

# Service Managed Gateway™

## Installing your GW6000 Series SMG



Issue 0.1







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# 1 Unpacking the router

## 1.1 Package contents

Check that you have all the components listed below.

1x GW6000		
1x purple ADSL cable	Both ends of the cable looks like this:	
1x yellow Ethernet cable.	Both ends of the cable look like this:	
1x black dial modem cable for PSTN (with v90 models only)	One end of the cable looks like this: The other end of the cable looks like a standard telephone connector.	
1 x optional ADSL filter		
1x power cord		

**Table 1: Components for installing your GW6000**

Unpack the contents. There is a corresponding silver label located on the bottom of the router.

## 1.2 GW6000 series serial number and model descriptions

When you receive your GW6000 package retain the outer packaging. The label containing the model number, serial number (S/N) and part number (P/N) is located on the side of the packaging box.

Each GW6000 is assigned a unique serial number. Record your device serial number on a printed copy of your warranty or somewhere you can easily access it. You must reference your unique serial number (S/N) when you contact your distributor or Virtual Access support for installation and configuration confirmation or should you request service on the device.



**Figure 1: The model number on the side of the packaging**

Check that all the parts are in your package before you install your SMG.

If there is a 'Y' in a field, you should have that part. If there is an 'O' in a field, it is an optional part. If you are missing any parts, please contact your distributor.

<b>Model Number</b>	<b>Port Description</b>	<b>Power Supply Unit (PSU)</b>	<b>Power Cable</b>	<b>WAN Connection Cable RJ11 purple</b>	<b>Modem (PSTN) Cable BT-RJ11 white</b>	<b>LAN Connection Cable</b>	<b>ADSL Filter</b>
<b>GL6110A</b>	ADSL Annex A, Quad Ethernet	Y	Y	Y	-	Y	O
<b>GL6110AM</b>	ADSL Annex M, Quad Ethernet	Y	Y	Y	-	Y	O
<b>GL6125A</b>	ADSL Annex A, Quad Ethernet, V.92 Modem	Y	Y	Y	Y	Y	O
<b>GL6125AM</b>	ADSL Annex M, Quad Ethernet, V.92 Modem	Y	Y	Y	Y	Y	O
<b>GW6110A</b>	ADSL Annex A, Quad Ethernet	Y	Y	Y		Y	O
<b>GW6110AM</b>	ADSL Annex M, Quad Ethernet	Y	Y	Y		Y	O
<b>GW6125A</b>	ADSL Annex A, Quad Ethernet, V.92 Modem	Y	Y	Y	Y	Y	O
<b>GW6125AM</b>	ADSL Annex M, Quad Ethernet, V.92 Modem	Y	Y	Y	Y	Y	O

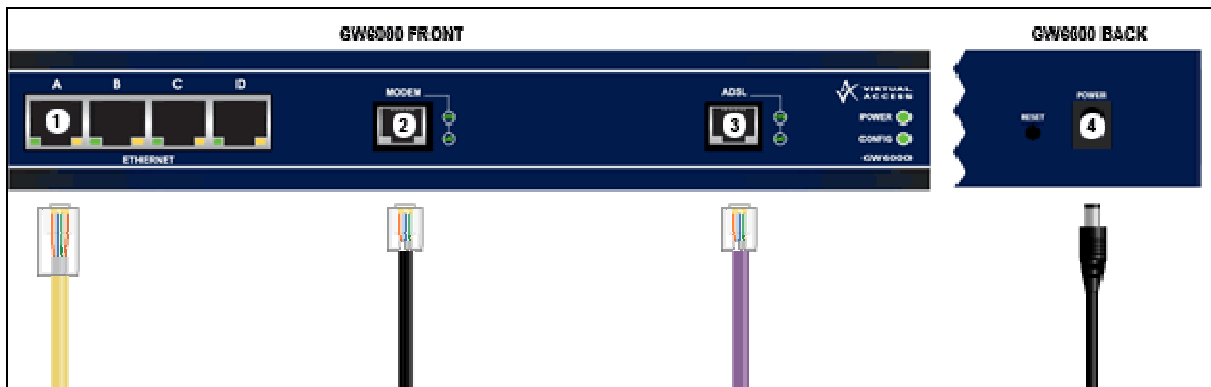
**Table 2: GW6000 series model numbers and cables**

## 2 Installing your GW6000 or GL6000 SMG before it is automatically configured

The SMG is shipped in its factory default configuration for automatic configuration. After you have powered up the router for the first time, the config LED flashes to indicate that it is in a factory default configuration. The SMG automatically downloads its firmware and configuration files either via the ADSL or V90 connection. After connecting the cables, the automatic configuration process will take between 5 – 10 minutes. After the configuration is complete, the unit will reboot. After reboot the config LED will be solid to indicate that the automatic configuration process has been successful.

If this process is not successful, contact your support team.

### 2.1 Installing a GW6000 or GL6000 ADSL SMG



**Figure 2: The cables you need to connect an ADSL connection**

1. On your GW6000 series SMG, connect one end of the yellow RJ45 Ethernet cable to the Ethernet port marked A. Connect the other end into the LAN port of your PC or to a LAN hub.
2. Connect the RJ11 end of the black cable to the port marked MODEM. Connect the other end to a PSTN telephone socket.
3. To connect directly to an ADSL service, connect one end of the RJ11 connector on the purple cable to the port marked ADSL-0. Connect the other end of the RJ11 connector to the ADSL socket on the wall. This socket can be an RJ45 or an RJ11 port. The RJ11 will fit into both.

If you are using a cable or ADSL modem and not a direct service connection, do not connect the ADSL cable. Connect one end of an Ethernet cable to one of the Ethernet ports marked B, C, or D. Connect the other end of the cable to the Ethernet port on your ADSL or cable modem.

4. Connect the power supply connector to the Power port on the back of the SMG.

The SMG initialises. The CONFIG LED flashes, and all the LEDs temporarily light in sequence. Then your SMG activates.

The activation process can take between 2 and 10 minutes. The CONFIG light flashes throughout activation. When activation finishes, your SMG enters operational mode.