

## Reboot Router

Click Reboot if you need to restart the router. Its current settings will be retained.

**Reboot**

5. After the router reboots and the LEDs on the router have stabilized, if you still cannot access the Internet, please start at the beginning of this tutorial to determine if there is a new point of failure. It's possible that your wireless connection needs to be re-established.
6. If the router still does not have an IP address after repeating this tutorial, the problem may be with the cable/DSL modem or your ISP. Please contact your ISP's Customer Support.

[Return to Troubleshooting page](#)





- Home
- Installation
- Configuration
  - Tutorials
  - Help

## I cannot achieve 270 Mbps connections to the router.

### Solution 1:

Make sure the wireless products you are using to connect to the Wireless **Nd<sub>1</sub>** Router support 270 Mbps speeds.

### Solution 2:

See [I am experiencing poor wireless link quality.](#)

[Return to Troubleshooting page.](#)



---

© 2006 U.S. Robotics Corporation



- Home
- Installation
- Configuration
  - Tutorials
  - Help

## I do not know if my IP address from my ISP is Static or Dynamic.

### Solution:

If you have cable or DSL service, you most likely have a Dynamic IP address. You should always check with your Internet service provider to verify this information, since some providers will assign Static IP addresses.

If you have a Dynamic IP address, make sure you have selected **Cable, DSL router, satellite, ISDN, LAN, or other** in the **Internet** area of the configuration pages, and the Wireless **Nd<sub>1</sub>** Router will automatically obtain the information it needs from your service provider.

A screenshot of a router's status display, showing a message in a white box with a black border and a jagged bottom edge. The text inside the box reads: "The router has **connected** to your ISP." The word "connected" is in bold.

The router has **connected** to your ISP.

If you have a Static IP address, select the checkbox in the **Static IP Address** area and then enter the appropriate information. Depending on the information that was supplied by your ISP, you may not need to fill in all of the fields.

## Static IP Address

☒ My ISP provided an IP address for my Internet connection (such as "210.123.1.54").

Static IP address:

Subnet mask:

Gateway:

DNS servers:

WINS servers:

If you are using PPPoE, you must select **DSL modem (also known as PPPoE)** in the Internet area of the configuration pages and enter the appropriate information.

☐ Cable, DSL router, satellite, ISDN, LAN, or other

☒ DSL modem (also known as PPPoE)

Refer to the Internet area of the [Internet](#) section for more detailed information about these different settings.

[Return to Troubleshooting page](#)





---

© 2006 U.S. Robotics Corporation



- Home
- Installation
- Configuration
  - Tutorials
  - Help

## I can't connect to the router configuration pages.

### Solution:

Verify the connection settings of your Web browser and ensure that the HTTP Proxy feature of your Web browser is disabled. This is necessary for the Web browser to read your Wireless **Nd<sub>1</sub>** Router's configuration pages.

### Internet Explorer users:

1. Click **Tools** > **Internet Options**, and select the **Connections** tab.
2. Select **Never dial a connection**, then click **Apply**.
3. Click **OK**.
4. Click **Tools** > **Internet Options**, and select the **Connections** tab again.
5. Click the **LAN Settings** button.

6. Clear all the check boxes and click **OK**.
7. Click **OK** again.

### **Netscape Navigator 8.x users:**

1. Click **Tools > Options > General**.
2. Click the **Connection Settings** button.
3. Select **Direct connection to the Internet**, and then click **OK**.

[Return to Troubleshooting page](#)







- Home
- Installation
- Configuration
  - Tutorials
  - Help

## My router configuration pages are not responding, but I can still access the Internet.

### Solution:

If your router configuration pages stop responding, unplug and then plug back in the power supply of the Wireless **Nd<sub>1</sub>** Router. This will reboot the Wireless **Nd<sub>1</sub>** Router. If you are still unable to communicate with the router configuration pages, press in and hold the **Reset** button for 7 seconds. This will reset the Wireless **Nd<sub>1</sub>** Router to the factory default settings. If you made any personal configuration settings, you will need to make the changes again or restore your settings if you created a backup file.

[Return to Troubleshooting page](#)





- Home
- Installation
- Configuration
  - Tutorials
  - Help

## My router is not responding after I performed a firmware upgrade.

### Solution 1:

It is possible that the upgrade process did not complete before you attempted to access the router configuration pages. Wait two minutes and then try to access the router configuration pages again.

### Solution 2:

Unplug and then plug back in the power supply of the Wireless **Nd<sub>1</sub>** Router. This will reboot the Wireless **Nd<sub>1</sub>** Router. Wait for 30 seconds before you attempt to access the configuration pages of the Wireless **Nd<sub>1</sub>** Router.

### Solution 3:

Press in and hold the **Reset** button for between five and ten seconds. This will reset the Wireless **Nd**<sub>1</sub> Router to the factory default settings. If you applied any personal configuration settings, you will need to make the changes again.

#### **Solution 4:**

You may need to [release and renew](#) the connection of your computer to the router.

#### **Solution 5:**

Check the file size of the firmware file to verify that the entire file downloaded correctly.

**Note:** The computer that you use for this procedure must be attached to the router using a network cable.

[Windows XP, 2000, and NT users, perform this procedure.](#)

[Windows Me, 98, and 95 users, perform this procedure](#)

#### **Windows XP, 2000, and NT users:**

Perform the following steps to manually install the router's firmware.

1. Write down the path to the folder where you saved the firmware file.

**Example:** *C:\networking\*

2. Go to Windows **Start** > **Control Panel** > **Network Connections**.
3. Right-click the **Local Area Connection** of the network connection that connects the computer to your router and select **Properties**.
4. On the General tab of Local Area Connection Properties, select **Internet Protocol (TCP/IP)** and click **Properties**.
5. Select **Use the following IP address:**

In this step you will specify an IP address for the NIC. This address must be on the same subnet as the router. If the IP address of the router is still the default 192.168.2.1, enter **192.168.2.100**. If the IP address of the router has been changed, use the first three numbers (octets) from the router's address and change the fourth number to 100. Make sure that the subnet mask is 255.255.255.0.

6. Click **OK**, then click **OK** again.
7. Click Windows **Start** > **Run**.
8. In the Run dialog box, type **cmd** and click **OK**.
9. Use the "cd" command to go to the folder where the firmware file is saved using the following syntax:

**cd "*path to the folder*"**

and press ENTER.

**Example:** If the firmware file is located in the folder C:\networking\, you would type:

**cd "*C:\networking\*"** and press ENTER.

10. Type the following command but DO NOT PRESS ENTER: **tftp -i 192.168.2.1 put 5464.usr**
11. Unplug the power supply of the Wireless **Nd<sub>1</sub>** Router.
12. Plug the power supply of the router back in.
13. Immediately press ENTER in the dialog box on your computer to execute the command.
14. You should now see a message stating the image was transferred. Wait for the upgrade to finish. When the Wireless LED turns on, the upgrade is complete.

You must now set IP addressing for the NIC back to "Obtain an IP address automatically."

1. Go to Windows **Start > Control Panel > Network Connections**.
2. Right-click the **Local Area Connection** of the NIC that connects the computer to the router and select **Properties**.
3. On the General tab of Local Area Connection Properties, select **Internet Protocol (TCP/IP)** and click **Properties**.
4. Select **Obtain an IP Address Automatically** and click **OK**, then click **OK** again.

**Windows Me, 98, and 95 users:**

Perform the following steps to manually install the router's firmware.

1. Write down the path to the folder where you saved the firmware file.

**Example:** *C:\networking\*

2. On the desktop, right-click **Network Places** or **Network Neighborhood** and select **Properties**.
3. On the Configuration tab, select the NIC that connects the computer to the router and click **Properties**.
4. Select **Use the following IP address:**

In this step you will specify an IP address for the NIC. This address must be on the same subnet as the router. If the IP address of the router is still the default 192.168.2.1, enter **192.168.2.100**. If the IP address of the router has been changed, use the first three numbers (octets) from the router's address and change the fourth number to 100. Make sure that the subnet mask is 255.255.255.0.

5. Click **OK**, then click **OK** again.
6. Click Windows **Start** > **Run**.
7. In the Run dialog box, type **command** and click **OK**
8. Use the "cd" command to go to the folder where the firmware file is saved using the following syntax:

**cd "*path to the folder*"**

and press ENTER.

**Example:** If the firmware file is located in the folder C:\networking\, you would type:

**cd "*C:\networking\*"** and press ENTER.

9. Type the following command but DO NOT PRESS ENTER: **tftp -i 192.168.2.1 put 5464.usr**
10. Unplug the power supply of the Wireless **Nd<sub>1</sub>** Router.
11. Plug the power supply of the router back in.
12. Immediately press ENTER in the dialog box on your computer to execute the command.
13. You should now see a message in the command prompt stating the image was transferred. Wait for the upgrade to finish. When the Wireless LED turns on, the upgrade is done.

You must now set IP addressing for the NIC back to "Obtain an IP address automatically."

1. On your desktop, right-click **Network Places** or **Network Neighborhood** and select **Properties**.
2. On the Configuration tab, select the NIC that connects the computer to the router and click **Properties**.
3. On the General tab of Local Area Connection Properties, select **Internet Protocol (TCP/IP)** and click **Properties**.
4. Select **Obtain an IP Address Automatically** and click **OK**, then click **OK** again.

[Return to Troubleshooting page](#)





---

© 2006 U.S. Robotics Corporation





- Home
- Installation
- Configuration
  - Tutorials
  - Help

## I do not remember my wireless security settings.

### Solution:

All of your wireless security settings (**Method**, **Encryption**, **Pass phrase** or **Key**, and **Wireless MAC filter** options) are displayed on the [Status](#) page, under **Security**.



All of the wireless security settings for your wireless adapter should match the wireless security settings on the router.

[Return to Troubleshooting page](#)



---

© 2006 U.S. Robotics Corporation



- Home
- Installation
- Configuration
  - Tutorials
  - Help

## My wireless adapter cannot connect to the router.

### Solution:

Be certain that you have each Wireless PC Card, PCI Adapter, or USB Adapter set to **Infrastructure** mode. Verify that you are using the same SSID, Channel, and Security information as the Wireless **Nd<sub>1</sub>** Router. Refer to your Wireless PC Card's, PCI Adapter's, or USB Adapter's documentation to determine how to change these settings.

### Solution:

The wireless security settings of any wireless PC cards, PCI adapters, or USB adapters must match the settings for the Wireless **Nd<sub>1</sub>** Router.

1. In the configuration utility for your wireless card or adapter, ensure that you are connecting to the correct Wireless **Nd<sub>1</sub>** Router by verifying the MAC address, Network name (SSID), and [wireless security](#) settings. The MAC address is located on the label on the bottom of the Wireless **Nd<sub>1</sub>** Router.
2. Ensure that the correct Pass phrase or key and encryption option are being used. If you changed the settings in the configuration of the Wireless **Nd<sub>1</sub>** Router, you must also change the settings of every Wireless PC Card, PCI Adapter, or USB Adapter connecting to this network.

Refer to the Tutorial in the router configuration pages for additional information regarding new wireless clients. To access the Tutorial, open a Web browser and type: [192.168.2.1/tutorial\\_addclient.asp](http://192.168.2.1/tutorial_addclient.asp).

[Return to Troubleshooting page](#)



---

© 2006 U.S. Robotics Corporation



- Home
- Installation
- Configuration
  - Tutorials
  - Help

## SecureEasySetup could not configure my wireless client.

### Solution:

Press the SecureEasySetup button on the back of the router for one full second, then verify that the SecureEasySetup [LED](#) on the front of the router starts blinking before initiating SecureEasySetup in the client utility for your wireless adapter.

[Return to Troubleshooting page](#)



- Home
- Installation
- Configuration
  - Tutorials
  - Help


## My router is not appearing in the list when my wireless adapter scans for it.

### Solution 1:

You may be on a computer that is too far away from the Wireless **Nd<sub>1</sub>** Router. Try moving closer to the Wireless **Nd<sub>1</sub>** Router and repeating the scan procedure.

### Solution 2:

1. Using a wired connection, start a Web browser.
2. In the location or address line of your Web browser, type **192.168.2.1** to log on and access the router configuration pages.
3. Click the **Wireless** tab and verify **Broadcast network name** is selected under **Network Name (SSID)**.



**Network Name (SSID)**

This is the name of your wireless network. Wireless devices will need to know the network name (also known as an SSID) of your router in order to communicate with it.

Network name:

In order to hide your router from new wireless devices, you can tell the router to stop broadcasting the router's network name.

☒ Broadcast network name

[Return to Troubleshooting page](#)



---

© 2006 U.S. Robotics Corporation



- Home
- Installation
- Configuration
  - Tutorials
  - Help

## I can access the Internet, but cannot access some special applications.

### Solution:

If you have the Wireless **Nd<sub>1</sub>** Router properly connected and can access the Internet but are experiencing difficulties connecting with special applications (e.g., ICQ, Battle.net, etc.), you must assign specific ports in order to bypass the firewall function.

1. Click the **Firewall** tab in the configuration pages.
2. Enter the appropriate port information in the **Port Triggering** area.



## Port Triggering

On	Outbound Protocol	Ports	Inbound Protocol	Ports	Destination Ports	
<input type="checkbox"/>	TCP	1 to 65535	TCP	10070 to 10080	10070 to 10080	Delete
<input type="checkbox"/>	UDP	1 to 65535	UDP	10070 to 10070	10070 to 10070	Delete

Outbound protocol:

Outbound port range:  to

Inbound protocol:

Inbound port range:  to

Destination port range:  to

Add

Refer to the [Firewall](#) area of the Configuration section for more information regarding port forwarding and port triggering of special applications (e.g., ICQ, Battle.net, etc.). For a complete list of applications and port information, visit [www.iana.org](http://www.iana.org)

[Return to Troubleshooting page](#)



- Home
- Installation
- Configuration
  - Tutorials
  - Help

**I received a “Page Not Found” error after trying to save new configuration settings on my router.**

**Solution:**

If you are using a wireless connection to communicate with the router, after you save new configuration settings it may take a moment for your adapter to re-establish the connection with the router. During this time, your browser may display "Page Not Found" error and you will need press the **Back** button in your Web browser or refresh the page.

[Return to Troubleshooting page](#)





- Home
- Installation
- Configuration
  - Tutorials
  - Help

**After enabling a VPN connection on my computer, I am unable to connect to local computers on my network in order to share files or printing capabilities.**

**Solution:**

Local network resources are not always available when connected to some VPN Servers. This can be configured from one of two places, Client or Server, and may depend on the corporate policies in place on your VPN server. The best option would be to disable the VPN connection when you need to access your local network resources. If this is not an option, you will need to read the documentation for the VPN client you are using. For any further VPN client questions, contact the system administrator that maintains your VPN server.

[Return to Troubleshooting page](#)





- Home
- Installation
- Configuration
  - Tutorials
  - Help

## Troubleshooting Ping Procedure

If at any time during the ping procedure you do not receive a return message for a successful ping, this means that the address you are pinging has been changed and is causing a conflict or is no longer available. Check the address in the configuration pages and make any necessary corrections using the console mode. After you have made the corrections, continue with the ping procedure.

**Note:** Linux users can perform steps 3 through 7 after opening a terminal.

1. Click Windows **Start** > **Run**.
2. In the **Run** dialog box:
  - **Windows XP, 2000, and NT users:** Type **cmd** and click **OK**.
  - **Windows Me, 98, and 95 users:** Type **command** and click **OK**.
3. Do one of the following:
  - **Windows XP, 2000 and NT users:** Type **ipconfig /all** and press ENTER.
  - **Windows Me, 98, and 95 users:** Type **winipconfig /all** and press ENTER.

This displays IP configuration, including values like the following:

**IP Address:** 192.168.2.2  
**Subnet Mask:** 255.255.255.0  
**Default Gateway:** 192.168.2.1 (This is the Default Gateway of your LAN)  
**DNS Server:** 192.168.2.1

```

Connection-specific DNS Suffix . : 
Description . . . . . : Broadcom NetXtreme Gigabit Ethernet
Physical Address. . . . . : 00-0F-FE-3E-08-89
Dhcp Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
IP Address. . . . . : 192.168.2.2
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.2.1
DHCP Server . . . . . : 192.168.2.1
DNS Servers . . . . . : 192.168.2.1
Lease Obtained. . . . . : Friday, September 08, 2006 1:18:30 P
M
Lease Expires . . . . . : Friday, September 08, 2006 2:18:30 P
M

```

If you do not see information for the Ethernet adapter connection information, your computer is not communicating with your Ethernet adapter.

If you receive a message that your media is disconnected, your computer is communicating with your adapter but has not received an IP address from your router. Verify that your wireless security settings for your adapter match the wireless security settings on your router.

If you have an IP address of 196.254 or 0.0.0.0, verify that your wireless security settings for your adapter match the wireless security settings on your router and repair the network connection on your computer.

4. Type **Ping 127.0.0.1** and press ENTER. This is your local host address and this will ensure that the TCP/IP protocol is installed and functioning properly. If you cannot complete this ping, you must install the TCP/IP framework for your operating system. See your operating system documentation for information on how to install the TCP/IP framework.
5. Type **Ping** followed by the *IP address* you recorded in step 3, and press ENTER. This will ensure that your computer is responding to requests. If you cannot complete this ping, make sure all the cables are properly connected and that all the correct drivers are installed.
6. Type **Ping** followed by the LAN IP address, which is the *Default Gateway* you recorded in step 3, and press ENTER. This checks the communication with your gateway or wireless router. This will ensure that you can get to the router. If you can establish communication with the router, you can access the configuration pages and configure the settings. If you cannot complete this ping, make sure the power cord of the router is plugged in and that it is properly connected to your computer.
7. Type **Ping** followed by the outside WAN IP address of your router. This is not the same as the Default Gateway for your LAN that you saw in step 3. This address can be obtained from the **Status** page of the router. This procedure will ensure that you have access to the internet.
8. Type **Ping** followed by the *DNS Server* address you recorded in step 3, and press ENTER. This will allow you to resolve valid Internet host names to IP addresses and to verify that you can access the Internet.

[Return to Troubleshooting page](#)





- Home
- Installation
- Configuration
  - Tutorials
  - Help

## I am experiencing poor wireless link quality.

### Solution 1:

Low link quality or range can be caused by environmental interference, such as lead-based paint and concrete walls. Try to move the antenna of the Wireless **Nd<sub>1</sub>** Router or to reposition the wireless clients to improve the link quality. If possible, ensure that there are no obstructions between wireless clients and the router.

### Solution 2:

You can view your current **Wireless** settings on the [Status](#) page. Look at the **Channel** information. If you are only using one channel, your router is not set to run in 802.11n mode. You can go to **Transmission** in the Wireless page to change your **802.11n mode** to **Automatic**.

### Solution 3:

Perform a wireless site scan or site survey in the client utility for your wireless adapter to check for any adjacent networks. If you find any adjacent networks, check to see what Channels the networks are using. Although the router will try to select the best available wireless channel, if your router and another network are running on the same channel, you may need to adjust your [wireless transmission](#) settings to use another channel.

## Solution 4:

Some electronic devices, such as 2.4GHz phones and microwave ovens, may interfere with the wireless signal and affect your wireless range and link quality. Try creating a wireless connection on a different channel.

[Return to Troubleshooting page](#)



---

© 2006 U.S. Robotics Corporation





- Home
- Installation
- Configuration
  - Tutorials
  - Help

## I accidentally blocked all wireless devices from accessing the router.

### Solution:

Connect to the Wireless **Nd1** Router using a wired Ethernet connection since wired connections are allowed by default.

1. Start a Web browser.
2. In the location or address line of your Web browser, type **192.168.2.1** to log on and access the router configuration pages.
3. Enter the login and password for your router.
4. Click the **Security** tab. Change your **Filter** setting to **Allow all wireless clients**.

## MAC Filter

Use this section to allow (or deny) specific wireless devices the ability to connect to the router. For example, you could specify that only your laptop, gaming system and digital video recorder can connect. (Please note that wired clients are always permitted to connect.)

**Allow Current Clients**

Press the **Allow Current Clients** button to automatically permit the current wireless client devices to connect to the router. (The changes aren't saved until you press the **Save** button.)

Filter:  ▼

[Return to Troubleshooting page](#)



- Home
- Installation
- Configuration
  - Tutorials
  - Help

## I cannot print to a network printer attached to my router in Windows Me or 98SE.

### Solution 1:

Ensure that your printer is installed correctly and powered on.

### Solution 2:

Check that your printer has sufficient ink and paper. A printer connected to the print server cannot send its status to your computer.

### Solution 3:

Reboot the router by unplugging the power cord. Wait at least 30 seconds before plugging it in again. This will clear the print queue of any pending documents.

### Solution 4:

Make sure that you've entered the Printer location URL address correctly (The URL information is case-sensitive and must be entered exactly as it is listed on the **Printer**

**location** section on the [Status](#) page).

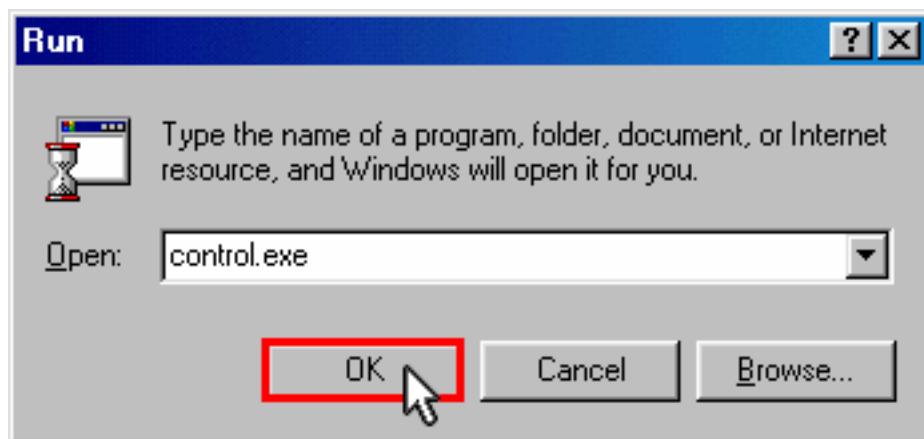
### Solution 5:

Make sure that your PC firewall is configured to trust your Local Area Network (LAN) or disabled.

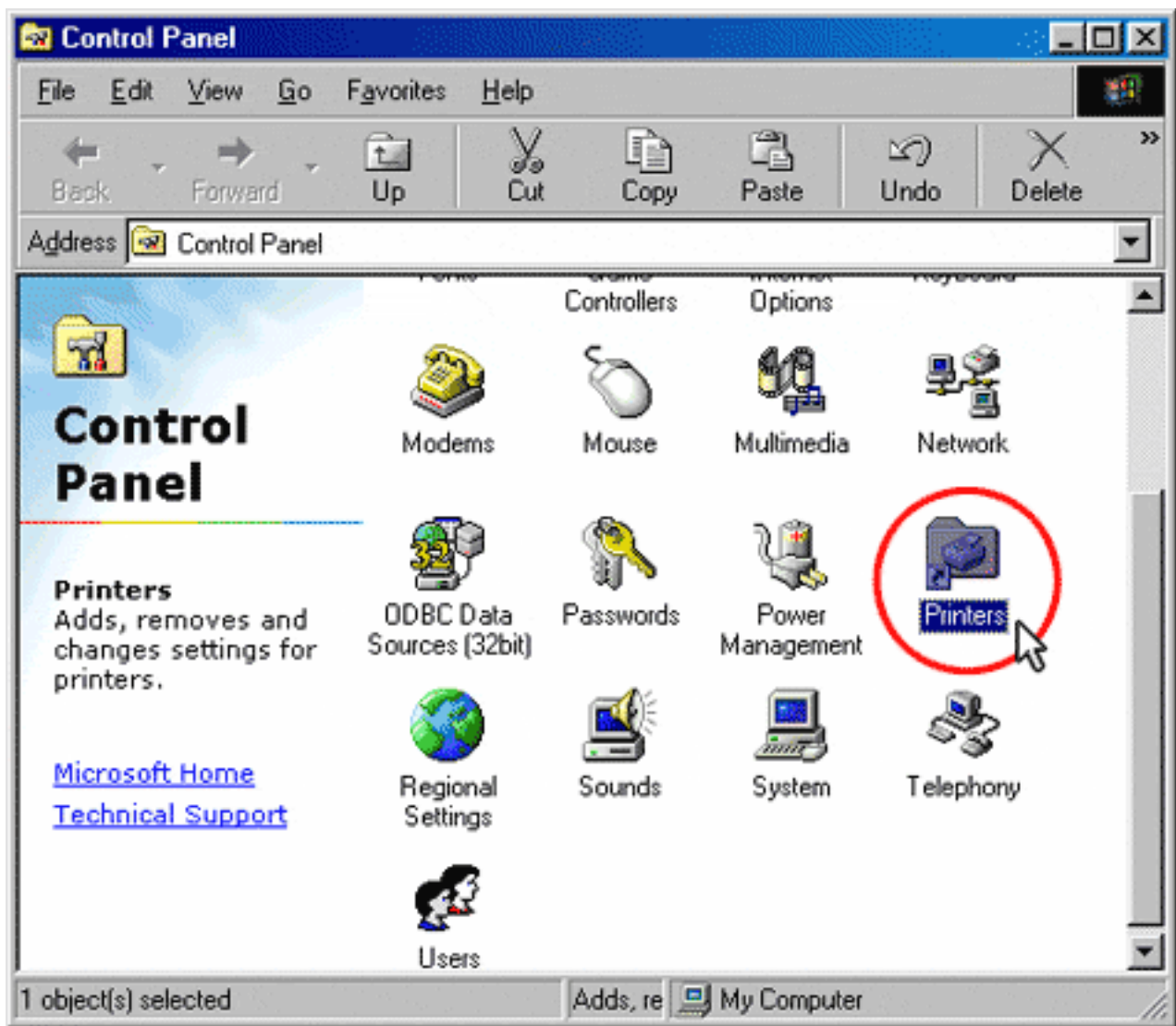
### Solution 6:

Force clients to print RAW data type files in Windows 98 and Me. The RAW data type tells the spooler not to alter the print job at all prior to printing. If a client assigns this data type, the spooler passes the print job through without altering it.

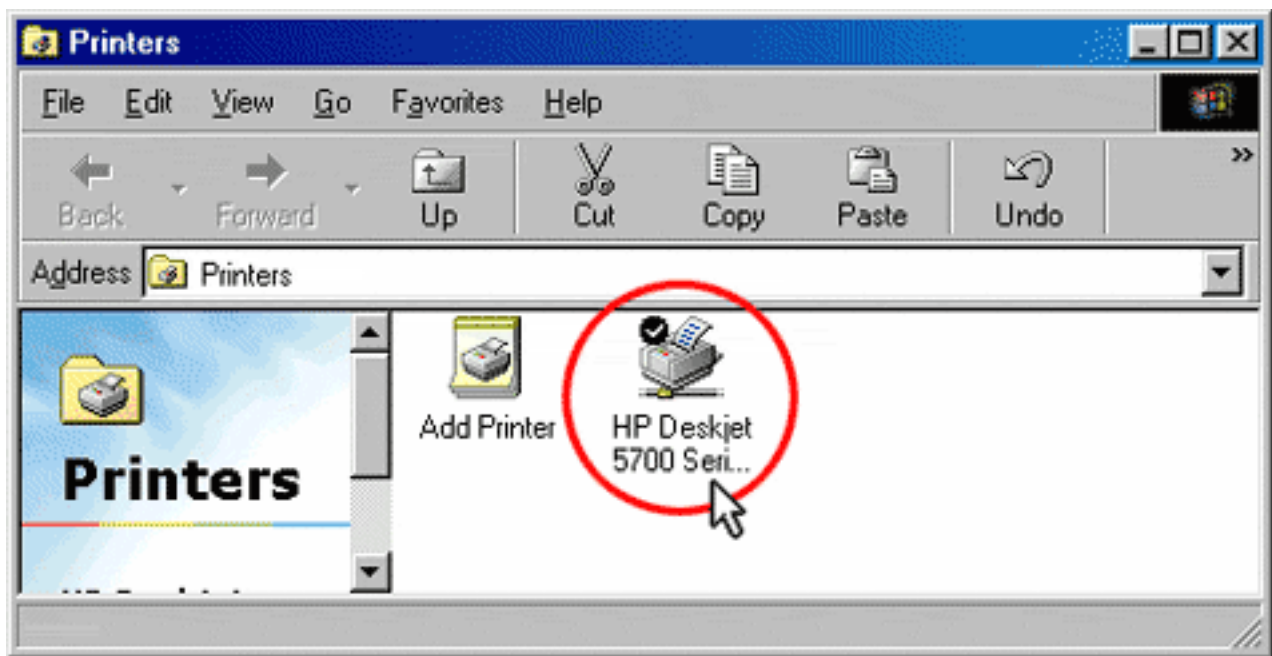
1. Click Windows **Start** > **Run**.
2. In the Open field, type **control.exe** and click **OK**.



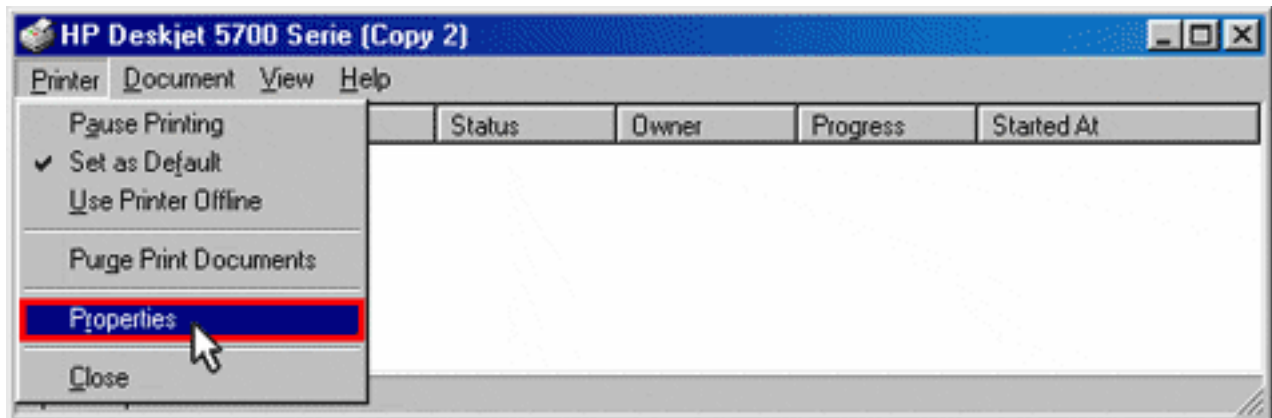
3. Double-click **Printers**.



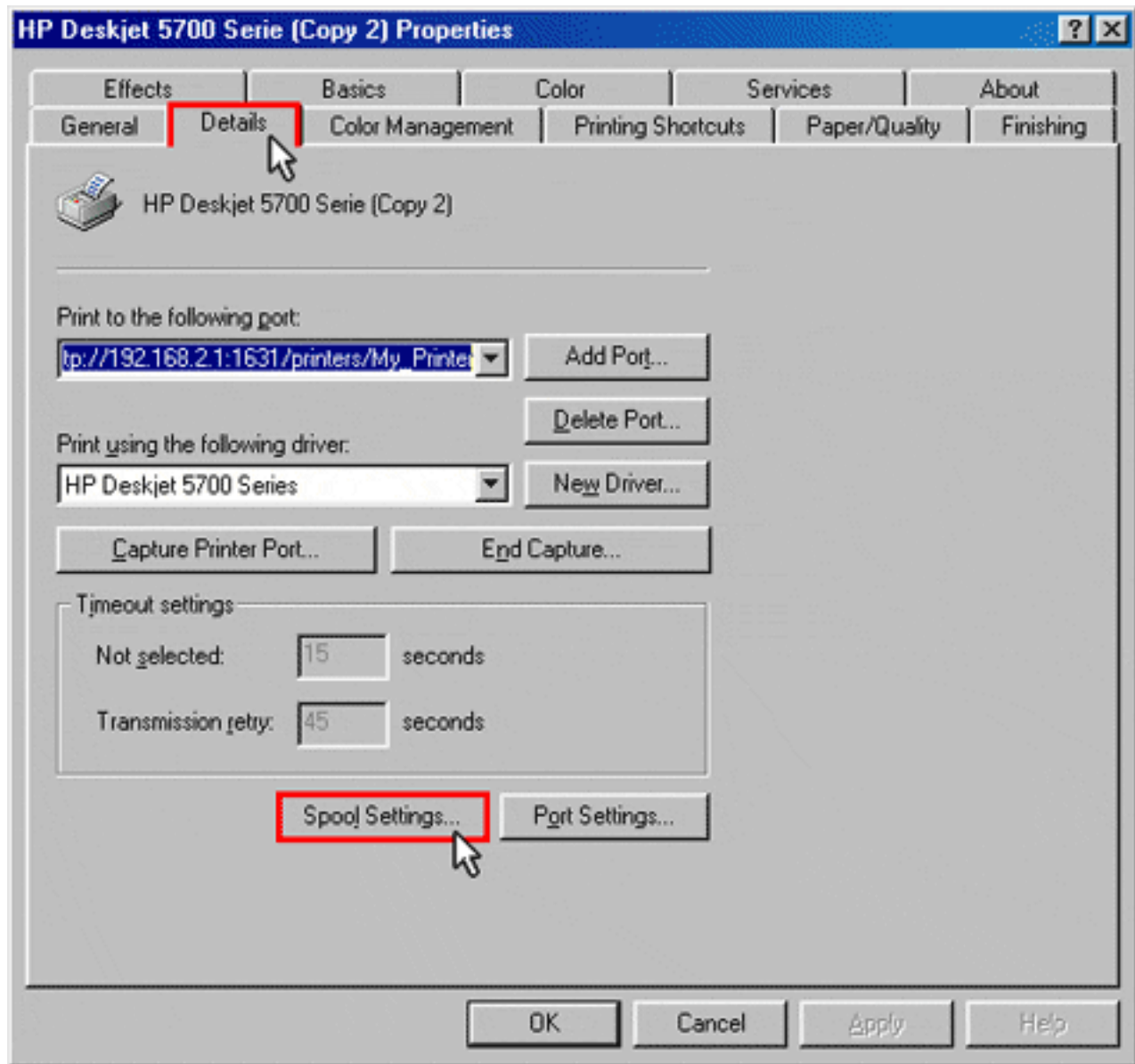
4. Double-click your printer.



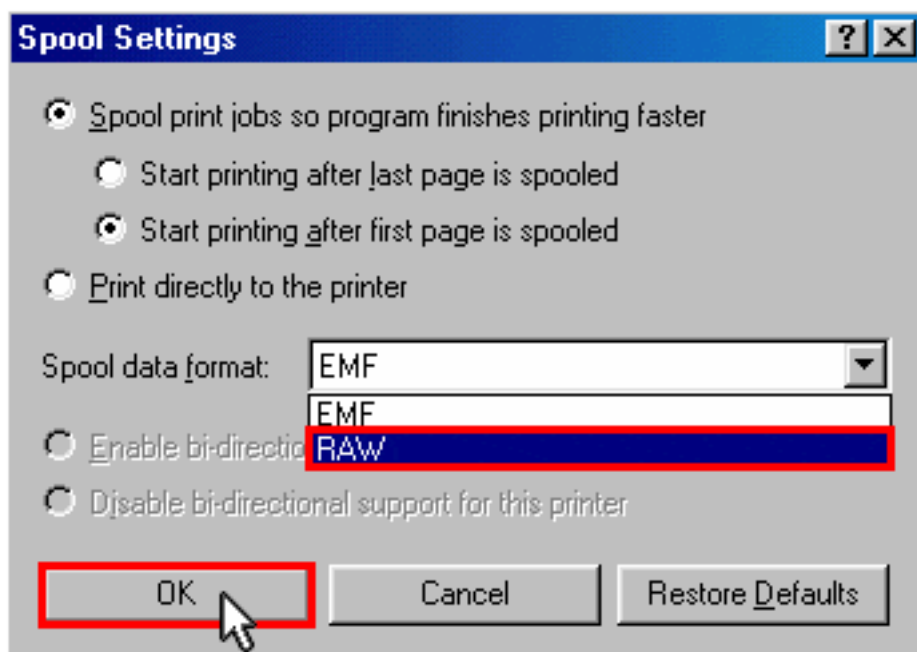
5. Select **Properties** from the **Printer** menu.



6. Click the **Details** tab, click **Spool Settings**.

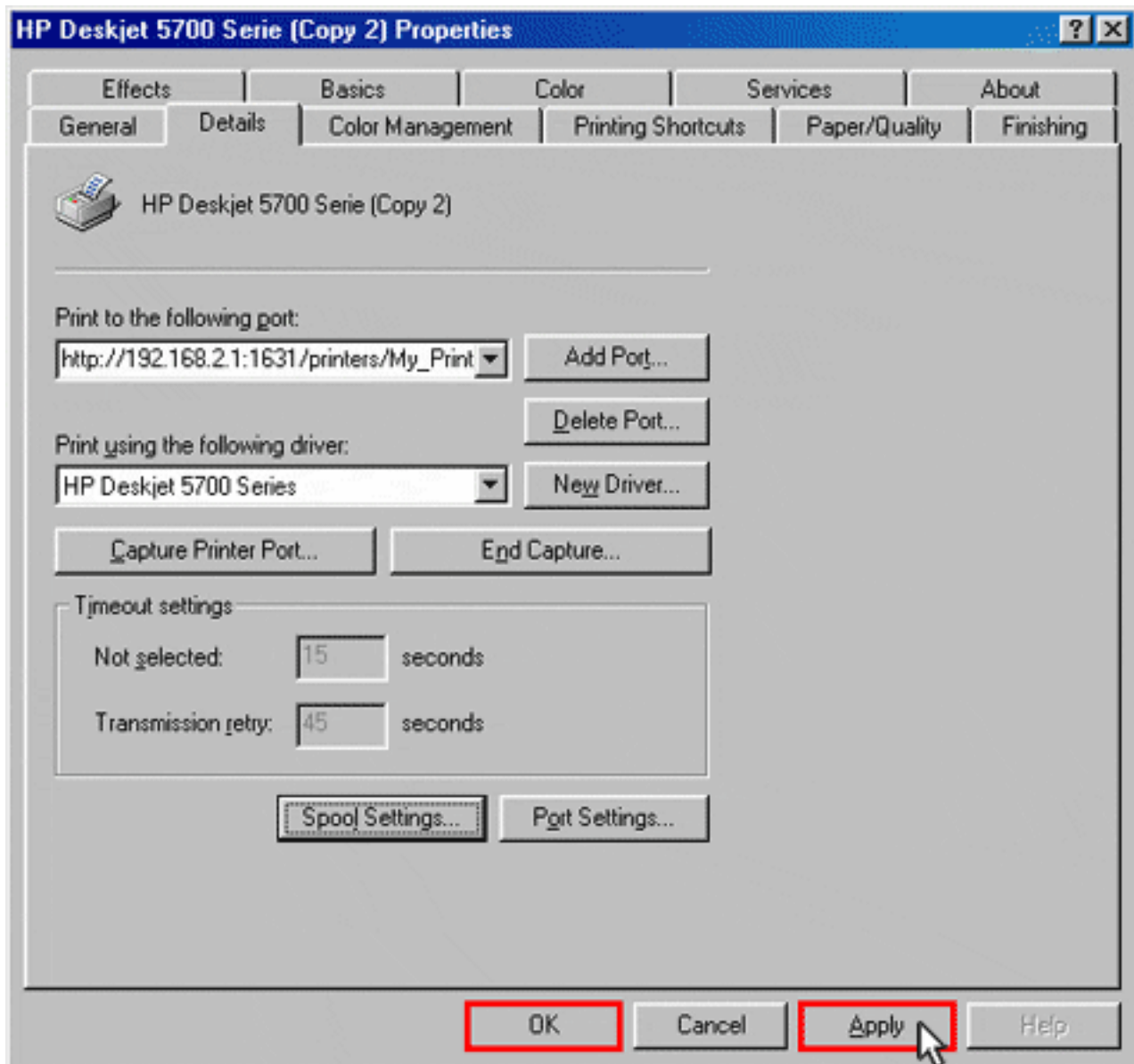


7. Select **RAW** for Spool data format and click **OK**.



8. Click **Apply**, then click **OK**.





[Return to Troubleshooting page](#)





- Home
- Installation
- Configuration
  - Tutorials
  - Help

## I cannot print to a network printer attached to my router in Windows XP or 2000.

### Solution 1:

Ensure that your printer is installed correctly and powered on.

### Solution 2:

Check that your printer has sufficient ink and paper. A printer connected to the print server cannot send its status to your computer.

### Solution 3:

Reboot the router by unplugging the power cord. Wait at least 30 seconds before plugging it in again. This will clear the print queue of any pending documents.

### Solution 4:

Make sure that you've entered the Printer location URL address correctly (The URL information is case-sensitive and must be entered exactly as it is listed on the **Printer**

**location** section on the [Status](#) page).

## Solution 5:

Make sure that your PC firewall is configured to trust your Local Area Network (LAN) or disabled.

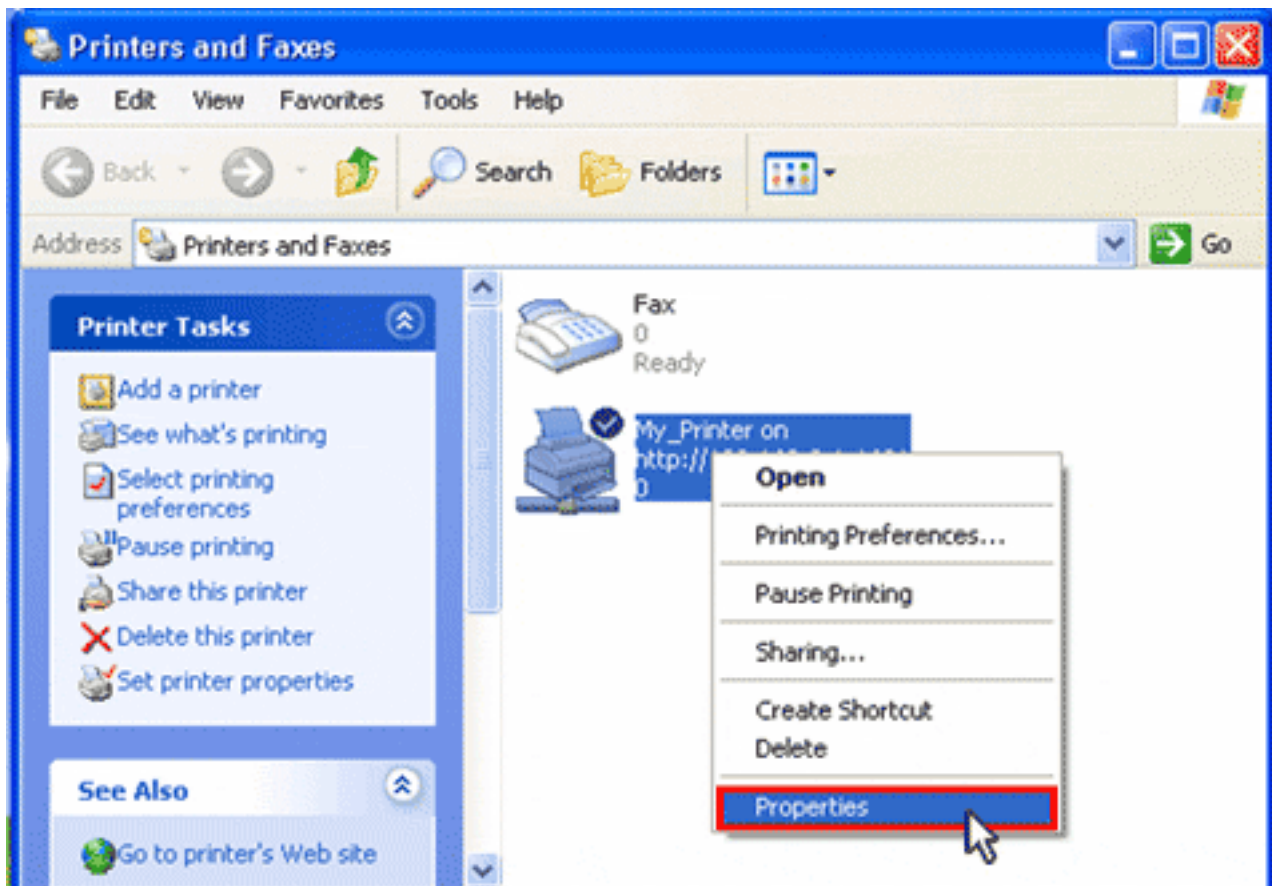
## Solution 6:

1. Do one of the following:

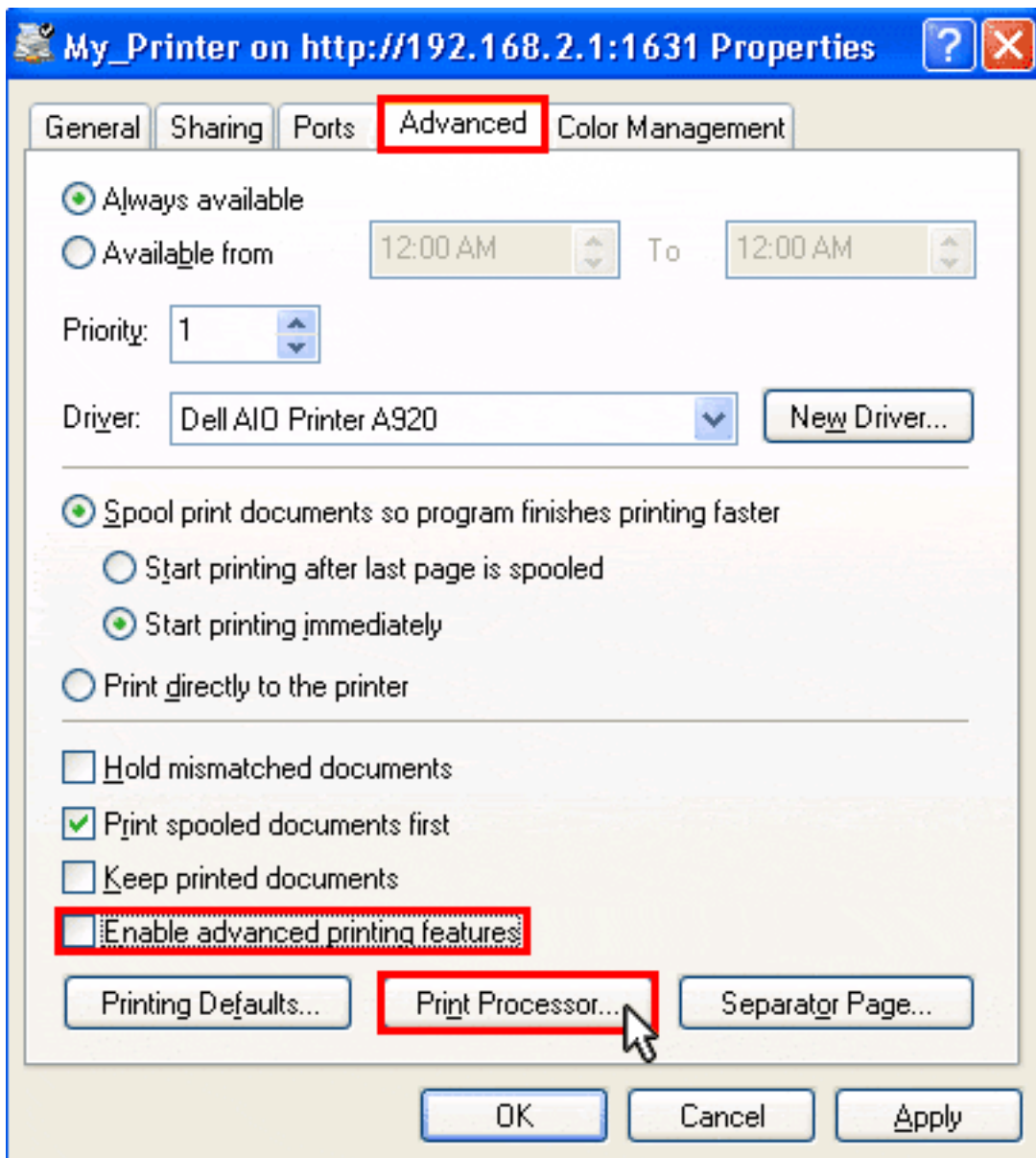
**Windows XP Users:** Click Windows **Start** > **Printers and Faxes**.

**Windows 2000 Users:** Click Windows **Start** > **Settings** > **Printers**.

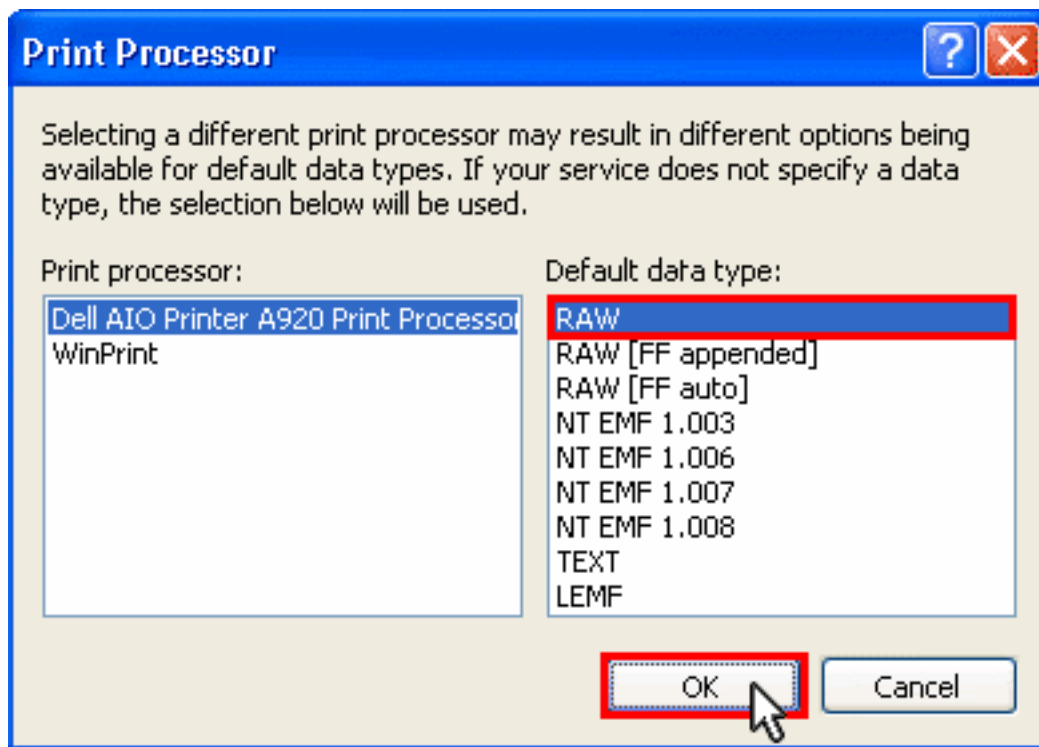
2. Right-click on **My\_Printer** on <http://192.168.2.1:1631> and click **Properties**.



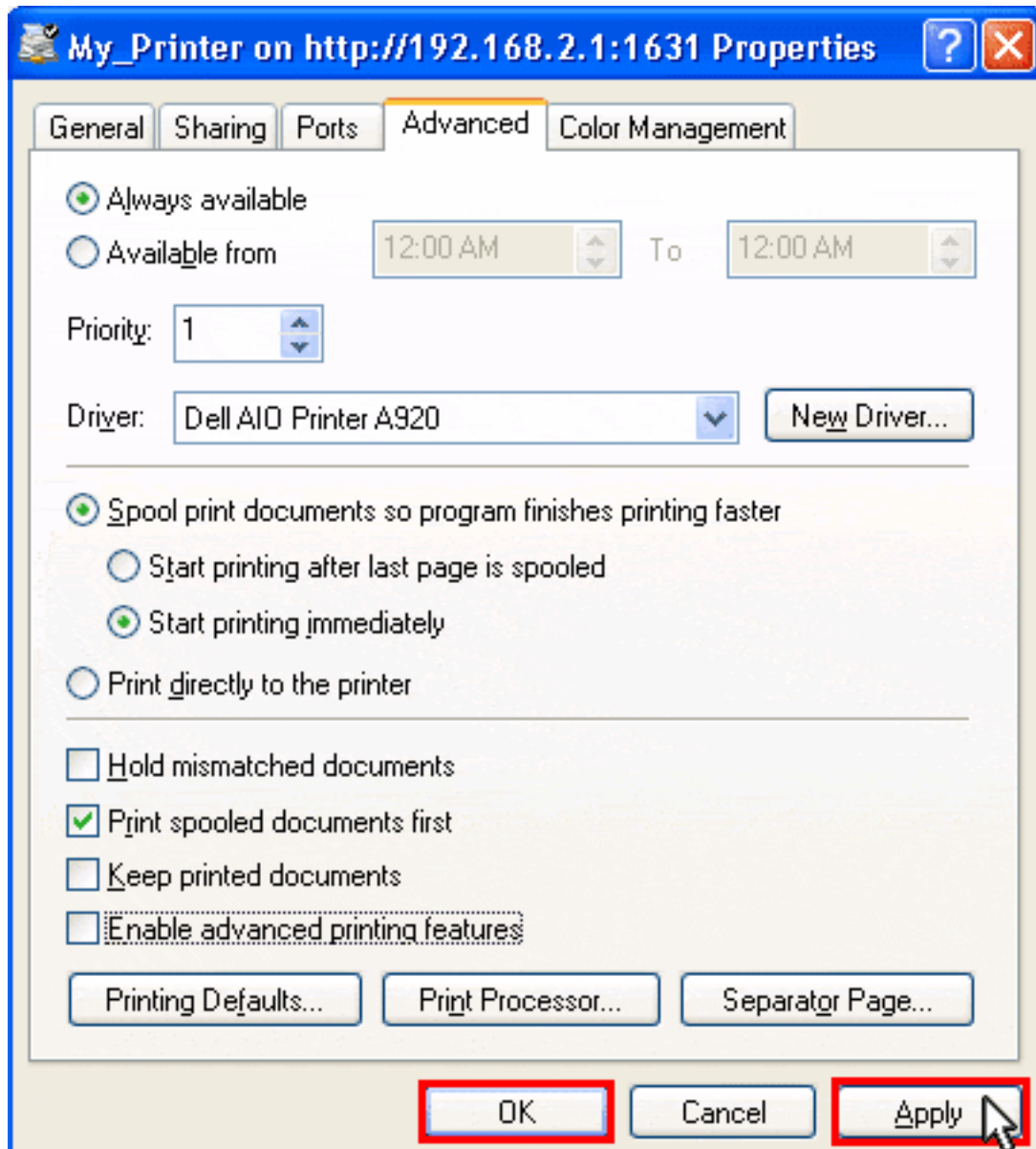
- Click the **Advanced** tab, make sure that **Enable advanced printing features** is disabled, and then click **Print Processor**.



- For **Default data type**, select **RAW**, and click **OK**.



5. Click **Apply**, then click **OK**.



[Return to Troubleshooting page](#)







- Home
- Installation
- Configuration
  - Tutorials
  - Help

**Documents printed using the print server on the router do not begin immediately and sometimes take one minute or longer to begin printing.**

Please visit your printer manufacturer's support Web site and download the latest drivers available for your printer. Follow the instructions provided with the new drivers to ensure that the old drivers are removed and replaced with the new drivers.

**Note:** Large documents, such as high-resolution photographs, large graphics files or large PDF files, may take extra time to process, depending on their file size.

[Return to Troubleshooting page](#)





- Home
- Installation
- Configuration
  - Tutorials
  - Help

## My wireless card does not support WPA, can I still secure my network?

Yes! The Wireless **Nd<sub>1</sub>** Router supports the following forms of wireless security:

- WEP Open
- WEP Shared
- WPA
- WPA2
- 802.1x

If you have not configured your router yet:

1. Start your Web browser.
2. In the location or address line, type [192.168.2.1](http://192.168.2.1) and press ENTER to access the router configuration pages.

**Note:** The router's default IP address is 192.168.2.1.

3. Click **Start**. The Setup Wizard leads you through the basic router configuration process.



**Note:** If you see a "Page Not Found" error at any time while using the router configuration pages, press the **Back** button in your Web browser or refresh the page.

4. The Setup Wizard will attempt to automatically detect your Internet connection.

If the router does not automatically detect your Internet connection, verify the power cord and all the Ethernet cables are connected correctly. This includes the cables connecting the router, the modem, and all the computers in the network. Also, verify your Internet connection is in working order. Then, click **Detect Connection** until you reach the "**Internet Connection Configured**" screen.

If the router still cannot connect, you can [enter your ISP information manually](#).

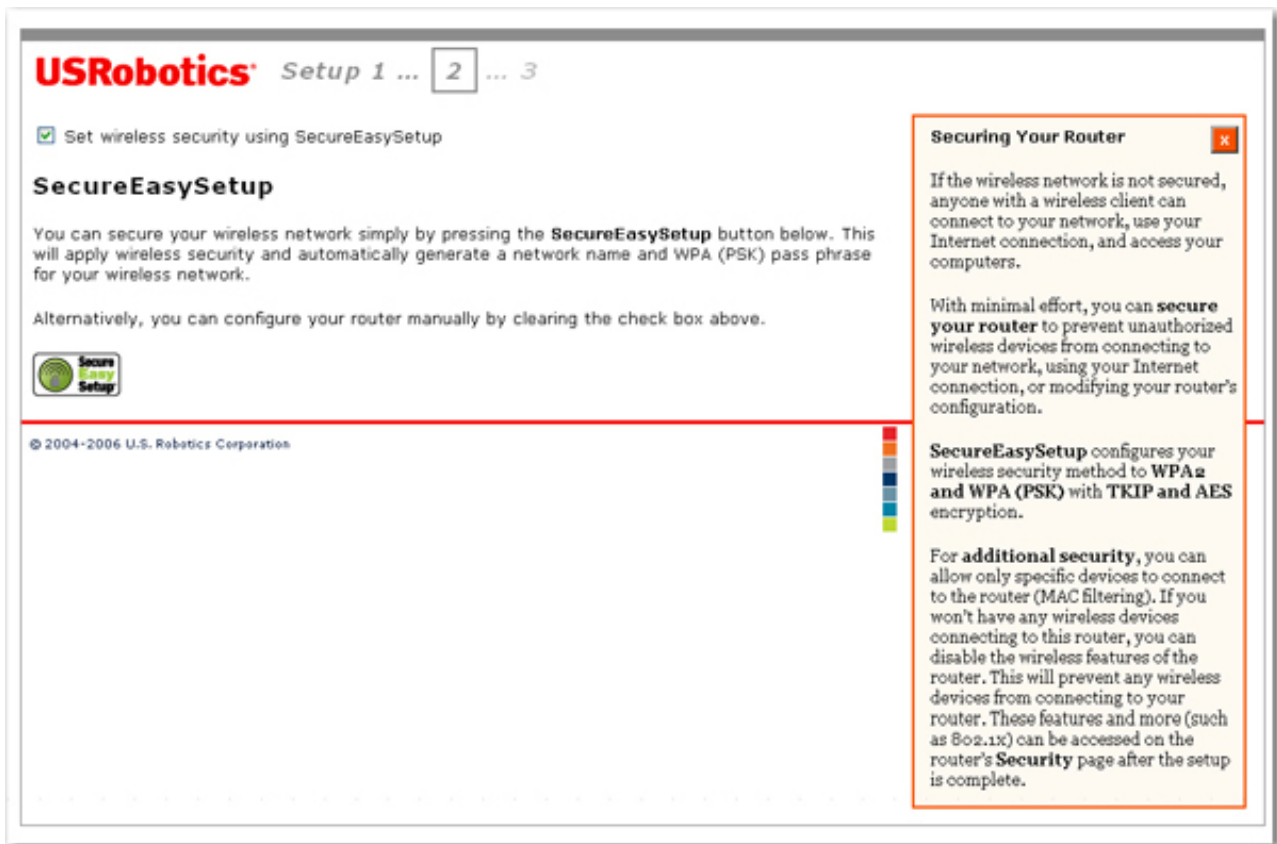
5. Click **Next**.

6. Do one of the following:

- A. To use SecureEasySetup to set your wireless security, select **Set wireless security using SecureEasySetup** and click the



button on the screen.



- B. To manually set your wireless's security information, deselect **Set wireless security using SecureEasySetup** and enter the **Network Name** (SSID), select a security **Method**, and enter your wireless security information for the router, then click **Continue**.

**USRobotics®** Setup 1 ... **2** ... 3

☐ Set wireless security using SecureEasySetup

**Network Name (SSID)**

This is the name of your wireless network. Wireless devices will need to know the network name (also known as an SSID) of your router in order to communicate with it.

Network name:

USRobotics recommends that you change the **network name** and treat it like a password. Use a combination of more than eight alphanumeric characters that is not easy to guess (such as "USR5464RouterOffice" or "Fish81Tree").

**Security**

USRobotics recommends securing your router from unauthorized wireless devices by using WPA encryption. If you have older wireless devices that don't support WPA, you can select WEP. If you want to use a different method later, you can change it on the router's **Security** page after the setup is complete.

Method:

Pass phrase:

(The pass phrase must be between eight and sixty-three characters long.)

USRobotics recommends that you treat your **WPA pass phrase** like a password and use a combination of alphanumeric characters that is not easy to guess (such as "5Rock2Fish9Sand" or "20Dogs933Trot").

You will need to enter these values when you configure a wireless client. After setup is complete, these values will be displayed on the router's **Status** and **"How to Add a New Client" Tutorial** pages, and you can write them down or print them.

When you're finished and ready to go to the next step, press **Next**.

**Next** →

**Securing Your Router**

If the wireless network is not secured, anyone with a wireless client can connect to your network, use your Internet connection, and access your computers.

With minimal effort, you can **secure your router** to prevent unauthorized wireless devices from connecting to your network, using your Internet connection, or modifying your router's configuration.

**SecureEasySetup** configures your wireless security method to **WPA2 and WPA (PSK)** with **TKIP and AES** encryption.

For **additional security**, you can allow only specific devices to connect to the router (MAC filtering). If you won't have any wireless devices connecting to this router, you can disable the wireless features of the router. This will prevent any wireless devices from connecting to your router. These features and more (such as 802.1x) can be accessed on the router's **Security** page after the setup is complete.

© 2004-2006 U.S. Robotics Corporation

7. Enter a **User name** and **Password** for your router and click **Finish**.

## Router Login

In order to secure the router against unauthorized access, please enter a user name and password. You will need to enter the user name and password in order to access the router in the future, so you may want to write them down.

User name:

Password:

U.S. Robotics recommends using a password of eight or more alphanumeric characters (such as "Canyon79Snow" or "2Lake6Forest3"). Please note that the user name and password are case-sensitive.

When you're done and are ready to apply all your settings, press **Finish**.

**Finish**

### If you have already configured your router:

1. Start your Web browser.
2. In the location or address line, type: [192.168.2.1](#) and press ENTER to access the router configuration pages.
3. Enter your user name and password and click **Ok**.
4. Click the [Security](#) tab.
5. Under **Wireless**, select your security **Method** and enter the appropriate [wireless security information](#) information in the corresponding fields.

## Wireless

There are a few options for encrypting the wireless communications between the router and its clients, and they're all designed to protect your privacy. You will need to enter these same settings for each wireless client.

Method:  

**Note:** All wireless clients connecting to the router must be configured with the same security information.

6. Click **Save** to save all your new settings and reboot the router after you have completed all your changes.
7. Congratulations! You have successfully secured your router. All wireless clients with matching security parameters can now access the router securely.

[Return to Troubleshooting page](#)

