Port Forwarding Setup
(3G18Wn)
Port Forwarding

Port forwarding enables programs or devices running on your LAN to communicate with the internet as if they were directly connected.

This is most commonly used for VOIP ATA devices or online gaming (via game console or computer).

Port forwarding works by “forwarding” a specific TCP or UDP port from the modem / router to the computer or device you are using.

You can also restrict which incoming connections will have the rule applied to it. This enables you to specify all incoming connections, from a specific subnet or from an individual IP address.*

Different services and different games all use different TCP or UDP ports.

You will need to consult any information supplied with your service or game in order to find which ports need to be forwarded.

You can only forward a port to one location (IP address).

In some cases, this may cause issues when multiple LAN devices (computers, game consoles, or VOIP ATAs) attempt to use online gaming at same time or make multiple VOIP service connections.

In these cases, you would need to use an alternate port for any subsequent connections after the first device.

Please consult your VOIP provider or game manufacturer for assistance with this.

* - If supported by your model of modem / router.
Adding a Port Forwarding Rule

This guide will take you through the steps required to add a port forwarding rule to your modem/router.

1. Navigate to http://192.168.20.1 in a web browser using “admin” (no quotes) as both the username and password.
2. Select the Port Forwarding option from the Firewall menu.

3. Set the Virtual Server Settings to Enable.

4. Enter the IP Address, the source (local) location of the device that is connected to the 3G18Wn. It is best practice to reserve the IP address first on the Internet Settings > LAN page. The IP address will be in the range of 192.168.20.x where x can be from 2 to 254.

5. Enter the port number or Port Range you wish to use for the port forwarding rule. If the port number is a single number enter the same number in both fields.

6. Enter the Protocol to be used in the port forwarding rule. Options include TCP, UDP or TCP&UDP.

7. Enter a Comment to identify the port forwarding rule.

8. Press the Apply button.
9. The completed port forwarding rule will be displayed (as highlighted above) in the list entitled **Current Virtual Servers in System**:

10. Select **Administration > Settings Manager** and press the **Reboot** button to restart the router and let the new port forwarding rule take affect.

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