

Installing a Red Hardware Key as a Local Key:

Note: If you have a USB key and the light is flashing, run PTW32\Bin\firmwareupdate.exe before proceeding.

1. Install the hardware key driver on the computer where the hardware key is attached. The driver can be found in PTW32\bin\HASPUserSetup.exe.
2. Make sure the Aladdin License Manger is installed and running on the computer where the hardware key is attached. The License Manager installer can be found in PTW32\Bin\lmsetup.exe. After it has been installed, make sure that the License Manager is running in the task bar:



3. Properly configure the nethasp.ini file in the PTW32\bin folder:

Remove semi-colons for these lines

A screenshot of the 'nethasp.ini' file in Notepad. The file contains configuration settings for the HASP License Manager. Several lines are highlighted with red boxes: 'NH_TCPIP = Enabled', 'NH_SERVER_ADDR = 123.456.789.01', 'NH_USE_BROADCAST = Disabled', and 'NH_TCPIP_METHOD = UDP'. A red arrow points to the IP address '123.456.789.01' with the text 'Type in your IP address or the Host Name'. A black arrow points to the highlighted lines with the text 'Remove semi-colons for these lines'. The file content is as follows:

```
nethasp.ini - Notepad
File Edit Format View Help
; NETHASP Configuration file syntax.
;
; Note:
; All text lines were commented.
; Remove comments in the lines you want to use.
[NH_COMMON]
NH_TCPIP = Enabled ; Use the TCP/IP protocol
[NH_TCPIP]
NH_SERVER_ADDR = 123.456.789.01 ; IP addresses of all the NETHASP
; License Managers you want to search.
; Unlimited addresses and multiple
; lines are possible. Place commas to
; separate multiple IP addresses.
; Possible address format examples:
; IP address: 192.114.176.65
; Local Hostname: ftp.aladdin.co.il
NH_USE_BROADCAST = Disabled ; Use TCPI/IP Broadcast mechanism.
; Default: Enabled
NH_TCPIP_METHOD = UDP ; Send a TCP packet or UDP packet
; Default: UDP
;;NH_SERVER_NAME = <Name1>, <Name2>, ; Communicate with the NETHASP
; Server with the specified name.
; Maximum: 6 names, up to 7
; case-insensitive characters each.
;;NH_PORT_NUMBER = <Num> ; Set the TCP/IP port number. This is
; optional. The default number is 475.
```

Your IP address and Host Name can be obtained by clicking on your Start Button > Run. Type in 'cmd'. In the command prompt, type in ipconfig /all

```
Administrator: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.0.6001]
Copyright (c) 2006 Microsoft Corporation. All rights reserved.

C:\Users\>ipconfig /all

Windows IP Configuration

Host Name . . . . . : SKM01
Primary Dns Suffix . . . . . : SKMSA.local
Node Type . . . . . : Broadcast
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
DNS Suffix Search List. . . . . : SKMSA.local

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . : SKMSA.local
Description . . . . . : Intel(R) 82562U-2 10/100 Network Connecti
on
Physical Address. . . . . : 00-1D-09-81-A0-AD
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . . : Yes
IPv4 Address. . . . . : 192.168.30.47<Preferred>
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : Wednesday, August 20, 2008 10:33:02 AM
Lease Expires . . . . . : Thursday, August 28, 2008 10:33:02 AM
Default Gateway . . . . . : 192.168.30.1
DHCP Server . . . . . : 192.168.30.1
DNS Servers . . . . . : 192.168.30.1
Primary WINS Server . . . . . : 192.168.30.1
NetBIOS over Tcpip. . . . . : Enabled
```

4. Run PTW32\bin\RegDel.exe and select "All settings in the registry for PTW" and click OK. Start PTW32 and select "Network Hardware Key". Login with the study modules that you have purchased. If you are unsure if the modules that you have purchased, you can check by running Start > Programs > Power*Tools for Window v6.5 > Key – Network Hardware.