

Using the Configuration Menu

Tools > Admin

The screenshot shows the configuration interface for a D-Link DI-824VUP router. The page title is "AirPlus Xtreme G+ High-Speed 2.4GHz Wireless Router". The navigation menu includes "Home", "Advanced", "Tools" (selected), "Status", and "Help". The "Tools" menu is expanded to show "Admin", "Time", "System", "Firmware", and "Misc".

The "Admin" section is titled "Administrator Settings" and contains the following fields:

- Administrator (The Login Name is "admin")**
 - New Password: [password field]
 - Reconfirm Password: [password field]
- User (The Login name is "user")**
 - New Password: [password field]
 - Reconfirm Password: [password field]

The "Remote Management" section is titled "Remote Management" and contains the following fields:

- Let administrator perform administration task from remote host.
 - Enabled Disabled
 - IP Address: [0.0.0.0]
 - Port: [8080]

At the bottom right, there are three buttons: "Apply" (green checkmark), "Cancel" (orange X), and "Help" (red plus).

You can change the administrator and user passwords here. It is recommended that you change the administrator password from the default setting. The default password is blank (nothing).

Password

To change the administrator or user password, enter in the old password and enter the new password twice to confirm.

Remote Management

Remote Management allows the device to be configured through the WAN (Wide Area Network) port from the Internet using a web browser. A username and password is still required to access the browser-based management interface.

IP Address

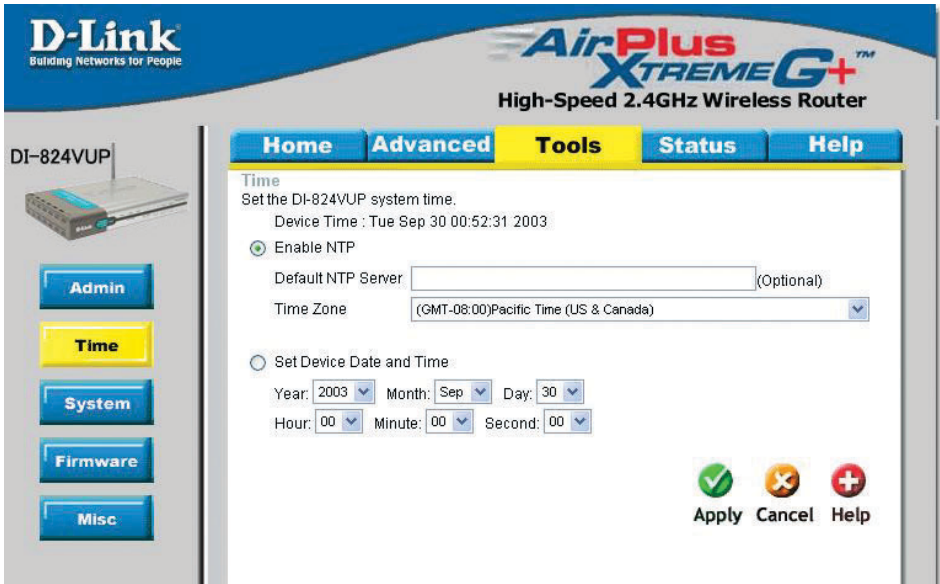
Internet IP Address of the computer that has access to the DI-824VUP. If the IP Address is set to 0.0.0.0, this allows all Internet IP addresses to access the DI-824VUP.

Port

The port number used to access the DI-824VUP. Example: `http://x.x.x.x:8080`, where x.x.x.x is the WAN IP address of the DI-824VUP+ and 8080 is the port used for the Web Management interface.

Using the Configuration Menu

Tools > Time



You will need to set the time zone corresponding to your location. The time can be set manually or the device can connect to a NTP (Network Time Protocol) server to retrieve the time.

Enable NTP

(Network Time Protocol). Select to synchronize the time on the DI-824VUP to an NTP server.

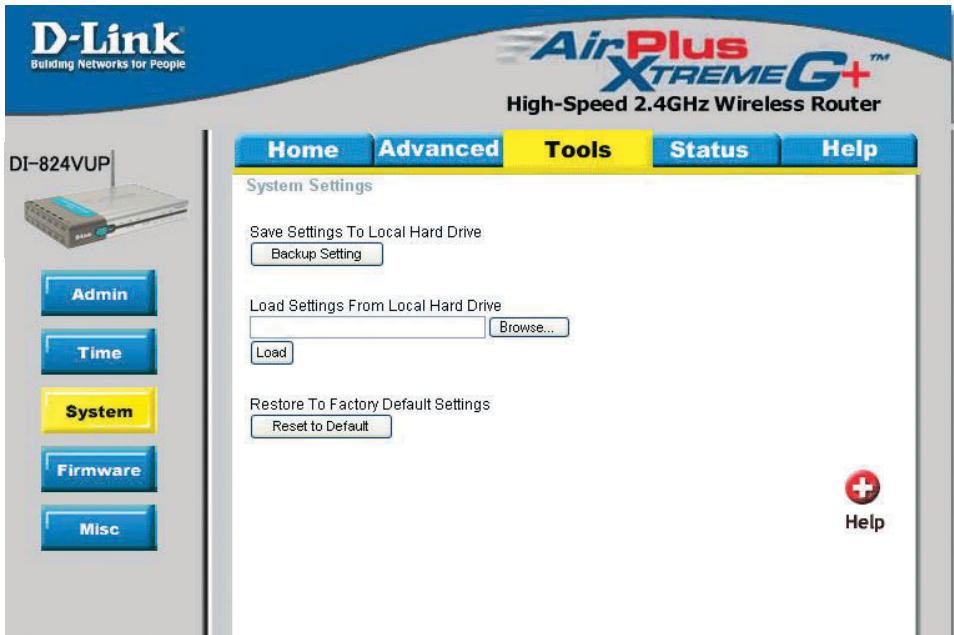
Set Device Date and Time

You can manually set the time on your network here.

NTP is short for **Network Time Protocol**, an Internet standard protocol that assures accurate synchronization to the millisecond of computer clock times in a network of computers.

Using the Configuration Menu

Tools > System



The current system settings can be saved as a file onto the local hard drive. The saved file or any other saved setting file created by the DI-824VUP can be uploaded into the unit. To reload a system settings file, click on “Browse” to search the local hard drive for the file to be used. The device can also be reset back to factory default settings by clicking on “Reset to Default” button. Use the restore feature only if necessary. This will erase previously saved settings for the unit. Make sure to save your system settings before doing a factory restore.

Save Settings to Local Hard Drive

Click **Save** to save the current settings to the local Hard Drive.

Load Settings from Local Hard Drive

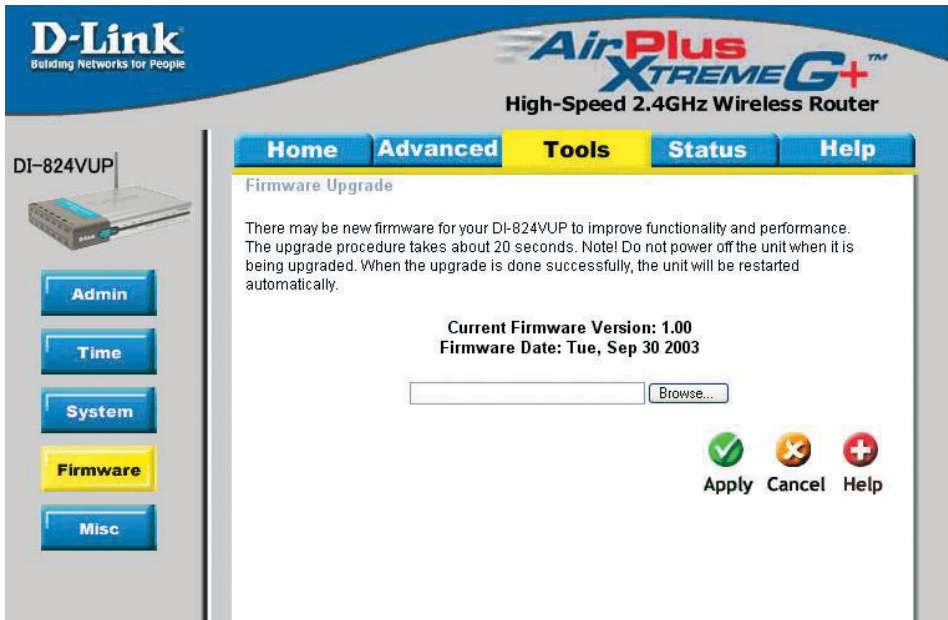
Click **Browse** to find the settings file, then click **Load**.

Restore to Factory Default Settings

Click **Restore** to restore the factory default settings.

Using the Configuration Menu

Tools > Firmware



You can upgrade the firmware of the device using this tool. Make sure that the firmware you want to use is saved on the local hard drive of the computer. Click on "Browse" to search the local hard drive for the firmware to be used for the update. Upgrading the firmware will not change any of your system settings but it is recommended that you save your system settings before doing a firmware upgrade. Please check the D-Link support site for firmware updates at <http://support.dlink.com>.

Browse

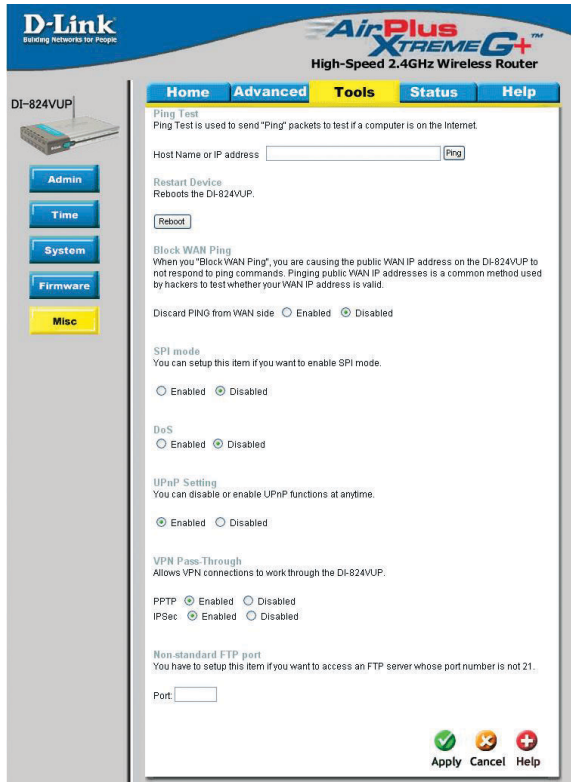
After you have downloaded the new firmware, click **Browse** in this window to locate the firmware update on your hard drive. Click **Apply** to complete the firmware upgrade.



Note! Do not power off the unit when it is being upgraded. When the upgrade is complete, the unit will be restarted automatically.

Using the Configuration Menu

Tools > Misc



Ping Test

In the open box, enter in a URL (i.e., www.dlink.com) or an IP address and click on Ping to test your internet connection.

Restart Device

Click Reboot to restart the unit.

Block WAN Ping

Click **Enable** to block the WAN ping. Computers on the Internet will not get a reply back from the DI-824VUP when it is being “ping”ed. This may help to increase security.

SPI Mode

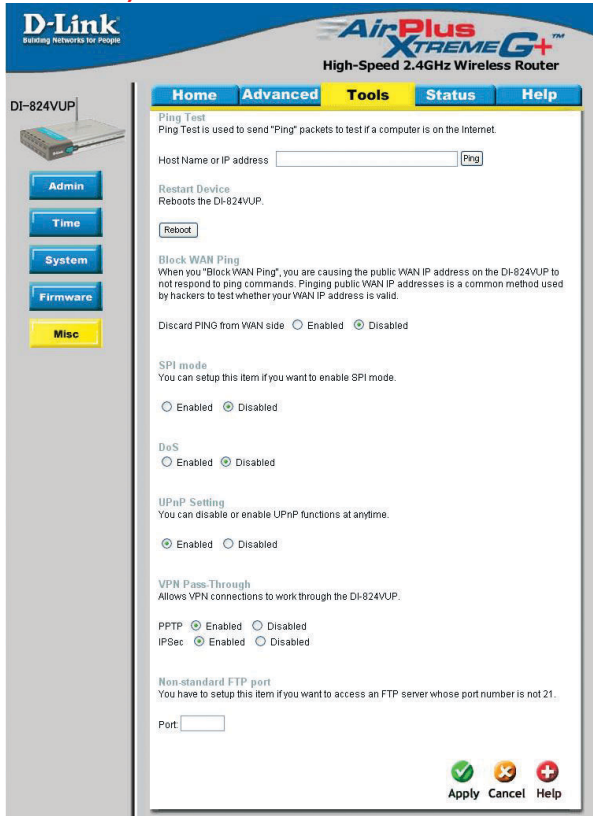
When this feature is enabled, the router will record the packet information passed through the router such as IP address, port address, ACK, SEQ number, and so on. The router will also check every incoming packet to detect if it is valid.

DoS

When DoS is enabled, the router will prevent Denial of Service attacks on all computers connected to the DI-824VUP.

Using the Configuration Menu

Tools > Misc (Continued)



UPnP

UPnP is short for **Universal Plug and Play** which is a networking architecture that provides compatibility among networking equipment, software, and peripherals. The DI-824VUP is a UPnP enabled router and will only work with other UPnP devices/softwares. If you do not want to use the UPnP Functionality, it can be disabled by selecting “Disabled”.

VPN Pass-Through

The device supports VPN (Virtual Private Network) pass-through for both PPTP (Point-to-Point Tunneling Protocol) and IPsec (IP Security). Once VPN pass-through is enabled, there is no need to open up virtual services. Multiple VPN connections can be made through the device. This is useful when you have many VPN clients on the LAN.

Non-standard FTP port

If an FTP server you want to access is not using the standard port 21, then enter in the port number that the FTP server is using instead.

Using the Configuration Menu

Status > Device Info

D-Link
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AirPlus Xtreme G+
High-Speed 2.4GHz Wireless Router

DI-824VUP

Device Info

Log

Stats

Wireless

Home Advanced Tools **Status** Help

Device Information

Firmware Version: 1.00, Tue, Sep 30 2003

LAN

MAC Address 00-80-C8-23-5C-9F
IP Address 192.168.0.1
Subnet Mask 255.255.255.0
DHCP Server Enabled

WAN

MAC Address 00-80-C8-23-5C-9E
Connection DHCP Connecting...
DHCP Renew DHCP Release

Remaining Lease Time 00:00:00
IP Address 0.0.0.0
Subnet Mask 0.0.0.0
Gateway 0.0.0.0
Domain Name Server 0.0.0.0

Wireless

MAC Address 00-80-C8-23-5C-9F
ESSID default
WEP Disable
Channel 6

Peripheral

Printer(DB25) Not ready
Printer(USB0) Not ready

Device Time: Tue Sep 30 00:56:43 2003

Help

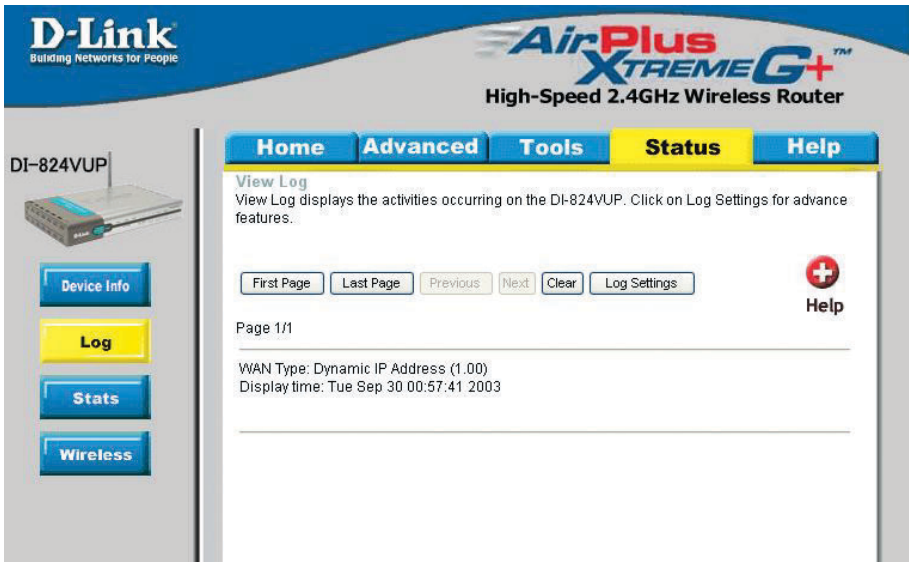
This screen displays information about the DI-824VUP such as WAN, LAN, and Wireless status.

DHCP Renew Use this button to reconnect to your ISP, if your WAN connection is set up for DHCP.

DHCP Release Use this button to disconnect from your ISP, if your WAN connection is set up for DHCP.

Using the Configuration Menu

Status > Log



This screen displays activities occurring on the DI-824VUP.

- First Page** Click **First Page** to go to the first page of the log.
- Last Page** Click **Last Page** to go to the last page of the log.
- Previous** Click **Previous** to go to the previous page of the log.
- Next** Click **Next** to go to the next page of the log.
- Clear** Click **Clear** to clear the current page of the log.
- Log Settings** Click for advanced features (see next page).

Using the Configuration Menu

Status > Log > Log Settings

The screenshot shows the configuration interface for a D-Link AirPlus Xtreme G+ High-Speed 2.4GHz Wireless Router. The interface is in the 'Status' tab, specifically the 'Log Settings' section. On the left, there is a sidebar with a device image and buttons for 'Device Info', 'Log', 'Stats', and 'Wireless'. The main content area has a title 'Log Settings' and a subtitle 'Logs can be saved by sending it to an admin email address or to a syslog server.' Below this, there are two main sections: 'E-mail Alert' and 'Syslog'. The 'E-mail Alert' section includes fields for 'SMTP Server / IP Address', 'Email Address', and 'E-mail Subject', along with a 'Send Mail Now' button. The 'Syslog' section includes a 'Syslog Server IP Address' field (pre-filled with '192.168.0.'), radio buttons for 'Enabled' and 'Disabled', and a 'Log Type' section with checkboxes for 'System Activity', 'Debug Information', 'Attacks', 'Dropped Packets', and 'Notice'. At the bottom right, there are three buttons: 'Apply' (with a green checkmark), 'Cancel' (with a red X), and 'Help' (with a red plus sign).

E-Mail Alert

The DI-824VUP can be set up to send the log files to a specific email address.

SMTP Server IP

Enter in the IP address of the mail server.

Email Address

Enter in the email address of the recipient who will receive the email log.

Send Mail Now

Click to send mail immediately.

IP Address of the Syslog Server

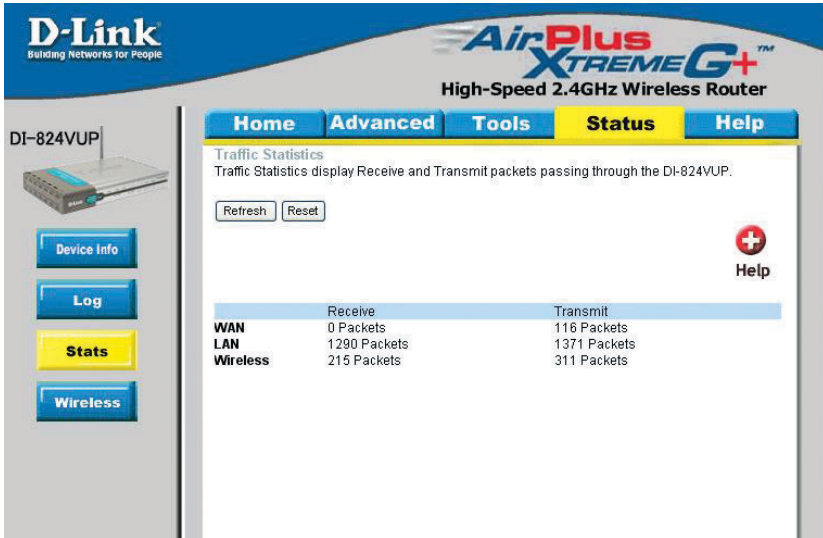
Enter in the IP address of a syslog server within the network. Click **Enable** to activate the policy. The DI-824VUP will send all of it's logs to the specified syslog server.

Log Type

Select the types of activity to log. By default, all values are selected.

Using the Configuration Menu

Status > Stats



In the Stats section, traffic statistics are displayed.

Refresh

This will update the page.

Reset

This will reset the packet counter to zero.

WAN

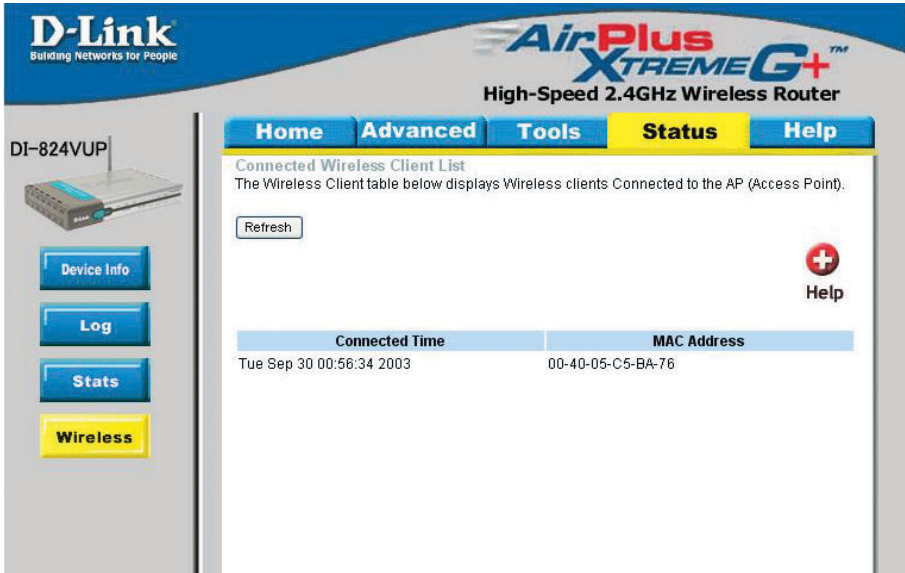
Displays Received / Transmitted packets from the WAN port.

LAN

Displays Received / Transmitted packets from the LAN port.

Using the Configuration Menu

Status > Wireless



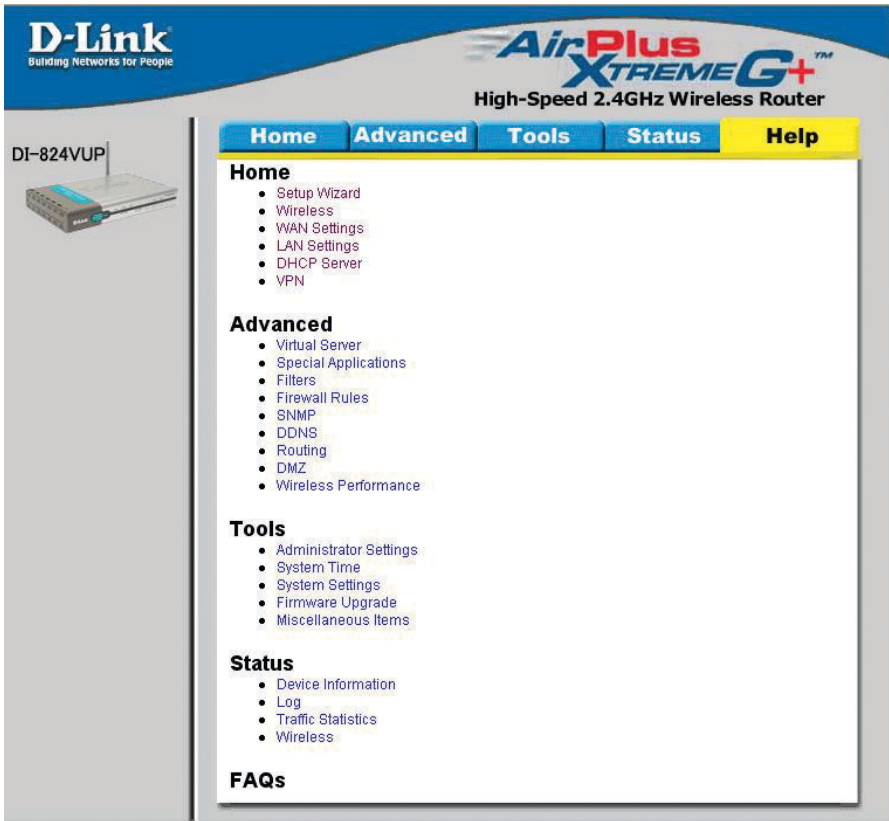
The screenshot shows the configuration interface for a D-Link AirPlus Xtreme G+ High-Speed 2.4GHz Wireless Router. The page is titled "DI-824VUP" and features a navigation menu with "Home", "Advanced", "Tools", "Status", and "Help". The "Status" menu is selected, and the "Wireless" sub-menu is active. The main content area displays the "Connected Wireless Client List" with a "Refresh" button and a "Help" icon. A table shows the connection time and MAC address of the connected wireless clients.

Connected Time	MAC Address
Tue Sep 30 00:58:34 2003	00-40-05-C5-BA-76

This screen displays the connection time and the MAC Address of the connected wireless clients. Click on **Refresh** for the most recent information.

Using the Configuration Menu

Help



The screenshot displays the configuration interface for a D-Link DI-824VUP router. The top navigation bar includes tabs for Home, Advanced, Tools, Status, and Help, with the Help tab highlighted in yellow. The main content area is organized into sections: Home, Advanced, Tools, Status, and FAQs. Each section contains a list of links to various configuration and status pages.

D-Link
Building Networks for People

AirPlus XtremeG+
High-Speed 2.4GHz Wireless Router

DI-824VUP

Home

- Setup Wizard
- Wireless
- WAN Settings
- LAN Settings
- DHCP Server
- VPN

Advanced

- Virtual Server
- Special Applications
- Filters
- Firewall Rules
- SNMP
- DDNS
- Routing
- DMZ
- Wireless Performance

Tools

- Administrator Settings
- System Time
- System Settings
- Firmware Upgrade
- Miscellaneous Items

Status

- Device Information
- Log
- Traffic Statistics
- Wireless

FAQs

This screen displays the complete **Help** menu. For help at anytime, click the **Help** tab in the Configuration menu.

Installing the Print Server Software

Insert the installation CD-ROM into the CD-ROM drive. The following window will be shown automatically. If it is not, please run “autorun.exe” on the CD-ROM.

Click Install Print Server Software



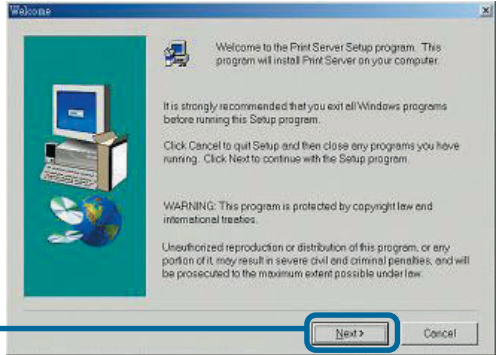
Select your Windows operating system



Installing the Print Server Software (continued)

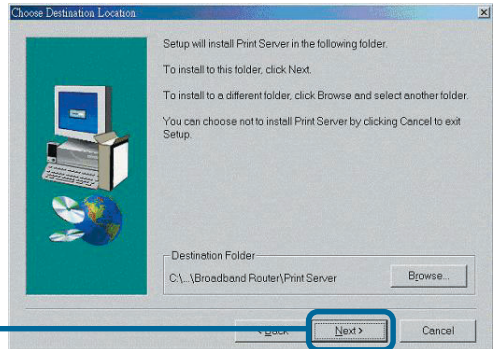
Wait until the following **Welcome** dialog appears.

Click **Next**



Select the destination folder.

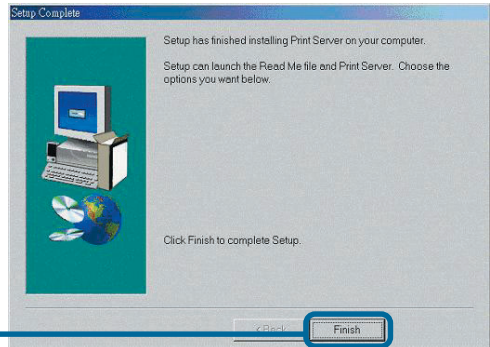
Click **Next**



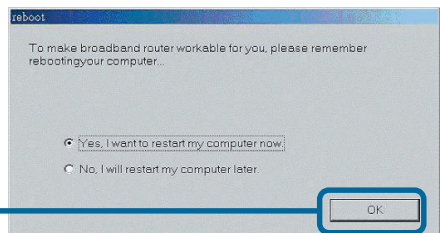
Then, the setup program will begin to install the programs into the destination folder.

When the following window is displayed.

Click **Finish**



Click **OK**



After rebooting your computer, the software installation procedure is finished.

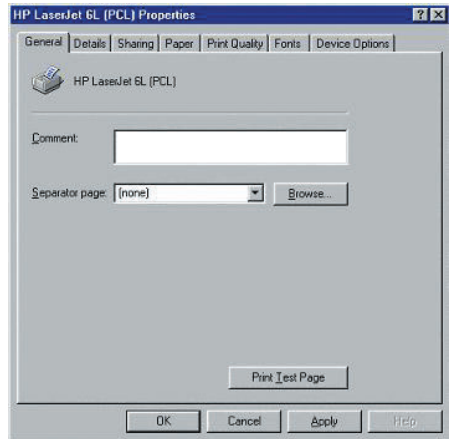
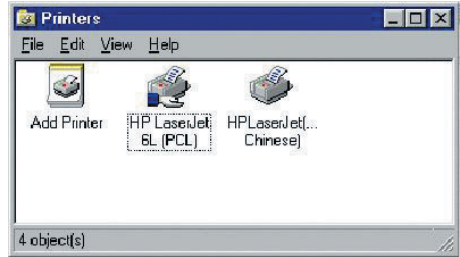
Configuring on Windows 98se/Me Platforms

After you finish the software installation procedure, your computer will be capable of network printing provided by the DI-824VUP. For convenience, we call the printer connected to the printer port of the DI-824VUP a *printer server*. On a Windows 95/98 platform, open the **Printers** window in the **My Computer** menu.

Now, you can configure the print server of the DI-824VUP:

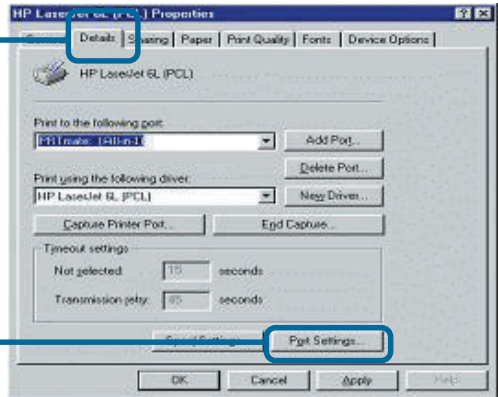
Find out the corresponding icon of your *printer server*, for example, the **HP LaserJet 6L**. Right click on that icon, and then select **Properties**.

The following screen appears:



Click on the **Details** tab

Choose the "PRTmate: (All-in-1)" from the list attached at the **Print To** item. Be sure that the **Printer Driver** item is configured to the correct driver of your *printer server*.



Click **Port Settings**

Type in the IP address of the DI-824VUP.

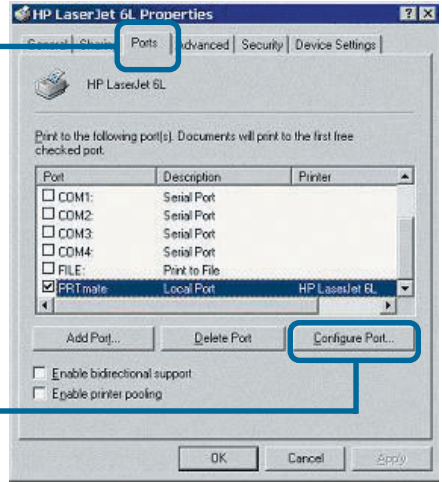


Click **OK**

Configuring on Windows 2000/XP Platforms

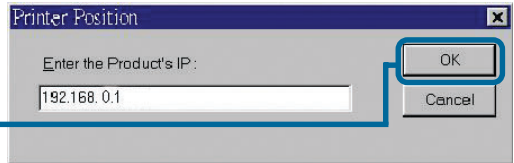
Click Port

The configuration procedure for a Windows 2000/XP platform is similar to that of Windows 95/98 except the screen of printer *Properties*.



Click Configure Port

Type in the IP address of the DI-824VUP.



Click OK

(Note: Screen shots are taken in Windows 2000, similar screens will appear in Windows XP.)

Networking Basics

Using the Network Setup Wizard in Windows XP

In this section you will learn how to establish a network at home or work, using **Microsoft Windows XP**.

Note: Please refer to websites such as <http://www.homenethelp.com> and <http://www.microsoft.com/windows2000> for information about networking computers using Windows 2000, ME or 98.

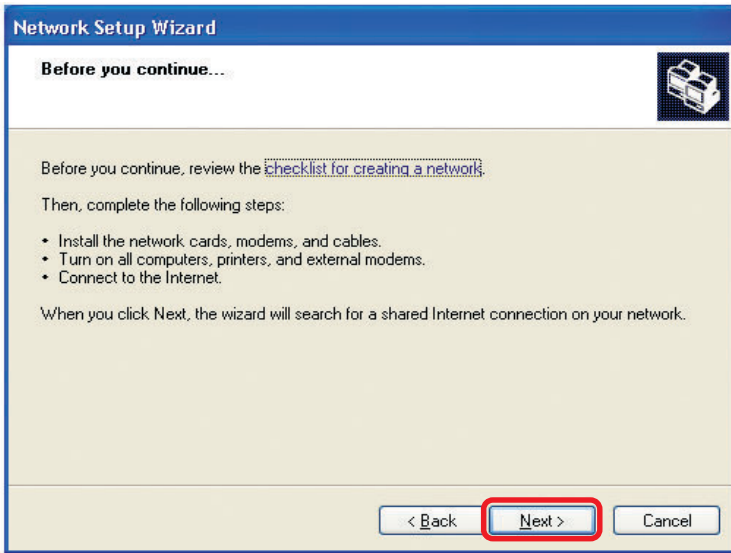
Go to **Start > Control Panel > Network Connections**
Select **Set up a home or small office network**



When this screen appears, **Click Next.**

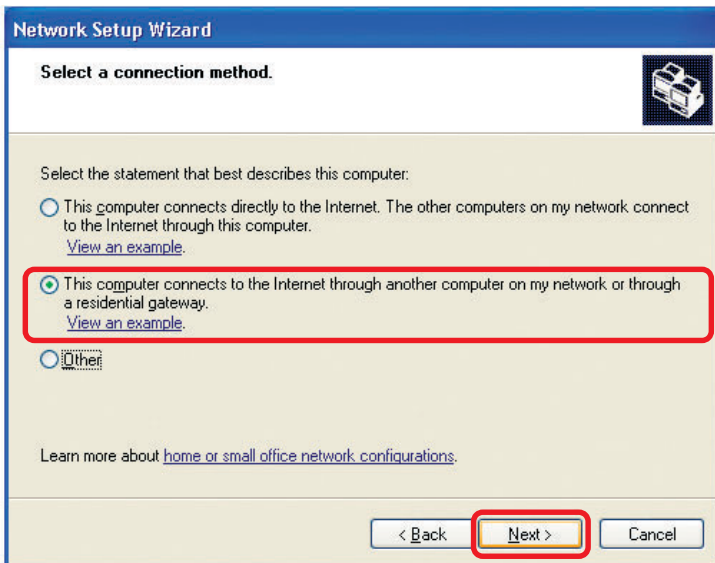
Networking Basics

Please follow all the instructions in this window:



Click **Next**.

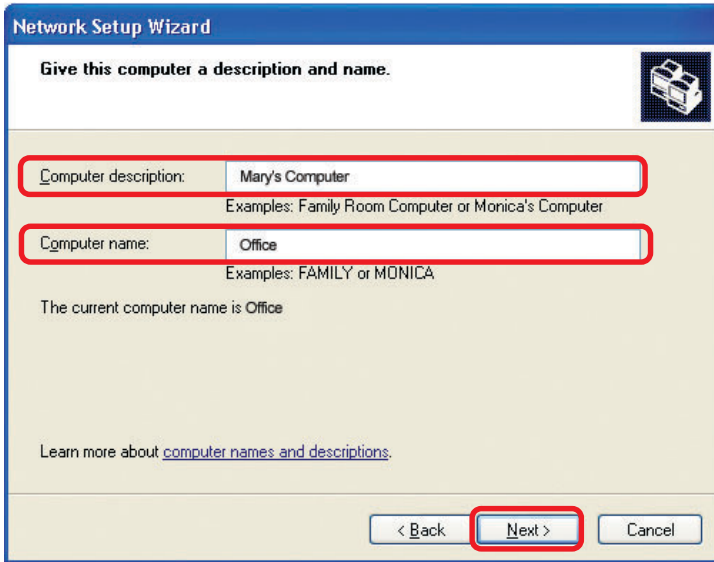
In the following window, select the best description of your computer. If your computer connects to the internet through a gateway/router, select the second option as shown.



Click **Next**.

Networking Basics

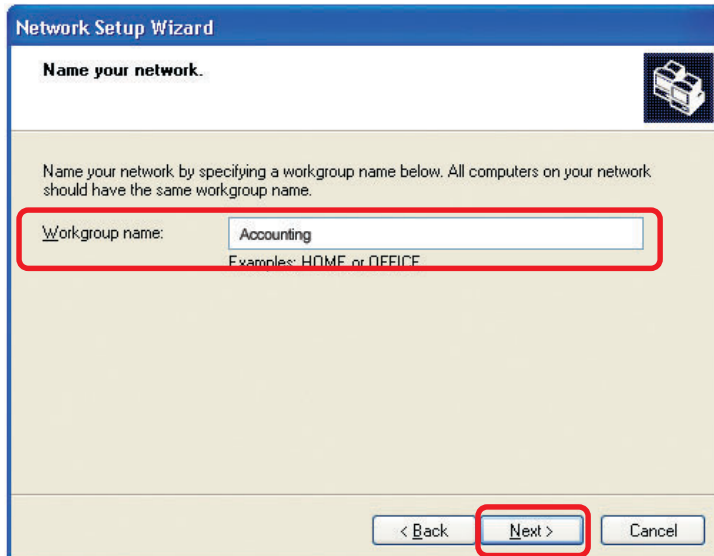
Enter a **Computer description** and a **Computer name** (optional).



The screenshot shows the 'Network Setup Wizard' window with the title 'Give this computer a description and name.' The window contains two text input fields. The first field is labeled 'Computer description:' and contains the text 'Mary's Computer'. Below it, there are examples: 'Examples: Family Room Computer or Monica's Computer'. The second field is labeled 'Computer name:' and contains the text 'Office'. Below it, there are examples: 'Examples: FAMILY or MONICA'. Below the fields, it says 'The current computer name is Office'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a red box.

Click **Next**.

Enter a **Workgroup** name. All computers on your network should have the same **Workgroup** name.

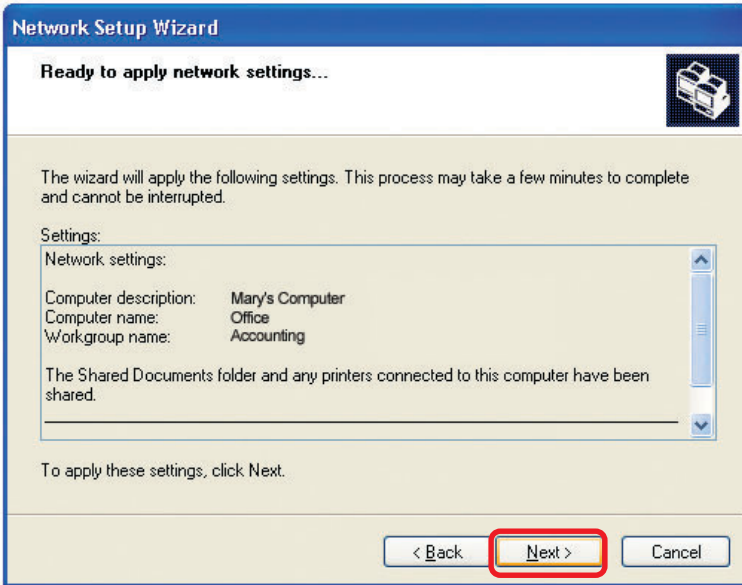


The screenshot shows the 'Network Setup Wizard' window with the title 'Name your network.' The window contains a text input field labeled 'Workgroup name:' which contains the text 'Accounting'. Below it, there are examples: 'Examples: HOME or OFFICE'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a red box.

Click **Next**.

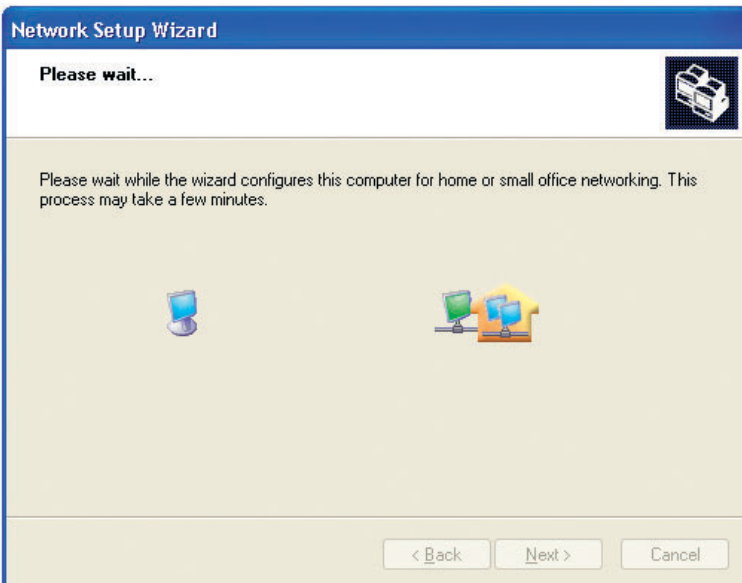
Networking Basics

Please wait while the **Network Setup Wizard** applies the changes.



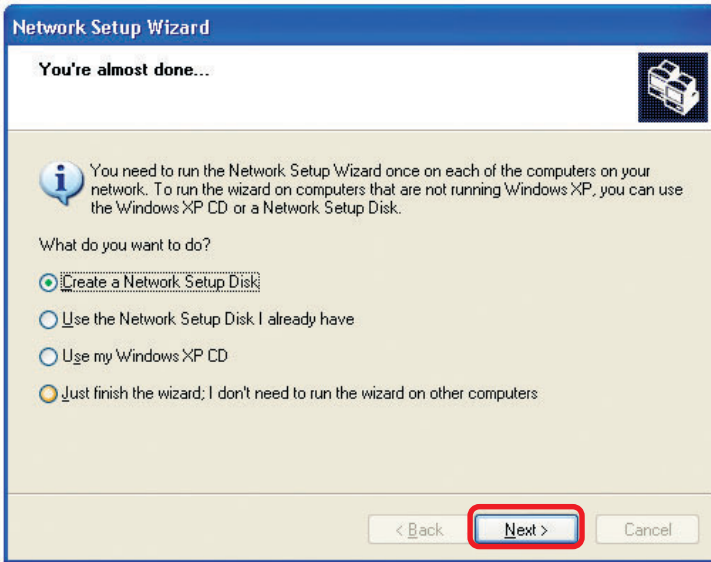
When the changes are complete, click **Next**.

Please wait while the **Network Setup Wizard** configures the computer. This may take a few minutes.

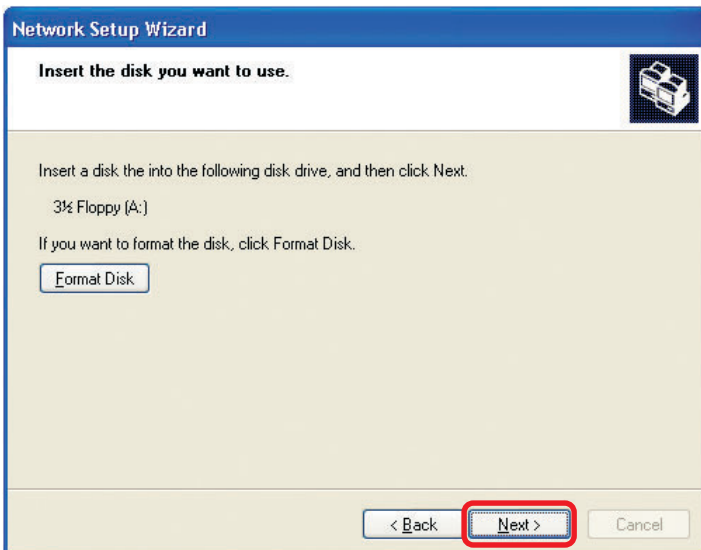


Networking Basics

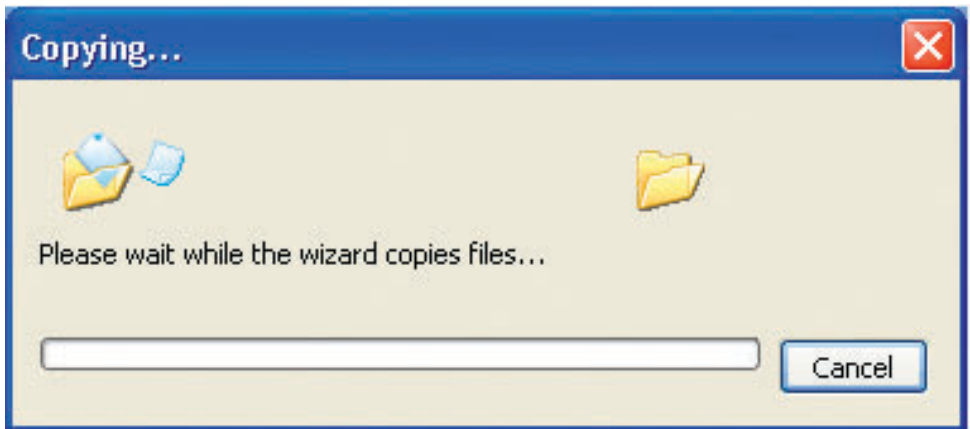
In the window below, select the option that fits your needs. In this example, **Create a Network Setup Disk** has been selected. You will run this disk on each of the computers on your network. Click **Next**.



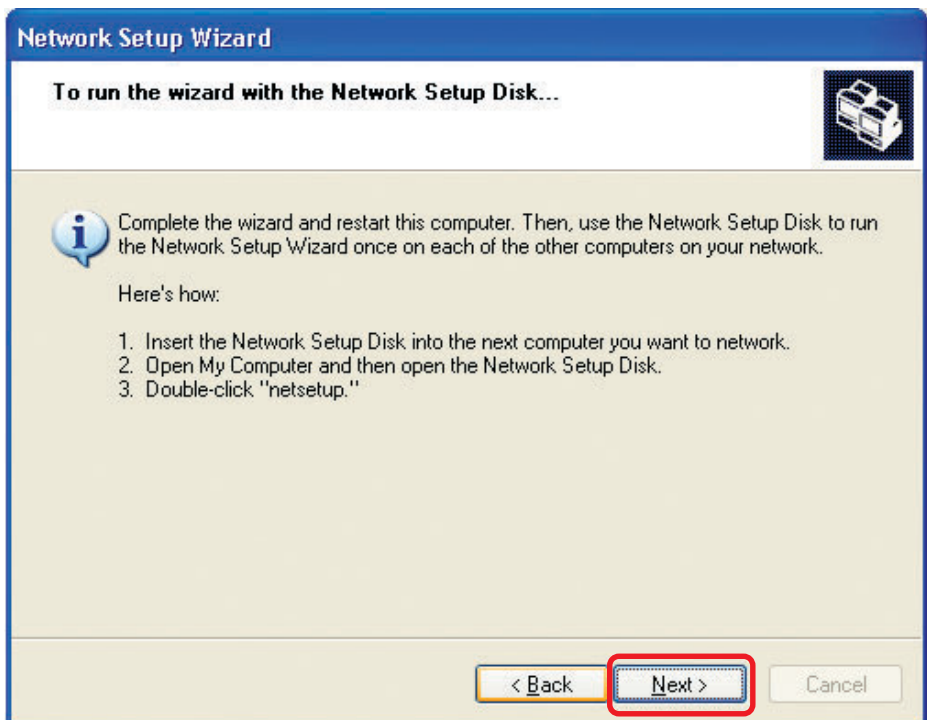
Insert a disk into the Floppy Disk Drive, in this case drive **A**.



Networking Basics

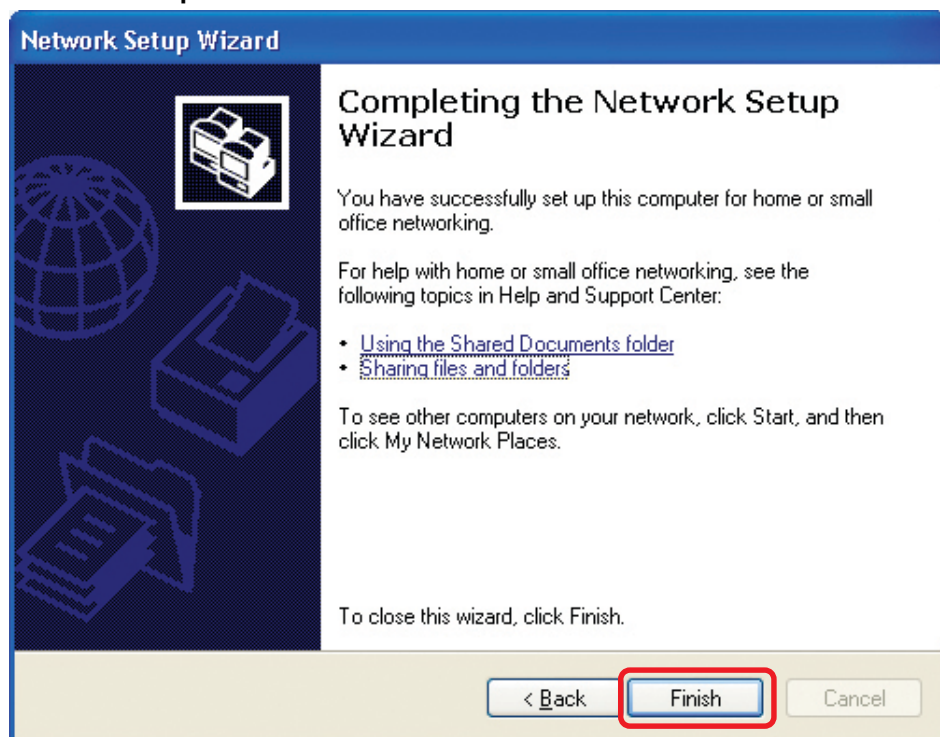


Please read the information under **Here's how** in the screen below. After you complete the **Network Setup Wizard** you will use the **Network Setup Disk** to run the **Network Setup Wizard** once on each of the computers on your network. To continue click **Next**.

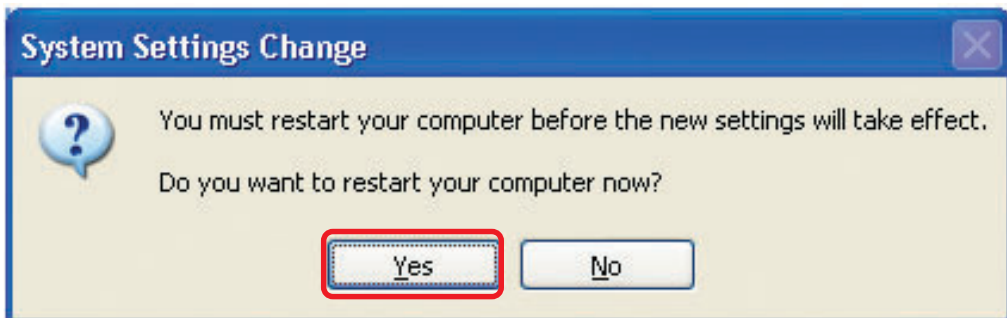


Networking Basics

Please read the information on this screen, then click **Finish** to complete the **Network Setup Wizard**.



The new settings will take effect when you restart the computer. Click **Yes** to restart the computer.



You have completed configuring this computer. Next, you will need to run the **Network Setup Disk** on all the other computers on your network. After running the **Network Setup Disk** on all your computers, your new wireless network will be ready to use.