A GUIDE TO PORT FORWARDING YOUR ROUTER

Lorex Technology Inc.

www.lorexcctv.com

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PORT FORWARDING – BELKIN WIRED ROUTER

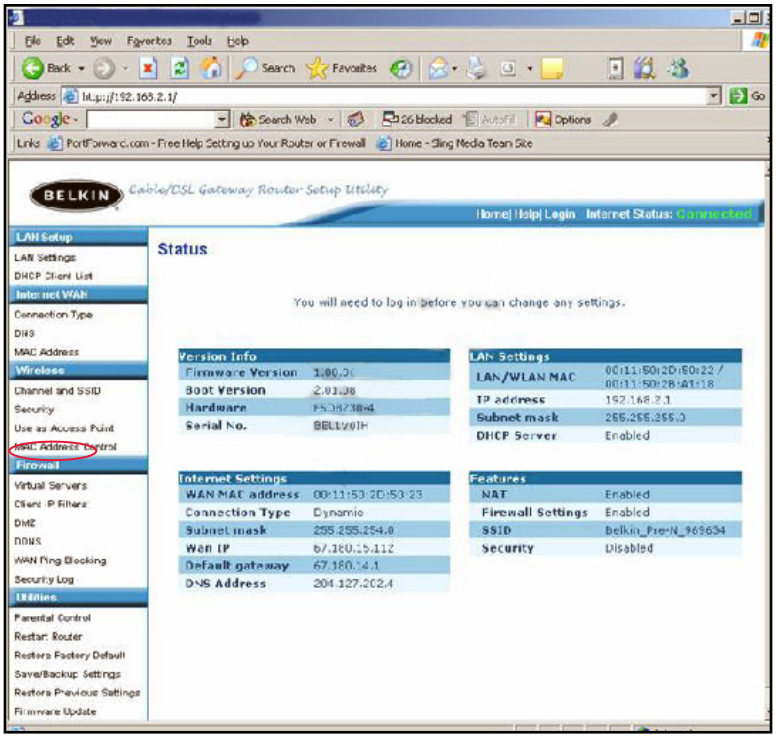
The port forwarding process is dependant on the brand and model number of the router being used. Port forwarding of a router is required with your system to allow user access to your network device. Regardless of the Belkin Wired Router being used, the process of port forwarding is similar. You will need to enable the ports by locating the port range forwarding screen. With most Belkin routers the port forwarding screen is located within the Virtual Servers option tab. The set up instruction outlined below is an example of port forwarding using **Belkin Model F5D8230-4.**

Step 1:

Open your web browser. Enter the router IP address in the address bar as shown below (192.168.2.1), followed by pressing Enter.

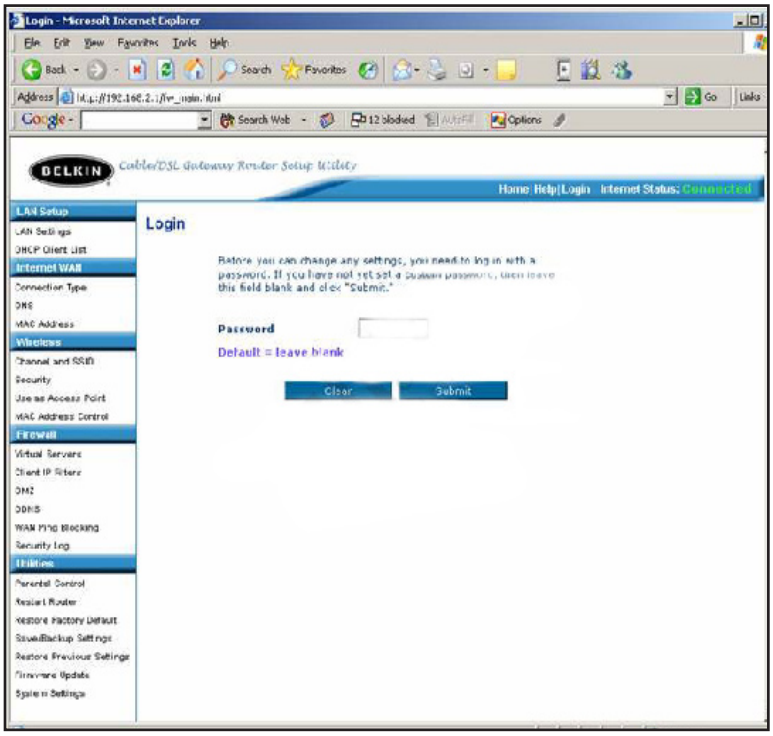
Step 2:

In the status page, select the Virtual Servers option located down the left hand side of the page



Step 3:

In the Administrator's page, enter your password. The default setting is left blank. Select the Submit button.



PORT FORWARDING – BELKIN WIRED ROUTER

Step 4:

In the Virtual Serves screen proceed as follows:

Enable the system by checking the enabled box

In the **Description** column enter a description of your network device (e.g. monitor)

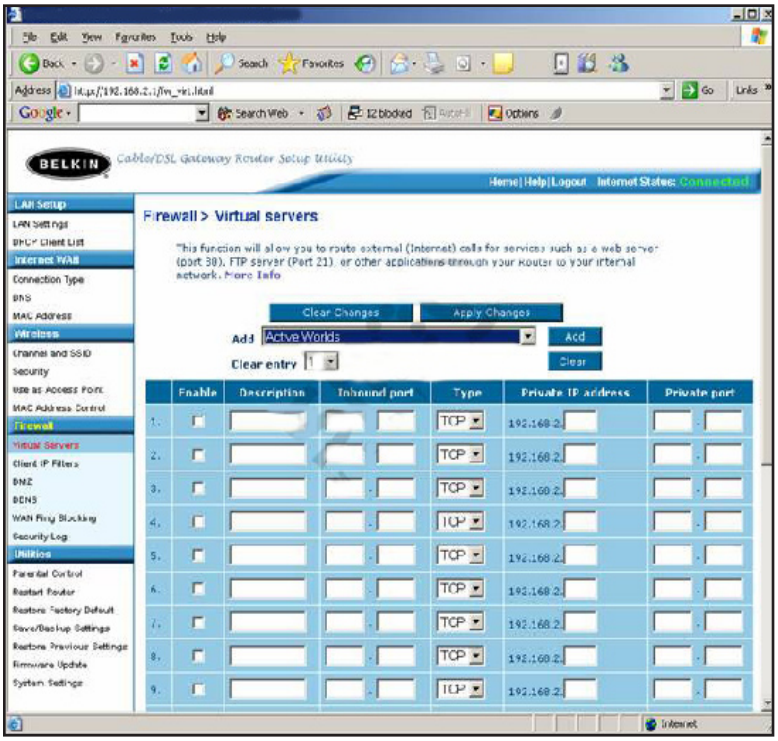
In the **Inbound Port** entry field enter in the first box the first number of the port you need to port forward (e.g. 5000) and the ending port number in the second box in (e.g. 5003)

In the **Type** field, select Both.

In the **Private IP** Address field, enter the computer network IP address you recorded previously during the Quick Set Up Guide process.

In the **Private Ports** column re-enter in the first box, the first number of the port you need to port forward (e.g. 5000) and in the second box the ending port number (e.g. 5003).

Select the **Apply Changes** button located at the top of the page to save your changes



Port forwarding is now complete! Return to the quick set up guide and proceed with the rest of the installation process.

PORT FORWARDING – DLINK WIRELESS ROUTER

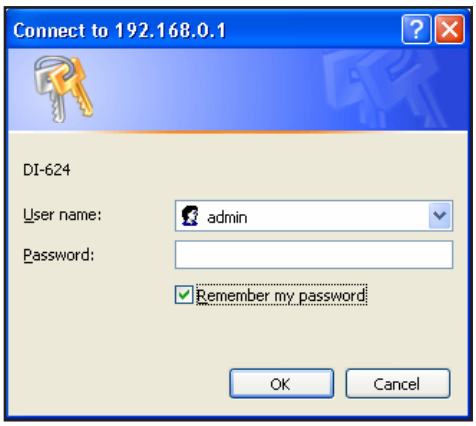
The port forwarding process is dependant on the brand and model number of the router being used. Port forwarding of a router is required with your system to allow user access to your network device. Regardless of the DLINK Wireless Router being used, the process of port forwarding is similar. You will need to enable the ports by locating the port range forwarding screen. With some DLINK routers the port forwarding screen is located within the Applications and Games or Filters tab; in others it is located in the advance tools tab. The set up instruction outlined below is an example of port forwarding using **DLINK Model DI-524.**

Step 1:

Open your web browser. Enter the router IP address in the address bar as shown below, (192.168.0.1) followed by pressing **Enter.**

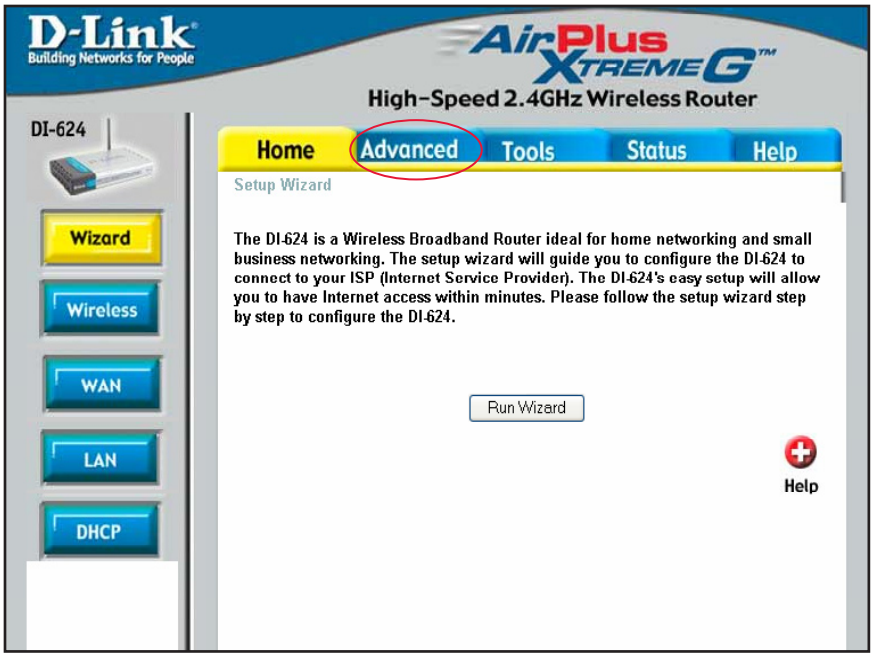
Step 2:

Enter the user name (admin). Leave the password blank followed by pressing the **OK** button.



Step 3:

Select the **Advanced** tab.



Step 4:

Select the **Virtual Server** tab.

Step 5:

Enable the system by checking the enabled box

In the **Name** field enter a description of your network device (e.g. monitor)

In the **Private** IP field enter the computer network IP address you recorded previously during the Quick Set Up Guide process.

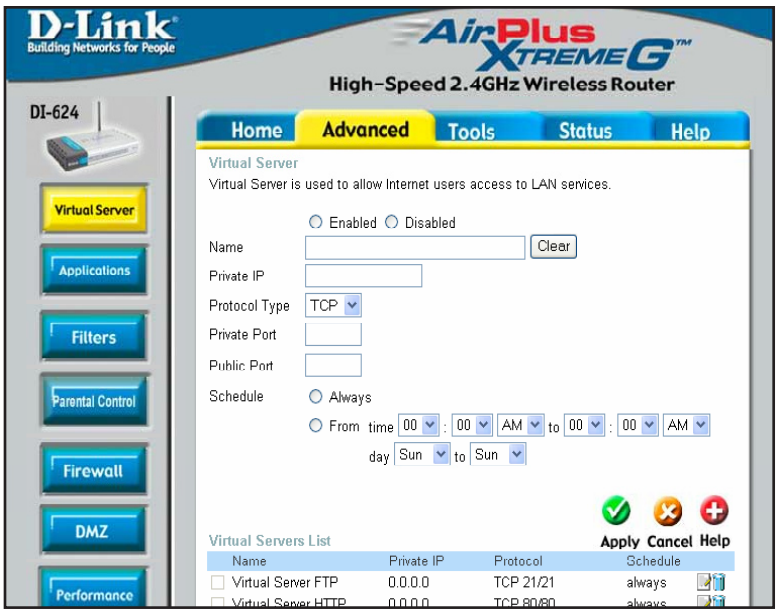
In the **Protocol** field, select Both.

In the **Private** port enter the port number you need to port forward (e.g. 5000)

In the **Public** port re-enter the port number you entered in the private port field (e.g. 5000)

Select the **Schedule** to Always

If more ports are required to be port forwarded, repeat the above steps. When complete, select the Apply button located at the bottom of the page to save your changes.



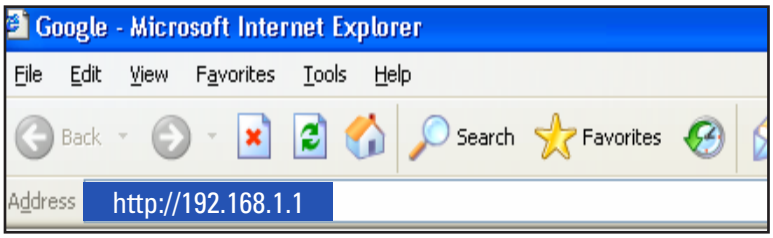
Port forwarding is now complete! Return to the quick set up guide and proceed with the rest of the installation process.

PORT FORWARDING – LINKSYS WIRELESS ROUTER

The port forwarding process is dependant on the brand and model number of the router being used. Port forwarding of a router is required with your system to allow user access to your network device. Regardless of the Linksys Wireless Router being used, the process of port forwarding is similar. You will need to enable the ports by locating the port range forwarding screen. With some Linksys routers the port forwarding screen is located within the Applications and Games or Filters tab; in others it is located in the advance tools tab. The set up instruction outlined below is an example of port forwarding using **Linksys Model WRK54GV2.**

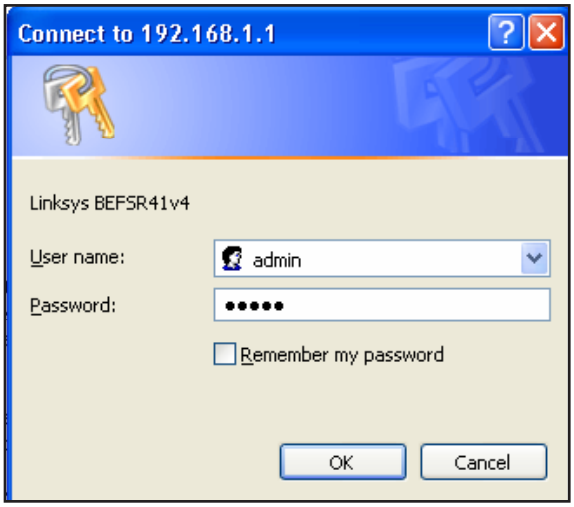
Step 1:

Open your web browser. Enter the router IP address in the address bar as shown below (192.168.1.1), followed by pressing **Enter**.



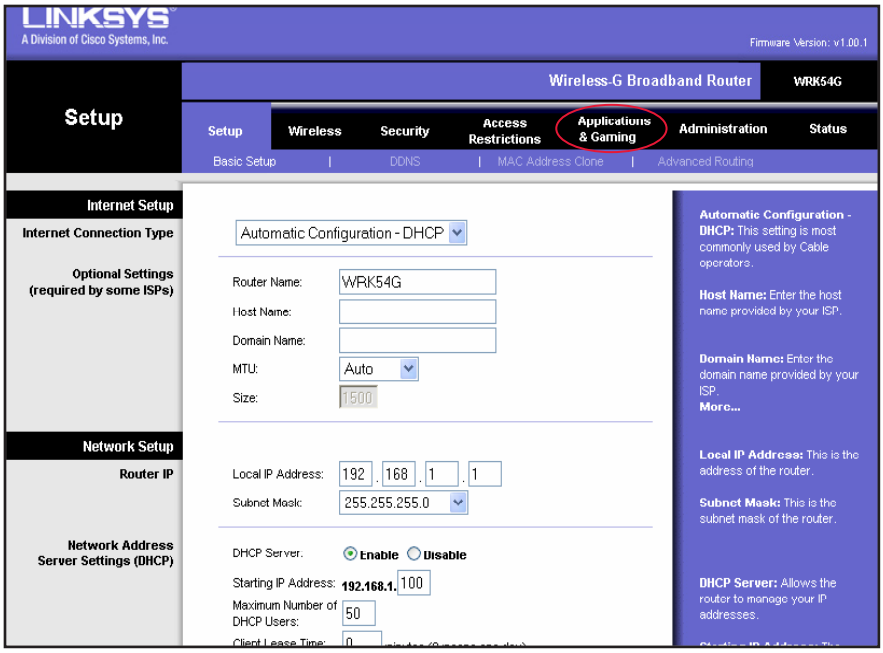
Step 2:

Enter the user name and password as shown below (admin by default) and press the **OK** button.



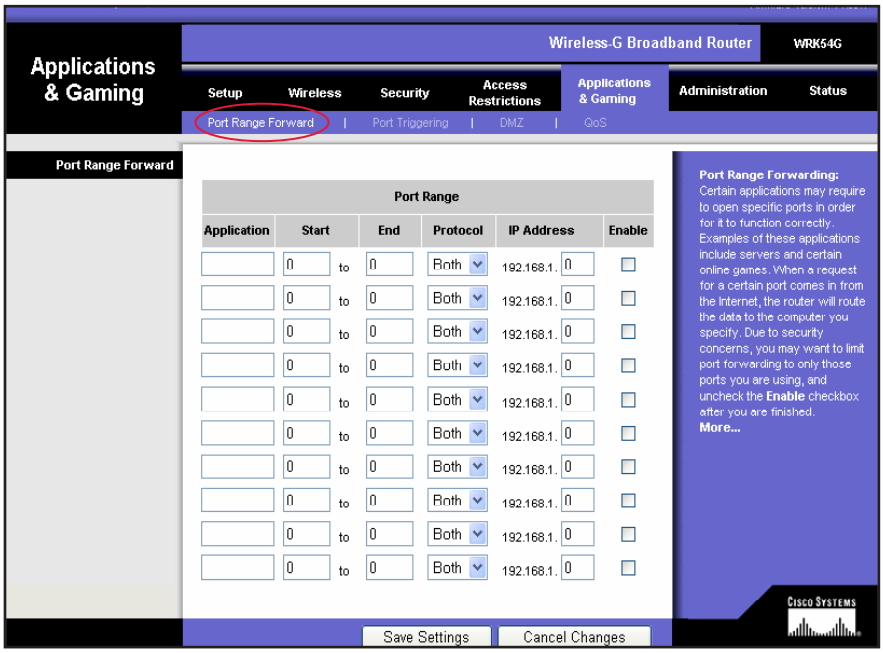
Step 3:

Select the **Applications and Gaming** tab.



Step 4:

Select the **Port Range Forwarding** tab.



Step 5:

In the **Application** column enter a description of your network device (e.g. monitor)

In the **Start** entry field enter the first number of the port you need to port forward (e.g. 5000)

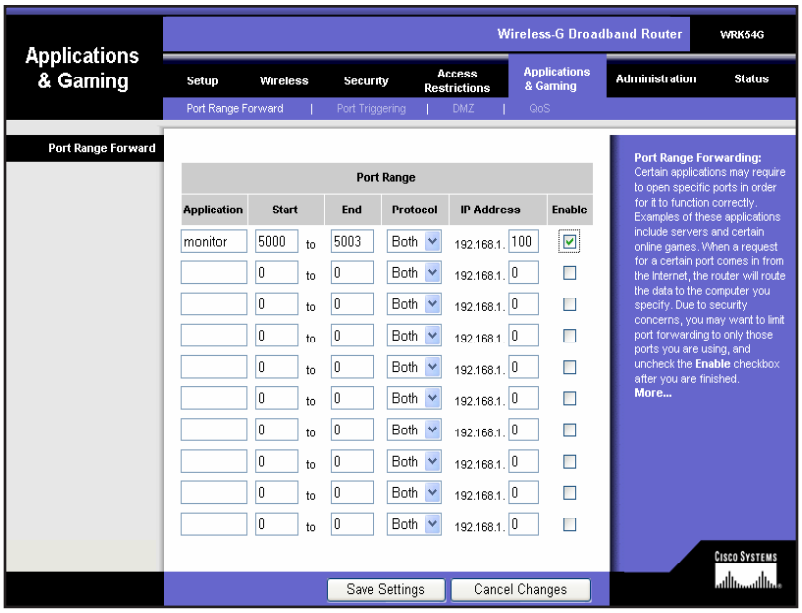
In the **End** entry field enter the last number of the port you need to port forward (e.g5003)

In the **Protocol** field, select Both.

In the **IP address** field, enter the computer network IP address you recorded previously during the Quick Set Up Guide process.

Enable the system by checking the enabled box.

Select the **Save** settings button located at the bottom of the page to save your changes.



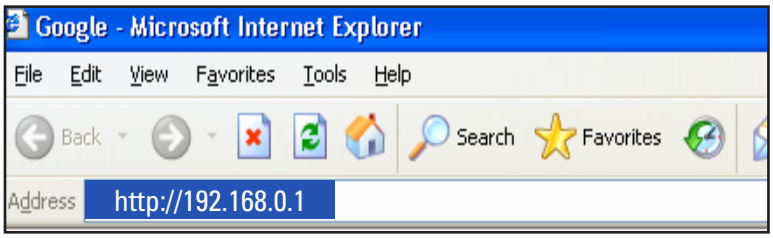
Port forwarding is now complete! Return to the quick set up guide and proceed with the rest of the installation process.

PORT FORWARDING – LINKSYS WIRED ROUTER

The port forwarding process is dependant on the brand and model number of the router being used. Port forwarding of a router is required with your system to allow user access to your network device. Regardless of the Linksys Wired Router being used, the process of port forwarding is similar. You will need to enable the ports by locating the port range forwarding screen. With some Linksys routers the port forwarding screen is located within the Applications and Games or Filters tab; in others it is located in the advance tools tab. The set up instruction outlined below is an example of port forwarding using **Linksys Model BEFSR41.**

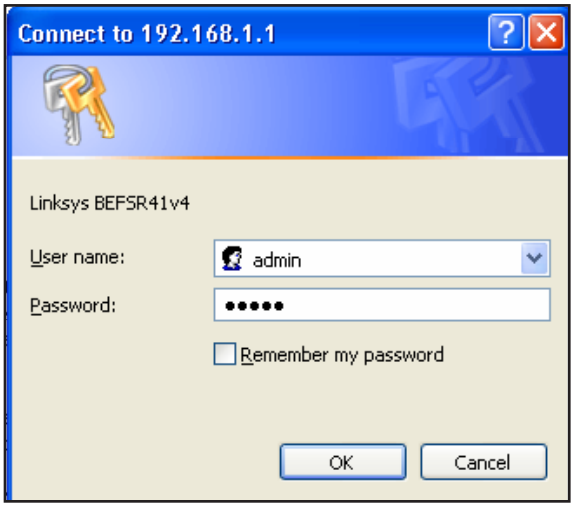
Step 1:

Open your web browser. Enter the router IP address in the address bar as shown below (192.168.1.1), followed by pressing **Enter**.



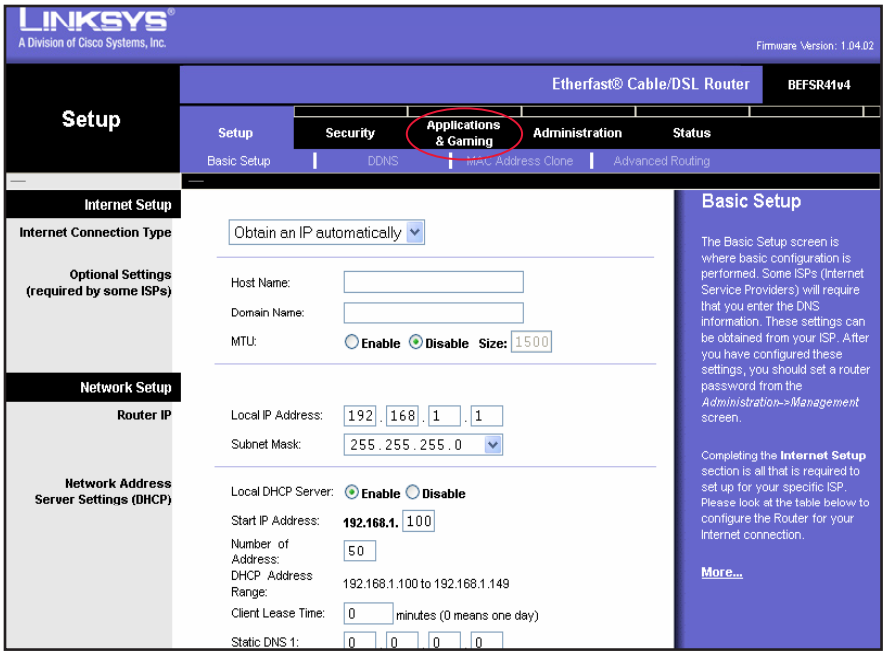
Step 2:

Enter the user name and password as shown below (**admin** by default) and press the **OK** button.



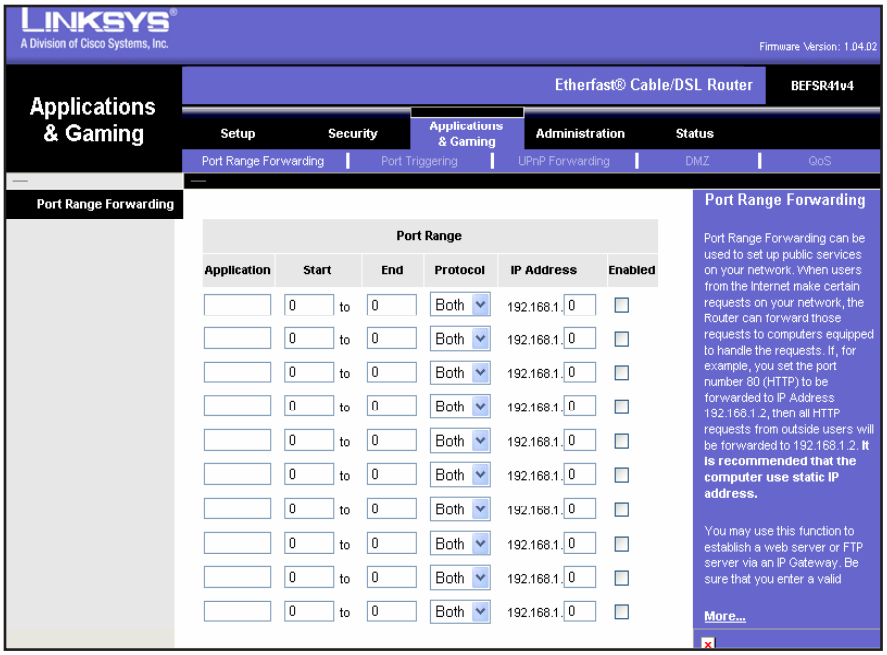
Step 3:

Select the **Applications and Gaming** tab.



Step 4:

Select the **Port Range Forwarding** tab.



Step 5:

In the **Application** column enter a description of your network device (e.g. monitor)

In the **Start** entry field enter the first number of the port you need to port forward (e.g. 5000)

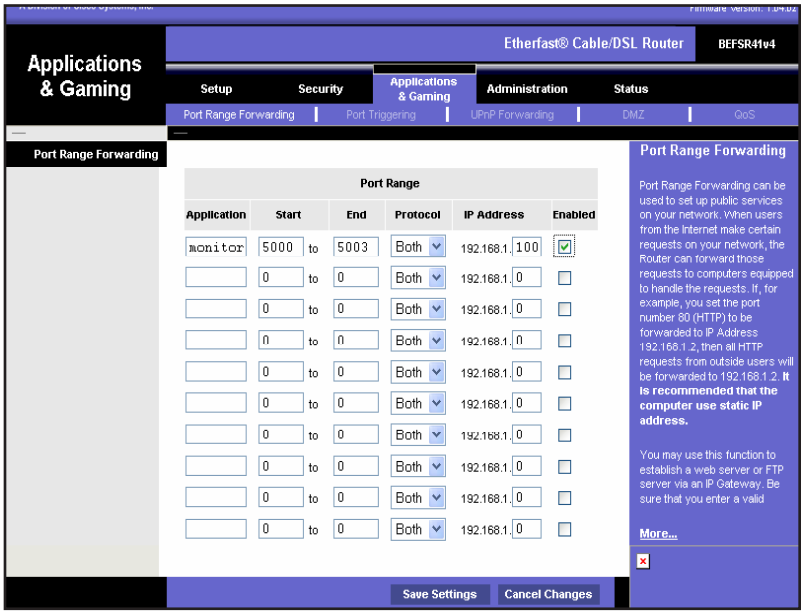
In the **End** entry field enter the last number of the port you need to port forward (e.g5003)

In the **Protocol** field, select Both.

In the **IP address** field, enter the computer network IP address you recorded previously during the Quick Set Up Guide process.

Enable the system by checking the enabled box.

Select the **Save** settings button located at the bottom of the page to save your changes.



Port forwarding is now complete! Return to the quick set up guide and proceed with the rest of the installation process.

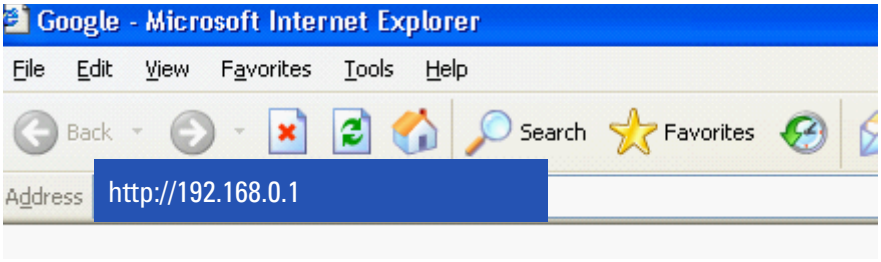
PORT FORWARDING – WESTELL ROUTER

The port forwarding process may vary depending on the brand and model number of the router being used. Port forwarding of a router is required to allow user access to your network device. Regardless of the Westell Router being used, the process of port forwarding is similar. You will need to enable the ports by locating the port range forwarding screen. The set up instruction outlined below is an example of port forwarding a Westell Router using **Westell VERSALINK.**

Step 1:

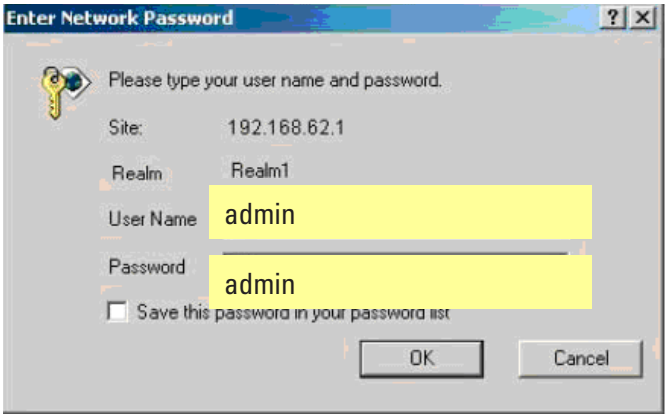
Open your web browser.

Enter the router IP address **192.168.62.1** in the address bar as shown below, followed by pressing Enter.



Step 2:

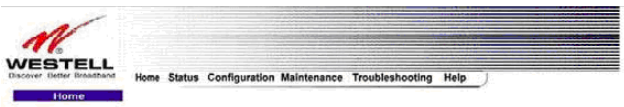
Enter **'admin'** in the User Name and **'admin'** in the Password dialog box to enter the Westell configuration page.

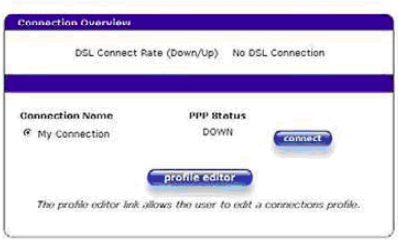


Source: Portforwarding.com

Step 3:

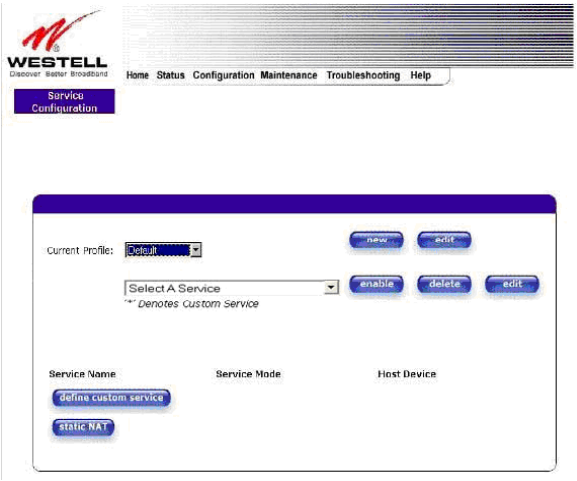
Select **'Configuration'**





Step 4:

Select the **Define Custom Service** Tab



Source: Portforwarding.com

Step 5:

Select the **Define Custom Service** Tab

Step 6:

In the Port Range setting screen, proceed as follows:

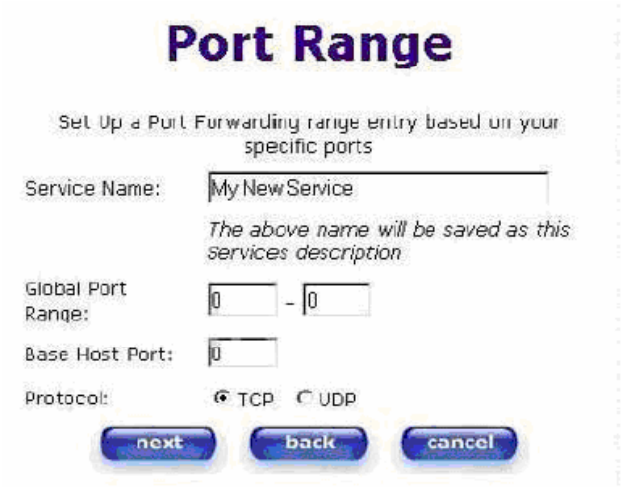
In the **Service** Name field, type LOREX

In the **Global Port** Range field, enter in the first box, the first number of the port you need to port forward (e.g. 5000) and in the second box the ending port number (e.g. 5003)

In the **Base Host** Port enter the first port to be forwarded (5000)

In **Protocol**, select TCP

Select the **Next** button when complete



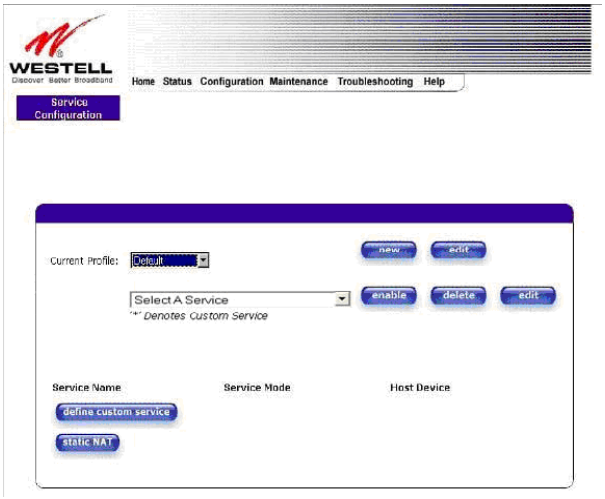
Source: Portforwarding.com

Step 7:

A confirmation window will appear on the screen which shows the same information just entered. Select the close button to continue. You should now be in the Configuration Window screen. Select the Define Customer Service button, followed by selecting the Port Forwarding Ranges of Port option. Finally click the Next button.

Step 8:

Use the Select a Service drop down box and select the configuration just created. Select the Enable button.



Port forwarding is now complete! Return to the quick set up guide and proceed with the rest of the installation process.

Source: Portforwarding.com

PORT FORWARDING – NETGEAR ROUTER

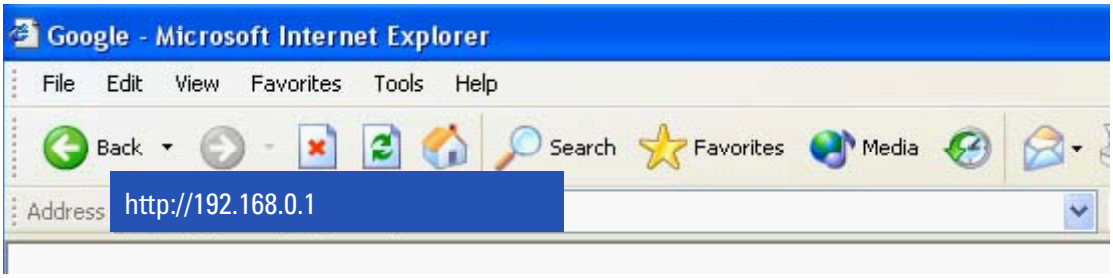
The port forwarding process may vary depending on the brand and model number of the router being used. Port forwarding of a router is required to allow user access to your network device.

Regardless of the Netgear router being used, the process of port forwarding is similar. You will need to enable the ports by locating the port range forwarding screen. The set up instruction outlined below is an example of port forwarding a Netgear Router using **Netgear Model DG 824M.**

Step 1:

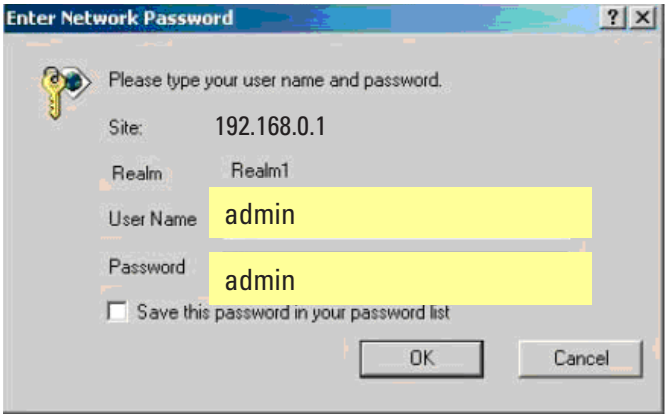
Open your web browser.

Enter the router IP address **192.168.0.1** in the address bar as shown below, followed by pressing **Enter**.



Step 2:

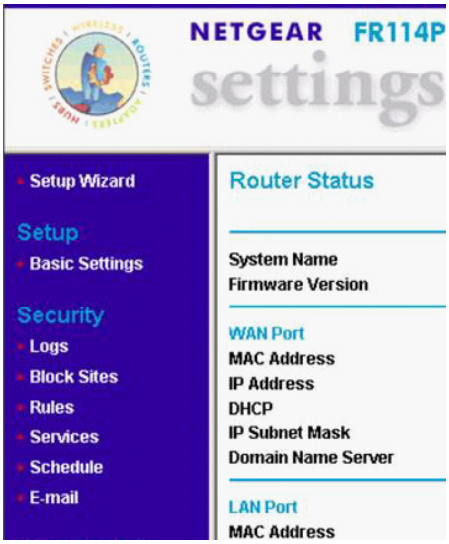
Enter **'admin'** in the User Name and **'password'** in the Password dialog box to enter the Westell configuration page.



Source: Portforwarding.com

Step 3:

Select the **Services** button in the **Security menu**



Step 4:

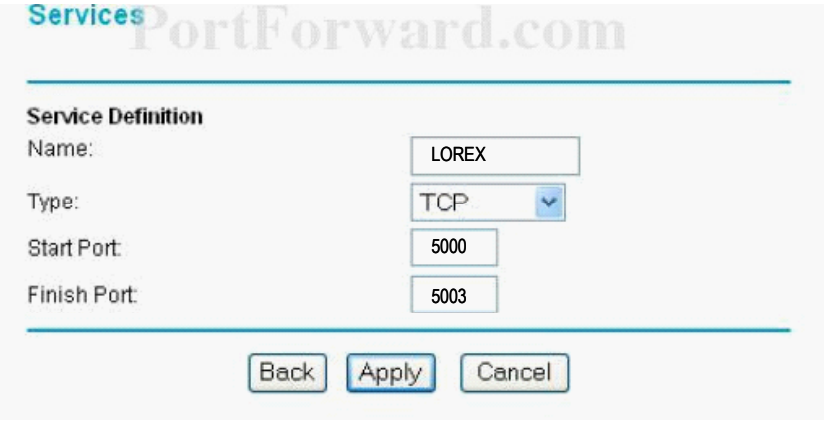
In the **Services** menu, select the **Add Custom Service** button

Source: Portforwarding.com

Step 5:

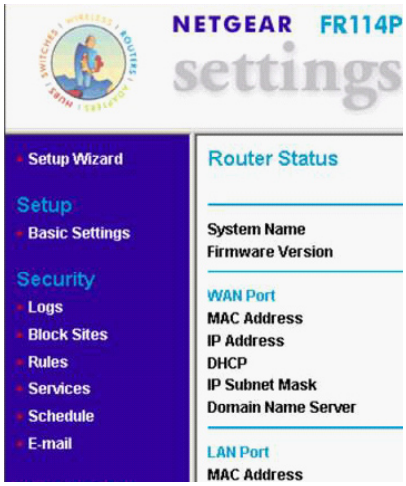
In the **Services** screen, proceed as follows:

In the **Name** field, select Lorex
In the **Type** field, select TCP
In the **Start Port** field, enter the first number of the port you need to port forward (e.g. 5000)
In the **Finish Port** field, enter the ending port number (e.g. 5003)
Check the **Apply** button



Step 6:

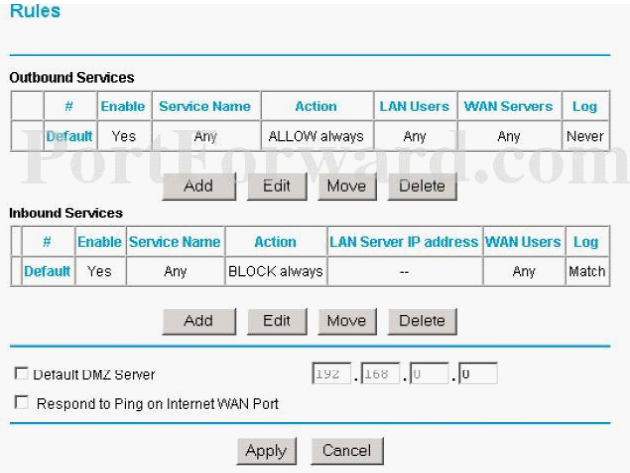
Next, in the **Security** option, select **Rules**



Source: Portforwarding.com

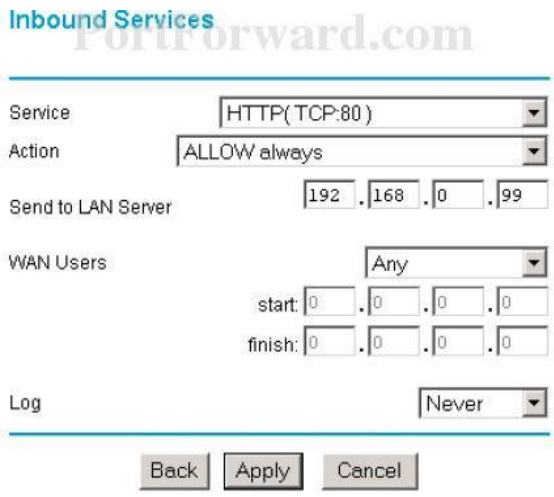
Step 7:

Next, in the **Rules** screen select **Add** in the inbound services.



Step 8:

Next, in the **Inbound** services proceed as follows:
In the **Service** drop down list, select the newly created Lorex entry.
In the **Action** field, select **ALLOW** always.
In the **Send to LAN** Server field, enter your computers IP address.
In the **WAN Users** field, set to **Any**.
In the **Log** field, set to **Never**.
Click on **Apply**.



Port forwarding is now complete! Return to the quick set up guide and proceed with the rest of the installation process.

Source: Portforwarding.com

PORT FORWARDING – NETOPIA ROUTER

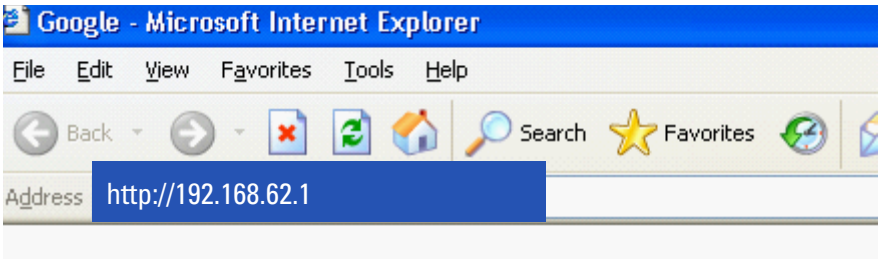
The port forwarding process may vary depending on the brand and model number of the router being used. Port forwarding of a router is required to allow user access to your network device.

Regardless of the Netopia being used, the process of port forwarding is similar. You will need to enable the ports by locating the port range forwarding screen. The set up instruction outlined below is an example of port forwarding a Netopia Router using **Netopia Model 3346.**

Step 1:

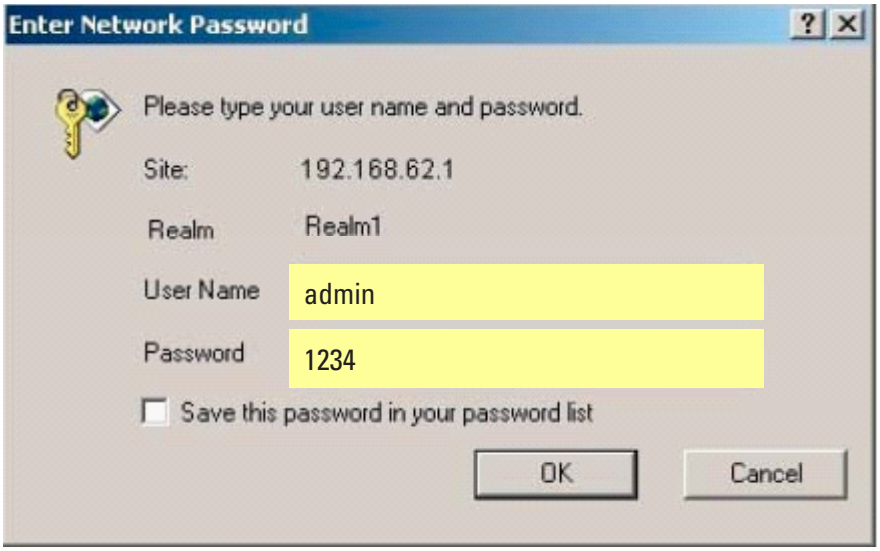
Open your web browser.

Enter the router IP address **192.168.62.1** in the address bar as shown below, followed by pressing **Enter.**



Step 2:

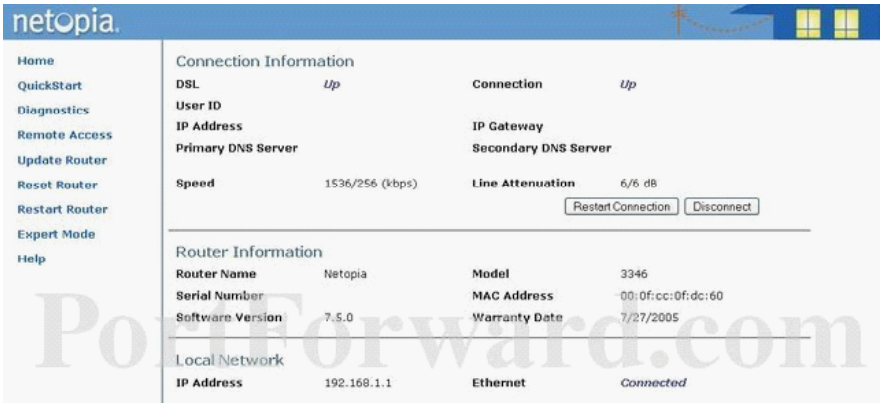
Enter **'admin'** in the User Name and **'1234'** in the Password dialog box followed by **'OK'** to enter the Netopia configuration page.



Source: Portforwarding.com

Step 3:

Select **Expert** Mode



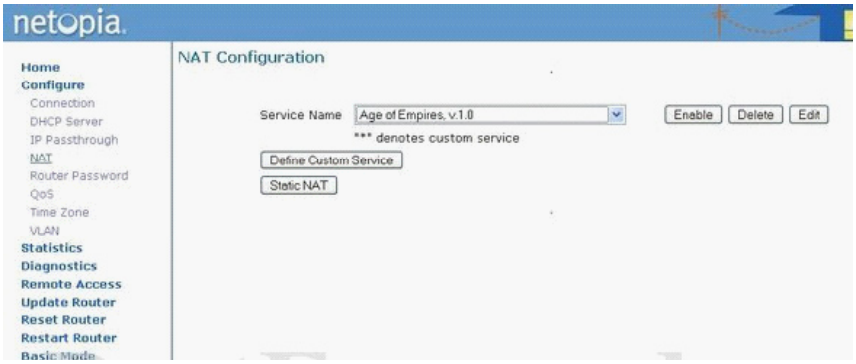
Step 4:

Select the **Yes, enter expert mode** button

Source: Portforwarding.com

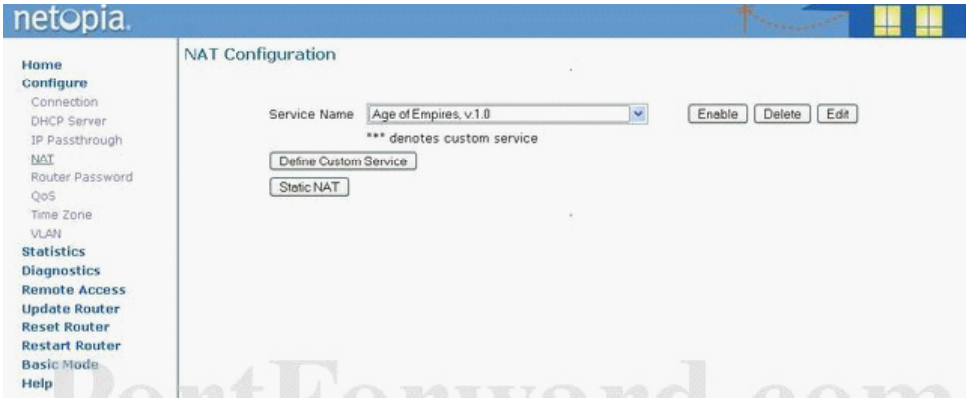
Step 5:

Select **Configure** followed by selecting **NAT**:



Step 6:

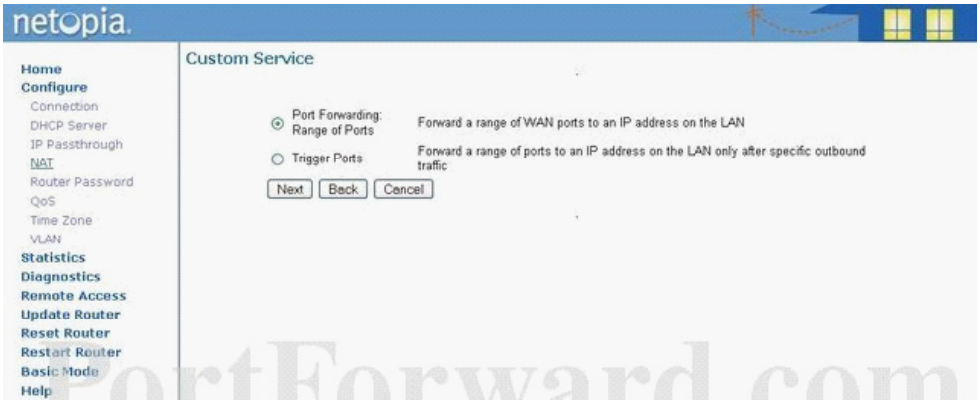
Select the **Define Custom Service** button



Source: Portforwarding.com

Step 7:

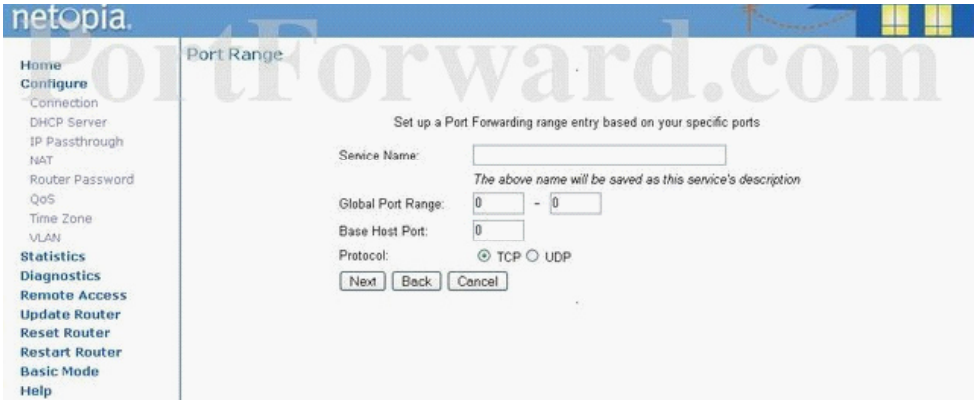
Select **Port Forwarding Range of Ports**, followed by **Next**:



Step 8:

In the Port Range screen, proceed as follows:

In the **Service Name** field, type **LOREX**
In the **Global Port Range** field, enter in the first box, the first number of the port you need to port forward **(e.g. 5000)** and in the second box the ending port number **(e.g. 5003)**
In the **Base Host** Port enter the first port to be forwarded **(5000)**
In **Protocol,** select **TCP**
Select the **Next** button when complete



Source: Portforwarding.com

Step 9:

In the **Nat Configuration** Menu, use the **Service Name down** box and select the configuration just created. Select the **Enable** button.

Port forwarding is now complete! Return to the quick set up guide and proceed with the rest of the installation process.

Source: Portforwarding.com

PORT FORWARDING – MOTOROLA ROUTER

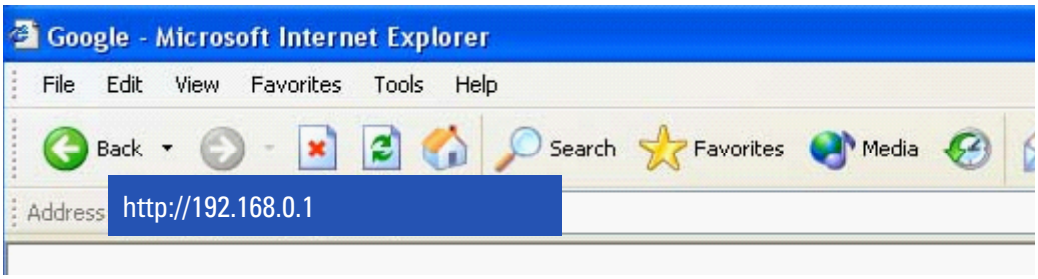
The port forwarding process may vary depending on the brand and model number of the router being used. Port forwarding of a router is required to allow user access to your network device.

Regardless of the Motorola router being used, the process of port forwarding is similar. You will need to enable the ports by locating the port range forwarding screen. The set up instruction outlined below is an example of port forwarding a Motorola Router using **Motorola Model SBG 1000.**

Step 1:

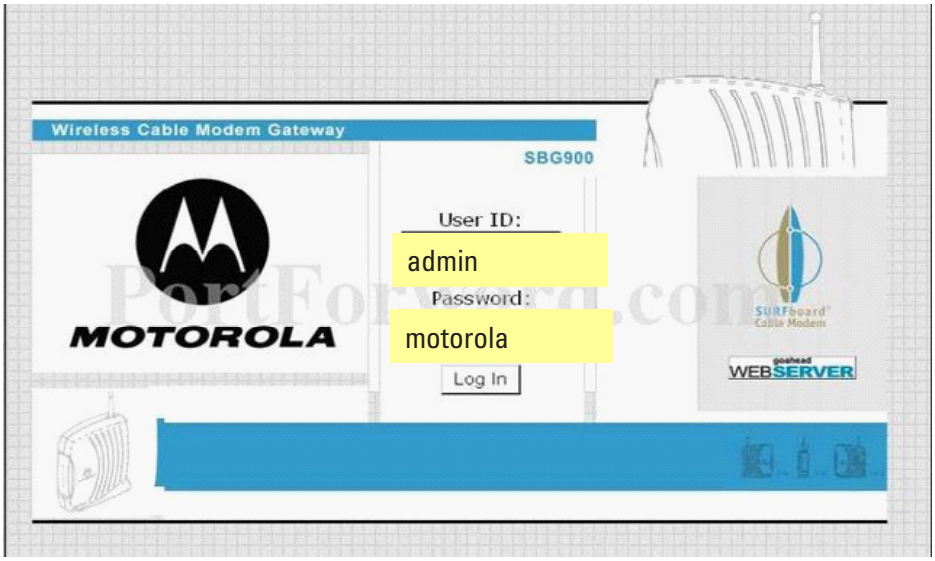
Open your web browser.

Enter the router IP address 192.168.0.1 in the address bar as shown below, followed by pressing Enter.



Step 2:

Enter **'admin'** in the User ID and **'motorola'** in the Password dialog box followed by clicking **'Log In'** to enter the Motorola configuration page.



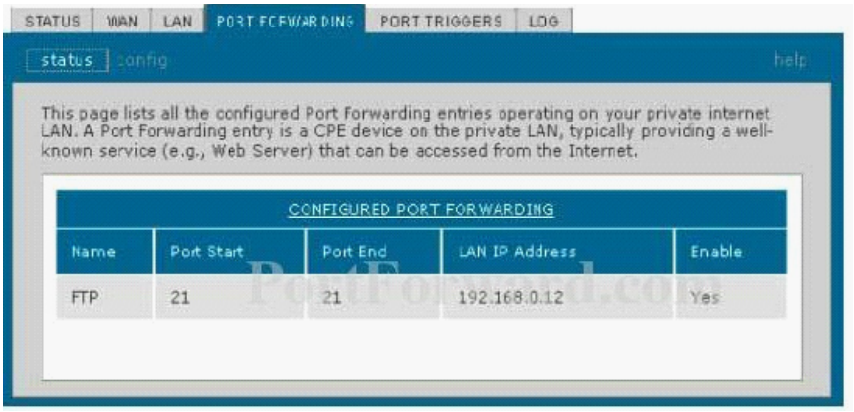
Source: Portforwarding.com

Step 3:

Select the **Gateway** button

Step 4:

Select the **Port Forwarding** button



Source: Portforwarding.com

Step 5:

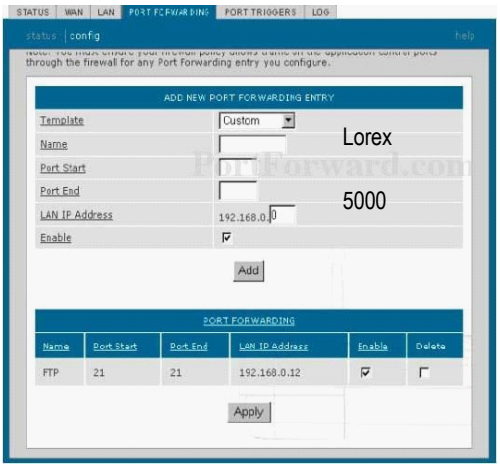
Select **Config**

Step 6:

Select In the Add New Port Forward Entry screen, proceed as follows:

In the **Template** field, select **Custom**
In the **Name** field, select **Lorex**
In the **Port Start** field, enter the first number of the port you need to port forward (e.g. **5000**)
In the **Port End** field, enter the ending port number (e.g. **5003**)
In the **LAN IP** Address field enter the IP address **(192.168.0.1)**
Check the **Enable** button
Finally click the **Add** button, followed by selecting the **Apply** button.

5003



Port forwarding is now complete! Return to the quick set up guide and proceed with the rest of the installation process.

Source: Portforwarding.com

PORT FORWARDING – 2 WIRE ROUTER

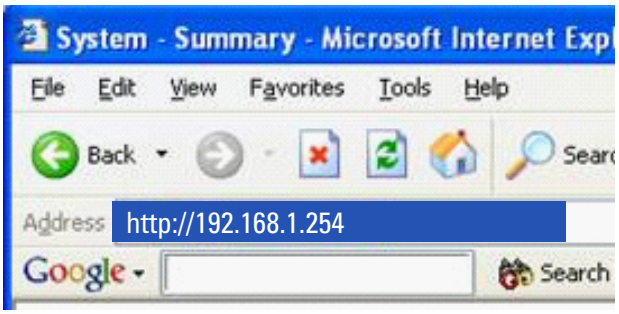
The port forwarding process may vary depending on the brand and model number of the router being used. Port forwarding of a router is required to allow user access to your network device.

Regardless of the 2 Wire Router being used, the process of port forwarding is similar. You will need to enable the ports by locating the port range forwarding screen (Note: in many 2 wire systems, it is located in the firewall setting). The set up instruction outlined below is an example of port forwarding a 2 Wire Router using **2 Wire Model 1800G.**

Step 1:

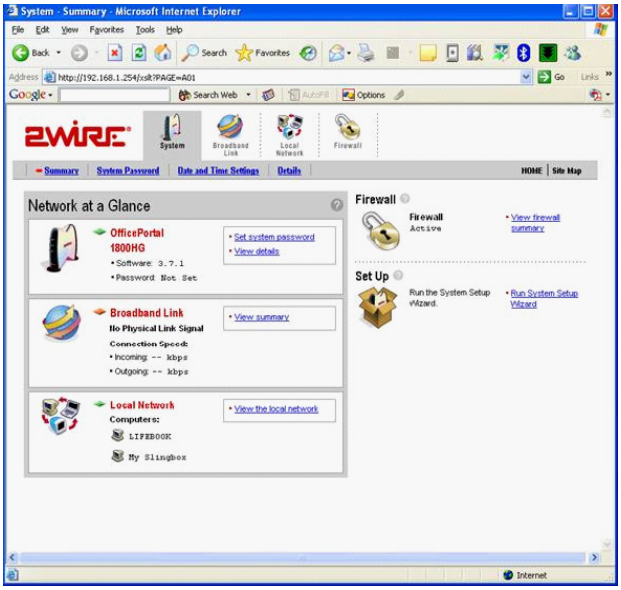
Open your web browser.

Enter the router IP address **192.168.1.254** in the address bar as shown below, followed by pressing **Enter**.



Step 2:

Select the **Firewall** Tab.



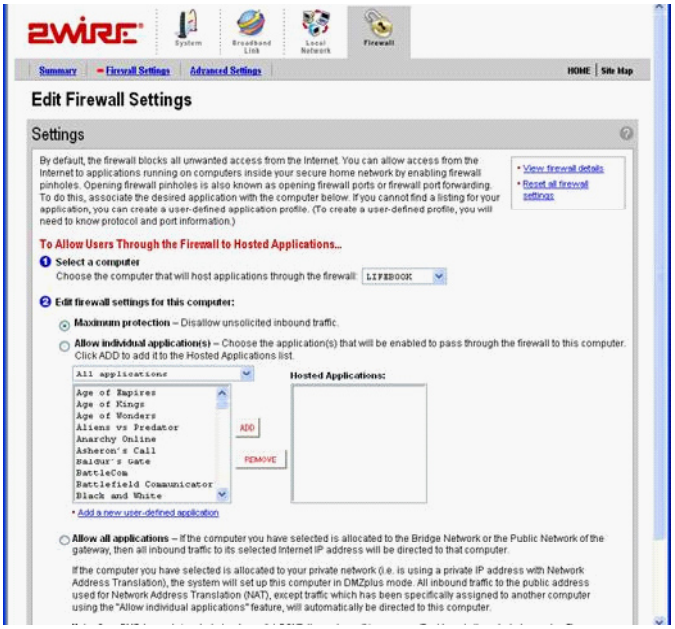
Source: Portforwarding.com

Step 3:

Select **Firewall** Settings..

Step 4:

In the **Edit Firewall Settings** tab, select **add a new** user defined application



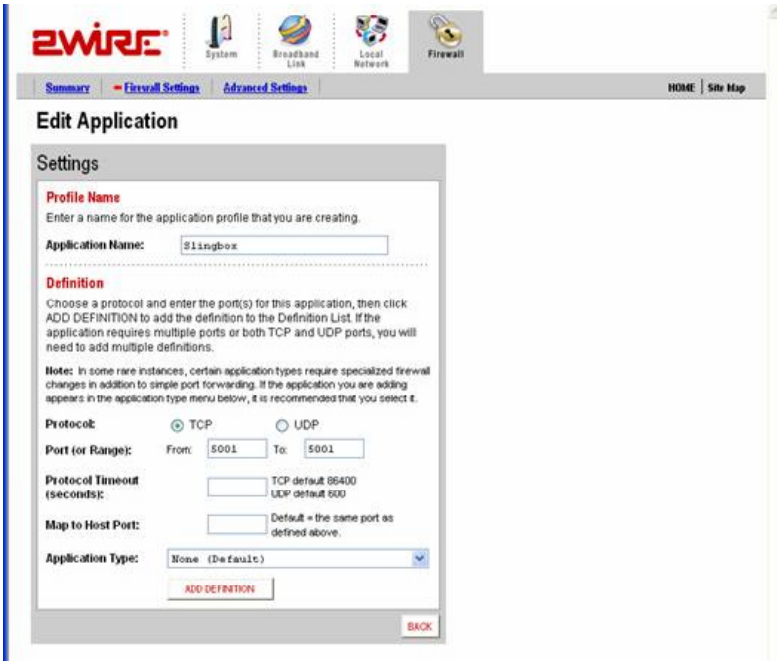
Source: Portforwarding.com

Step 5:

In the **Edit Firewall** Settings proceed as follows:

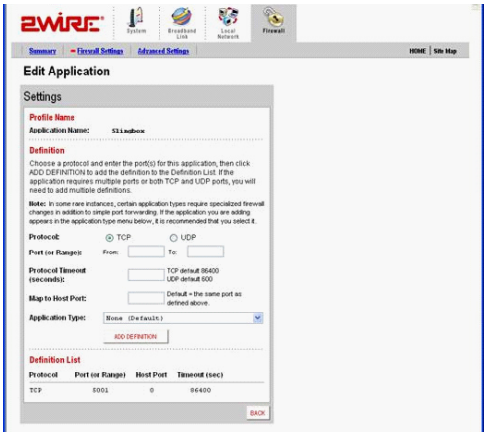
In the **Application Name** field, type **LOREX**
In the **Protocol selection**, select **TCP**
In the **Port field**, enter in the first box, the first number of the port you need to port forward (e.g. 5000) and in the second box the ending port number (e.g. 5003).

Select the **Add Definition** button



Step 6:

Select the **Back** button to return to the Edit Firewall Screen



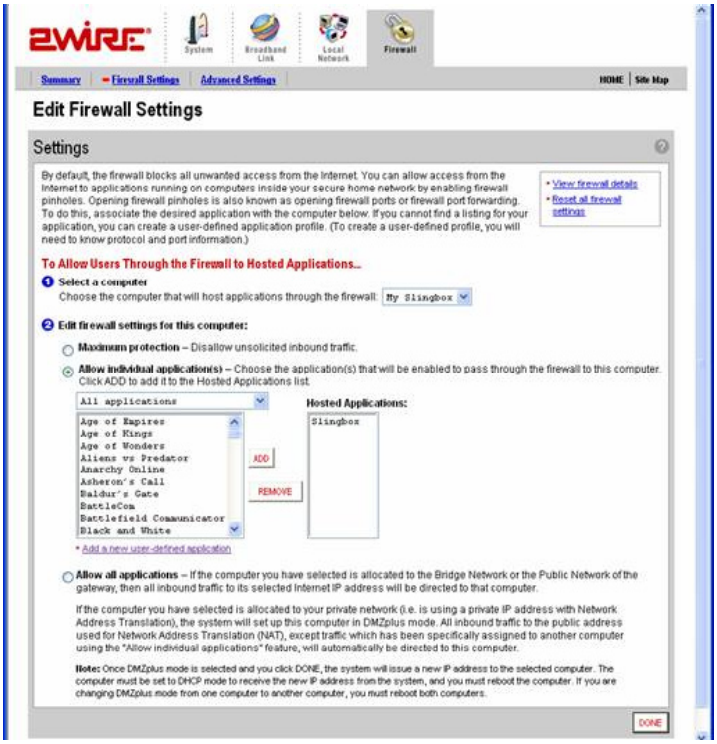
Source: Portforwarding.com

Step 7:

In the Edit Firewall Settings proceed as follows:

In the **Select a Computer** field, select **LOREX**
In the **Edit a Firewall** Setting, check the **Allow Individual Applications** box and highlight the **Lorex** application which you just created. Click **Add**

Finally select the **Done** button at the bottom of the screen.



Port forwarding is now complete! Return to the quick set up guide and proceed with the rest of the installation process.

Source: Portforwarding.com

www.lorexcctv.com

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