

DVG-G1402S Configuration for GOtalk

In the following guide we will cover all of the settings required to configure your DVG-G1402S with your GOtalk VoIP Account.

Factory Reset

It is recommended to factory reset your router before we proceed with the correct settings to ensure that all the settings that we enter are stored correctly. To factory reset the unit power on the unit and wait for it to be in a system idle state (about 30-40 seconds after power on) then press and hold the Factory Reset button. Continue to hold the Factory Reset button for 10-15 seconds then release; this will then restart the unit In a Factory Default state.



Reset Button is shown above by the red arrow

Accessing the Web Interface

Now to configure your unit from scratch we will need to connect to the interface via a Web Browser. Any browser will be fine but for this guide we will be using Internet Explorer 6.0 (IE6). To log into the router open up IE6 and type "<http://192.168.15.1>" into the address bar. This will now prompt you for a username and password to configure the DVG-G1402S as shown below:

Connect to 192.168.15.1

DVG-G1402S

User name:

Password:

Remember my password

OK Cancel

Username: "admin", Password: "admin"

You will now need to enter the username and password to access the device. The username will be "admin" and the password is also "admin". Once you have entered the username and password press the OK button.

Configuring the Connection to the Internet

Now that we have accessed the DVG-G1402S's Web Interface we will now need to configure the router for Internet connection. Select Home tab on top and then click on WAN button on the left.

You will see several options for different types of Internet connections. It is very common for broadband modems to carry out the authentication process, so all you need to do on your router is to set it to the "Dynamic IP Address" option (it is selected by default). If your provider requires PPPoE login and your modem does not have PPPoE built in (so you had to run PPPoE client on your computer when the modem was connected to your PC), select the PPPoE option. Specify your ISP's account username and password.

If you have one of the recent broadband modems which are capable of handling the authentication with your ISP, leave your router on the "Dynamic IP" option.

Click on Apply when done.

P.S. If you are connecting to Bigpond Cable you will need to select the "Dynamic IP" option in the router and run the login software on your computer(s). We recommend using the BPALogin client:

<http://www.dlink.com.au/tech/faqs/default.asp?model=DVG-G1402S&TemplateId=23678>



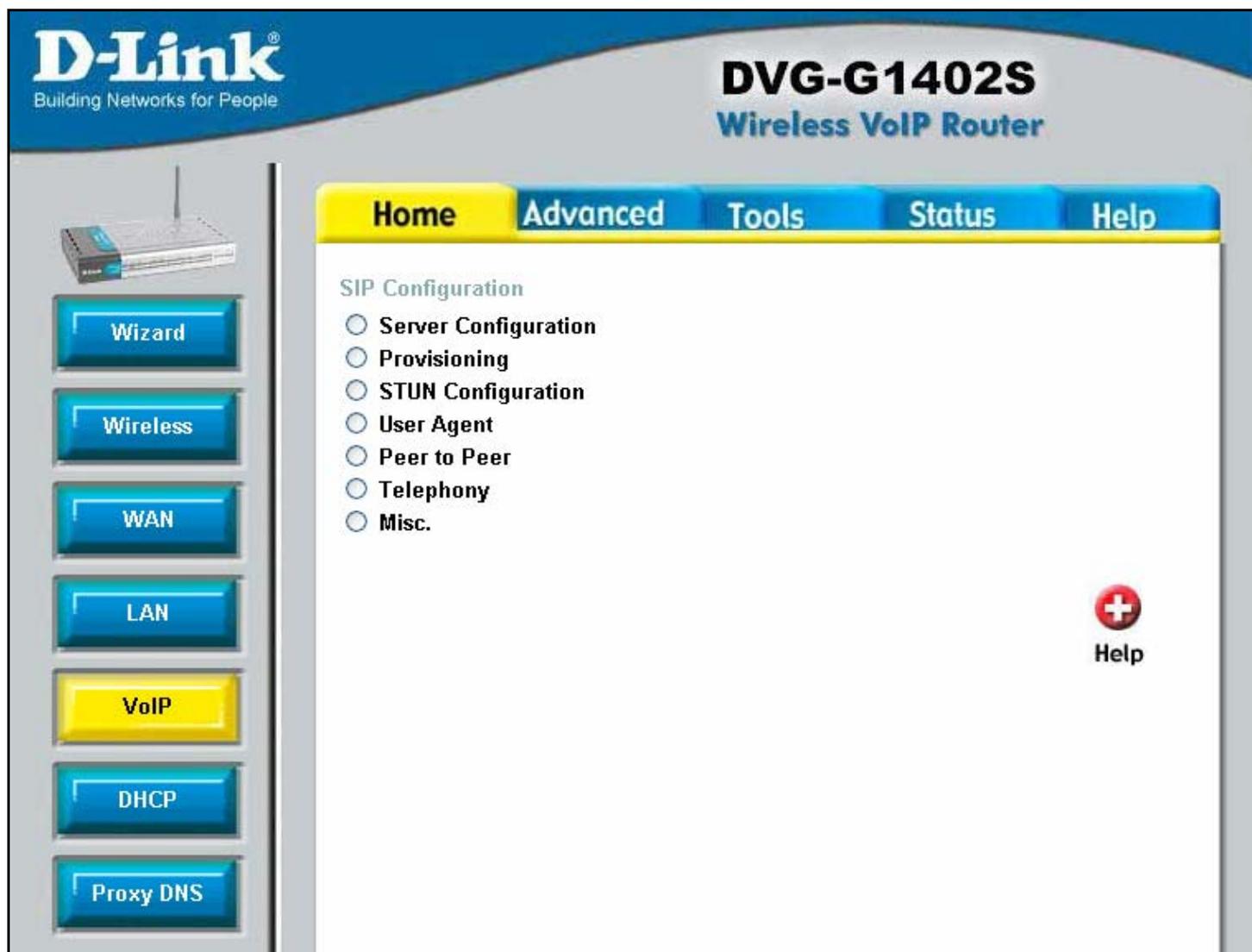
The screenshot displays the web interface of a D-Link DVG-G1402S Wireless VoIP Router. The interface is titled "D-Link Building Networks for People" and "DVG-G1402S Wireless VoIP Router". On the left side, there is a navigation menu with buttons for "Wizard", "Wireless", "WAN" (highlighted in yellow), "LAN", "DHCP", and "Proxy DNS". The main content area is titled "WAN Settings" and includes a navigation bar with "Home", "Advanced", "Tools", "Status", and "Help" tabs. The "Home" tab is selected. The "WAN Settings" section contains the following information:

- WAN Settings**
Please select the appropriate option to connect to your ISP.
- Dynamic IP Address**: Choose this option to obtain an IP address automatically from your ISP. (For most Cable modem users)
- Static IP Address**: Choose this option to set static IP information provided to you by your ISP.
- PPPoE**: Choose this option if your ISP uses PPPoE. (For most DSL users)
- Dynamic IP**
 - Host Name: (optional)
 - MAC Address: 00 - 0f - 3d - a8 - 55 - a3 (optional)
 -
 - Primary DNS Address: 0 . 0 . 0 . 0
 - Secondary DNS Address: 0 . 0 . 0 . 0 (optional)

At the bottom right of the form, there are two buttons: "Apply" (with a green checkmark icon) and "Cancel" (with an orange X icon).

Configuring the SIP Server for *GOtalk*

We now need to configure the SIP Settings for your *GOtalk* VoIP Account. This is done by clicking on the Home tab at the top of the page and then selecting the VoIP button in the left hand navigation bar. You should see the below page appear:



From the above selection press on **Server Configuration**. This will now bring up the SIP Server configuration page as shown over the page. We will need to change the below settings:

Server FQDN: Enabled
Domain Name: sip.gotalk.com
Secondary Server FQDN: Enabled
Secondary Domain Name: sip.gotalk.com
Secondary Port: 5060
Outbound Proxy State: Enabled
Outbound Proxy Server FQDN: Enabled
Outbound Proxy Domain Name: sip.gotalk.com
Outbound Proxy Port: 5060
Service Domain: sip.gotalk.com
User Parameter Phone: Disabled
Register Expiration: 240

Once all of the settings have been entered it should look like the below, if all is correct then click on the Apply button to save these changes.



- Wizard
- Wireless
- WAN
- LAN
- VoIP**
- DHCP
- Proxy DNS

Home **Advanced** **Tools** **Status** **Help**

SIP Server

Server FQDN

IP Address

Domain Name

Port

Secondary Server FQDN

Secondary IP Address

Secondary Domain Name

Secondary Port

Outbound Proxy State

Outbound Proxy Sever FQDN

Outbound Proxy IP Address

Outbound Proxy Domain Name

Outbound Proxy Port

Service Domain

URL Format

User Parameter Phone

Caller ID Delivery

Display CID

Timer T2 sec

Initial Unregister

Register Expiration sec

Session Expires sec

Min-SE sec

Session Expires Refresher

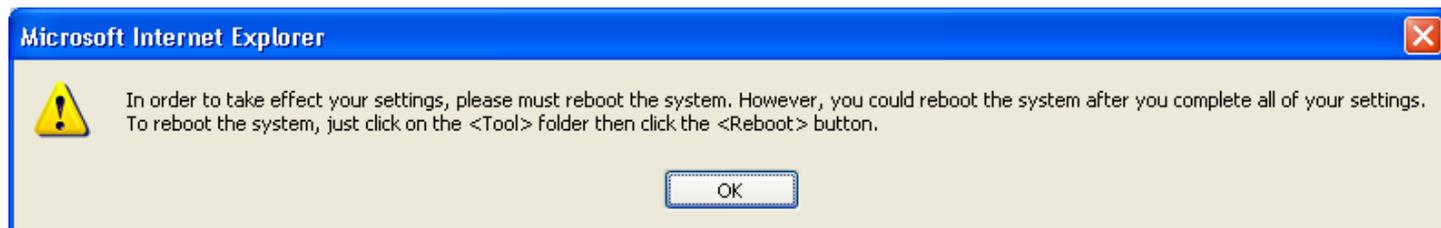
Codec Priority & Packet Interval

G.711a-law	<input type="text" value="3rd"/>	<input type="text" value="20"/> ms
G.711u-law	<input type="text" value="2nd"/>	<input type="text" value="20"/> ms
G.729a	<input type="text" value="1st"/>	<input type="text" value="20"/> ms
G.726	<input type="text" value="no-use"/>	<input type="text" value="20"/> ms

Digit Map



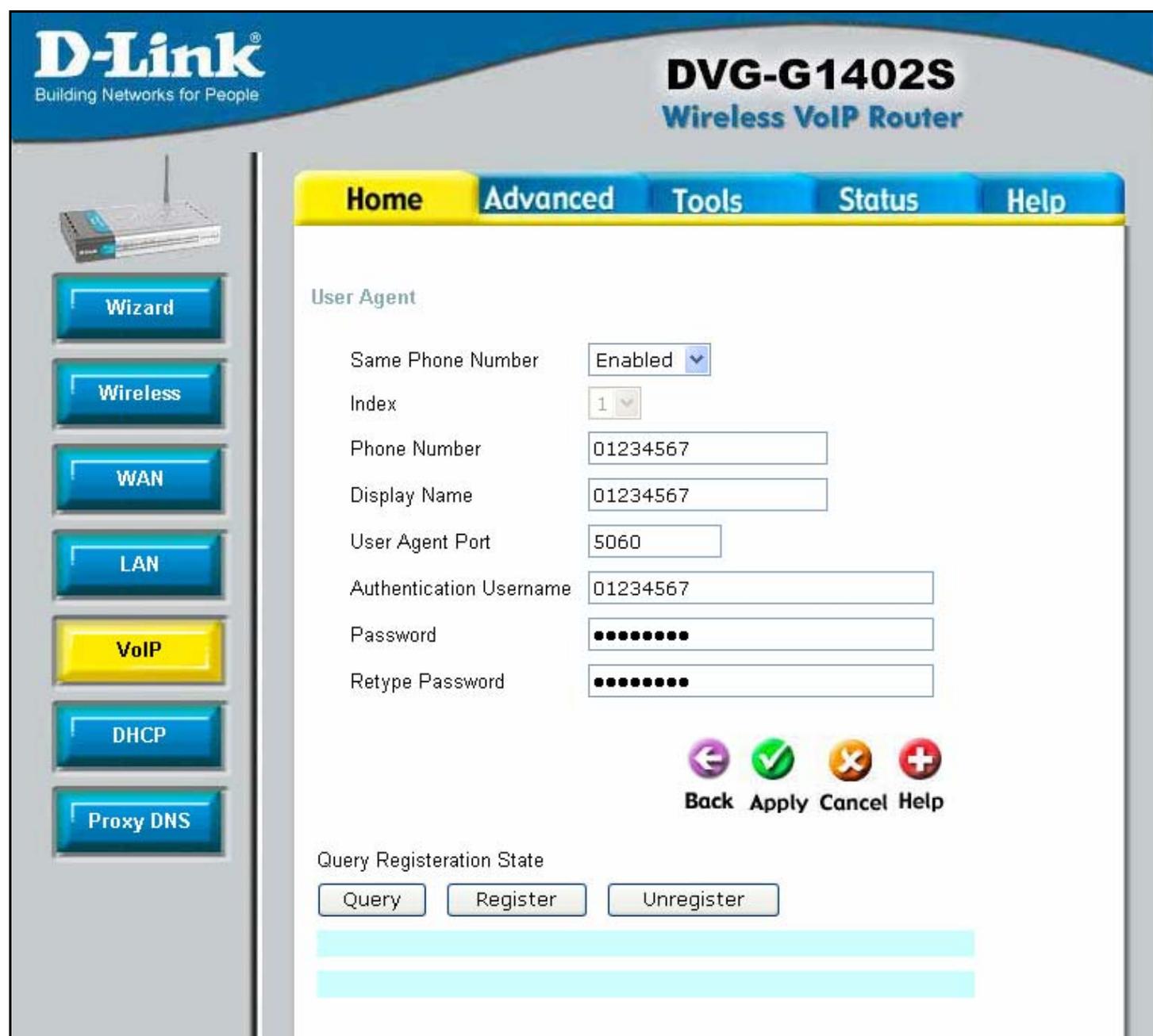
In order to save these changes permanently we will need to do a Reboot of that router but for now just click on the OK button and we will Save the settings and Reboot the router when all settings are completed.



Ok now that we have changed all of the SIP Server settings scroll to the bottom of the page and click on the Back button to return to the main VoIP configuration page.

Configuring the VoIP Phone Account

Now that we have configured the correct values for the *GoTalk* SIP Server we can now setup the Phone Account, to do this select **User Agent**. This will now show the below page and allow us to setup the Phone Number and logins for VoIP account.

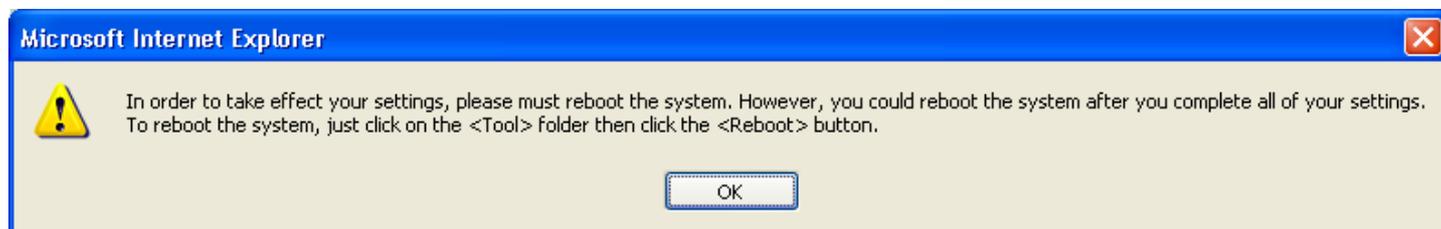


We now need to enter in your settings to get your account to become active. Below is a list of the settings that you will need to enter into this page:

Same Phone Number: Enabled
Phone Number: <GOTalk Username>
Display Name: <GOTalk Username> or a name to be shown while using Caller ID
Authentication Username: <GOTalk Username>
Password: <GOTalk Password>
Retype Password: <GOTalk Password>

**** Please note that you can find your GOTalk Username and Password on a white sticker on the underside of the DVG-G1402S ****

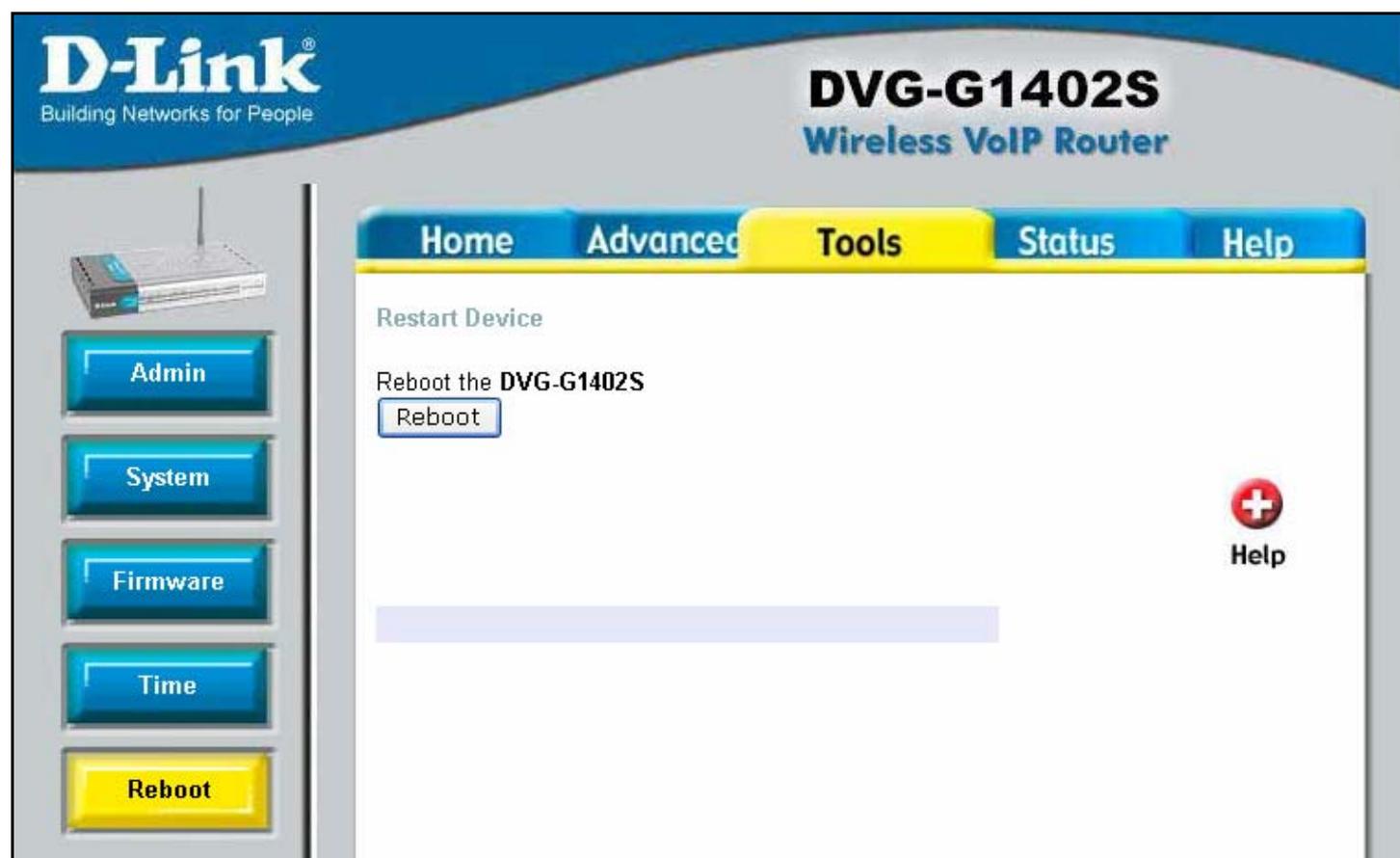
Once you have entered all of the above settings into the unit click on the Apply button to Save the settings. Once again you will see the below message box appear, just click on OK.



We have now configured the unit with all the SIP Server Settings and the Phone Account Settings. The last thing left to do is save and reboot the unit.

Saving the Settings and Restarting the Router

In order to make all of the above changes effective and save them permanently we will need to click on Tools at the top of the page then click on Reboot from the left hand navigation bar. This will now show the below page:



Now click on the Reboot button. This will then Save and reboot the router. You will see the below bar while the unit is restarting, when the unit is ready it will prompt you for the Web Interface login again.

Please wait system restart.....

The DVG-G1402S is now setup for the VoIP account. Your unit should now be connected to the Internet and allow for you to make VoIP Phone Calls.