean Up All Settings. Restart PTW32.exe and select Network Hardware key. Login with the modules that you have purchased.

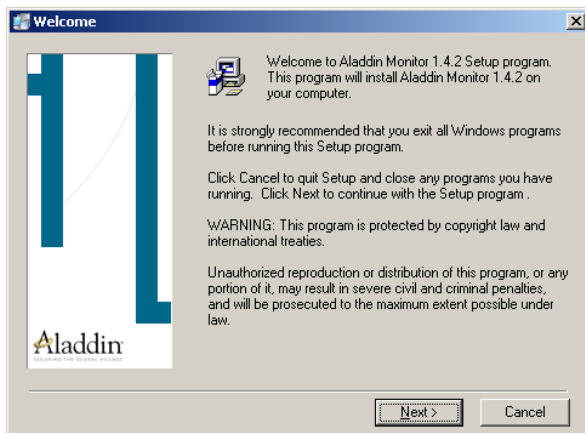
Monitoring the Hardware Key & Users



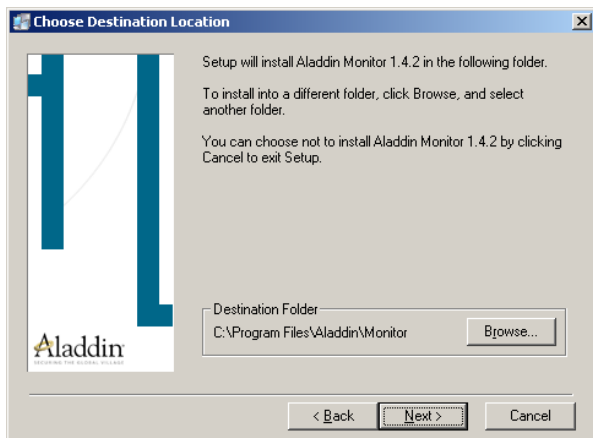
The monitor program enables you to see the list of License managers available on your network. It also displays the list of user login to the hardware key.



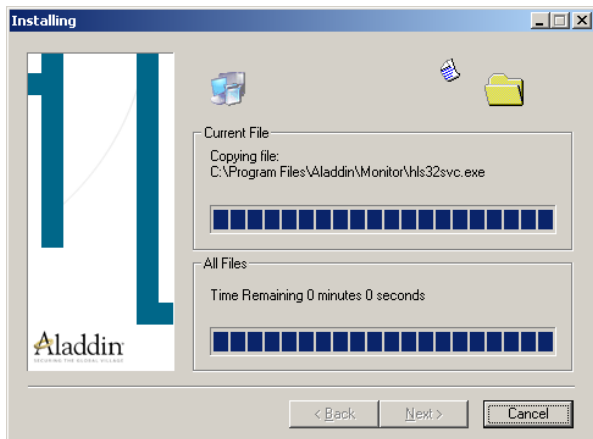
To install the monitor program select “Install Monitor Program to Workstation” . The following screen will then show up.



Click “Next” button to continue



The setup program displays the default installation directory as shown above, to continue click on the computer/box button. Click on the “Next” button and the monitor program will start installing.

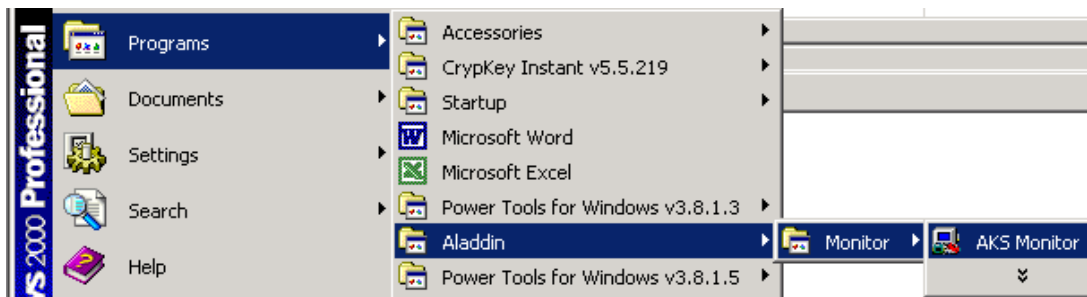


Once done monitor program finished installation, it will show the following message. Click on the “Finished” button.

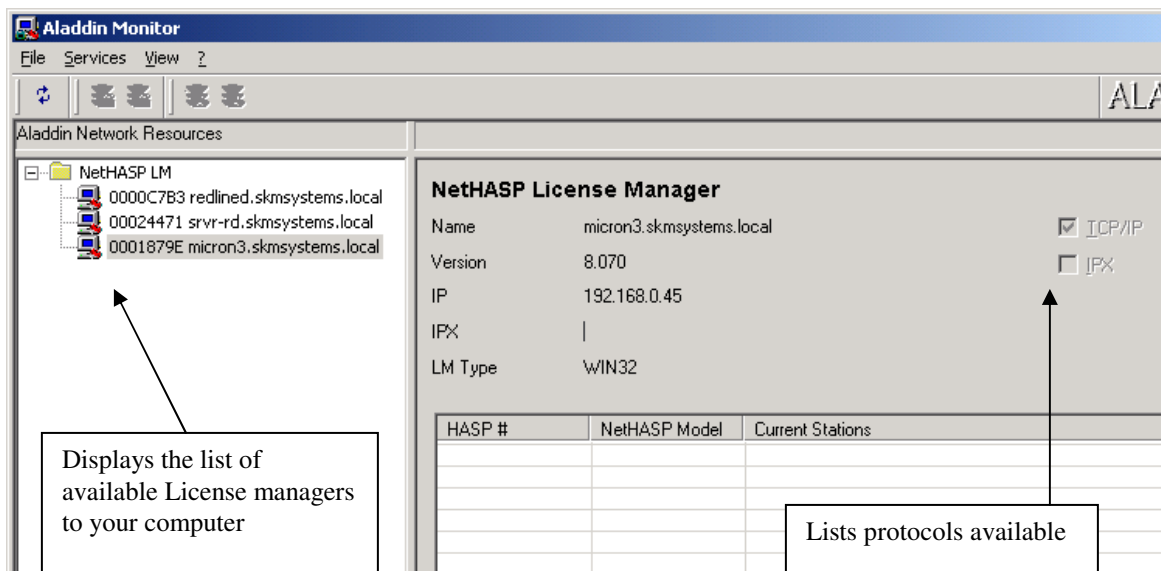


Use the Monitor program to check if your workstation has access to the hardware key.

1. Open the AKS Monitor program.

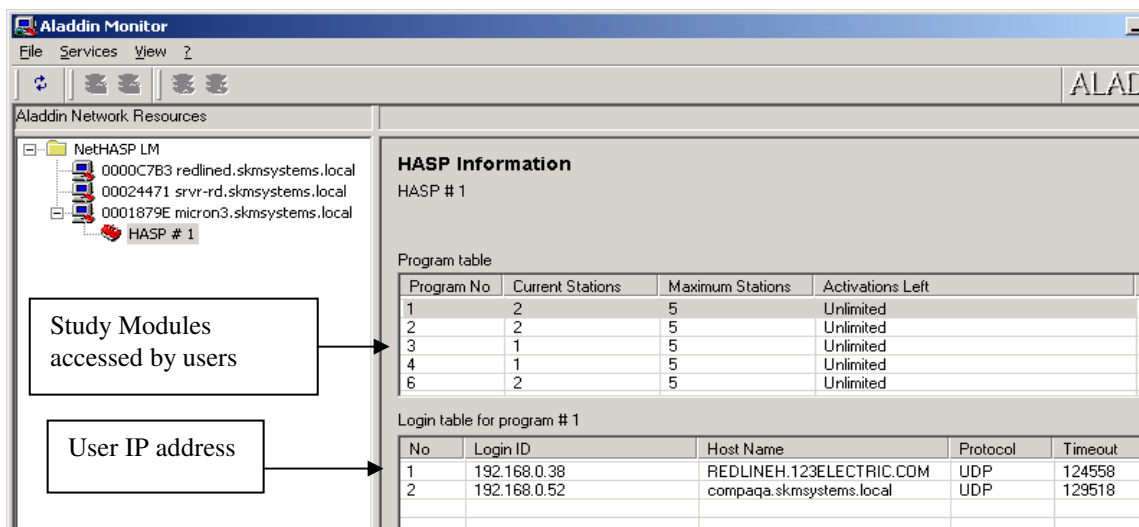


2. The Monitor Window appears:



The Monitor program displays the selected License Manager information

3. The monitor program displays the list of users accessing the network HASP hardware key.



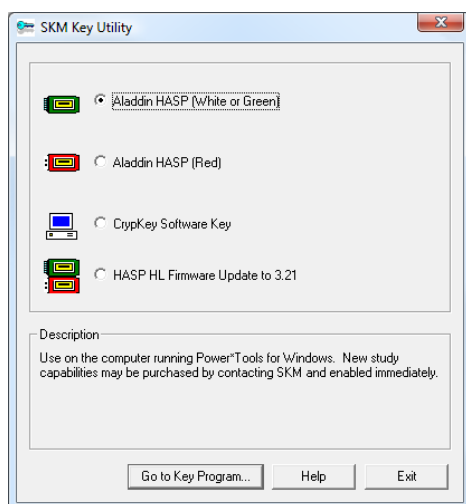
The following table contains the program number along with the corresponding study module.

Program No.	Module Name
3	PTW // base functionality
4	PTW_DAPPER // demand load, sizing, load flow, short circuit
5	PTW_TMS
6	PTW_AFAULT
7	PTW_IEC_FAULT
8	PTW_CAPTOR
9	PTW_HIWAVE
10	PTW_ISIM
11	PTW_DEVEVAL
12	PTW_UNBALANCED
13	PTW_RELIABILITY
14	PTW_GRNDMAT
15	PTW_ARC_FLASH
16	PTW_IEC61363
17	PTW_BATTERY
18	PTW_DC_LF
19	PTW_DC_SC
20	PTW_CABLE3D
21	PTW_DMSLF
22	ARC_CALC
13	IEE_WIRING

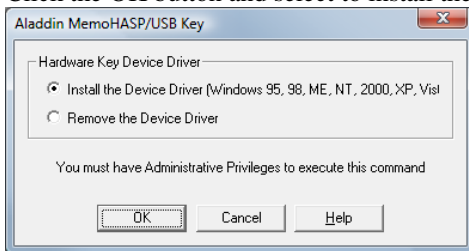
What if I Want to Use the Network Key Temporarily as a Local Key?

Occasionally you might want to use the network hardware key locally—for example, if you have a laptop computer and want to take the key home. You can install PTW on the computer as you normally would, but once PTW is installed you will need to install the standalone driver for the hardware key.

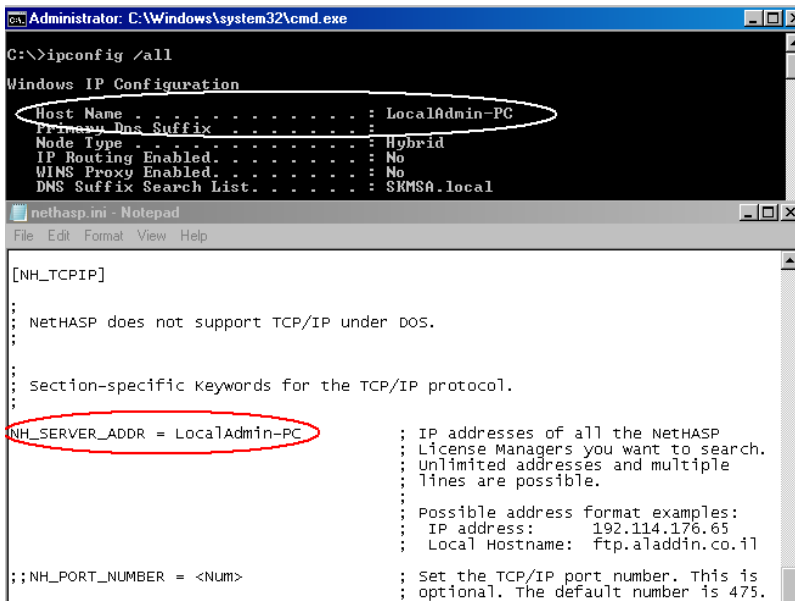
1. To do so, after you have installed PTW on the computer, click the **Key Utility** program in the Power*Tools group. The following dialog box will appear:



2. Select **Aladdin MemoHASP (White or Green)** and click the **Go to Key Program** button. (Even though the icon shows a white key or green USB key, you need to choose this option so the standalone driver will be installed.)
3. Click the OK button and select to install the driver.



4. When the drivers are finished, you will need to install and activate the License Manager. Refer to page 5 for complete instructions.
5. Configure C:\PTW32\bin\nethasp.ini. If you are connected to a DHCP server, you can use the IP address of your local machine. Otherwise, configure your **Computer Host Name** as the server address. Refer to page 10 for complete instructions.



6. Start PTW32 and when prompted, select "Network Hardware Key".

