NetCommWireless

NF3ADV VoIP Setup Guide
(for Engin)

<p align="center"><u>**Configuring your NF3ADV for Engin VoIP**</u></p>

The following steps will take you through the process of setting up your VoIP connection.

Step 1: Checking Computer Network Settings:

You will need to connect your computer directly to your VoIP device (modem or ATA) and set the network connection on your computer to obtain an IP address automatically. Please follow the instructions appropriate for your operating system below:

Below are the instructions for setting Windows XP to obtain an IP address automatically for your ethernet connection:

1. Click on the **Start Menu**, and go to "**Control Panel**".
2. Click on "**Network Connections"**.
   (If you only see "**Network and Internet Connections**", open that first, and then click on "**Network Connections**".)
3. Right click on "**Local Area Connection**" and select "**Properties**".
4. Double-click on "**Internet Protocol**".
5. Select "**Obtain an IP address automatically**", and "**Obtain DNS server address automatically**".
6. Click "**OK**", and then click "**OK**" (or "**Close**").

Below are the instructions for setting Windows Vista to obtain an IP address automatically for your ethernet connection:

1. Click on the **Start Menu**, and go to "**Control Panel**".
2. Click on "**Network and Sharing Centre**".
   (If you only see "**Network and Internet**", open that first, and then click on "**Network and Sharing Centre**".)
3. Click on "**Manage network connections**" (*on the lefthandside of the window*).
4. Right click on "**Local Area Connection**" and select "**Properties**".
5. Double-click on "**Internet Protocol Version 4 (TCP/IPv4)**".
6. Select "**Obtain an IP address automatically**", and "**Obtain DNS server address automatically**".
7. Click "**OK**", and then click "**OK**" again.

Below are the instructions for setting Windows 7 to obtain an IP address automatically for your ethernet connection:

1. Click on the **Start Menu**, and go to "**Control Panel**".
2. Click on "**Network and Sharing Centre**".
   (If you only see "**Network and Internet**", open that first, and then click on "**Network and Sharing Centre**".)
3. Click on "**Change adapter settings**" (*on the lefthandside of the window*).
4. Right click on "**Local Area Connection**" and select "**Properties**".
5. Double-click on "**Internet Protocol Version 4 (TCP/IPv4)**".
6. Select **"Obtain an IP address automatically"**, and "**Obtain DNS server address automatically**".
7. Click "**OK**", and then click "**OK**" again.

Below are the instructions for setting Mac OS X to obtain an IP address automatically for your ethernet connection:
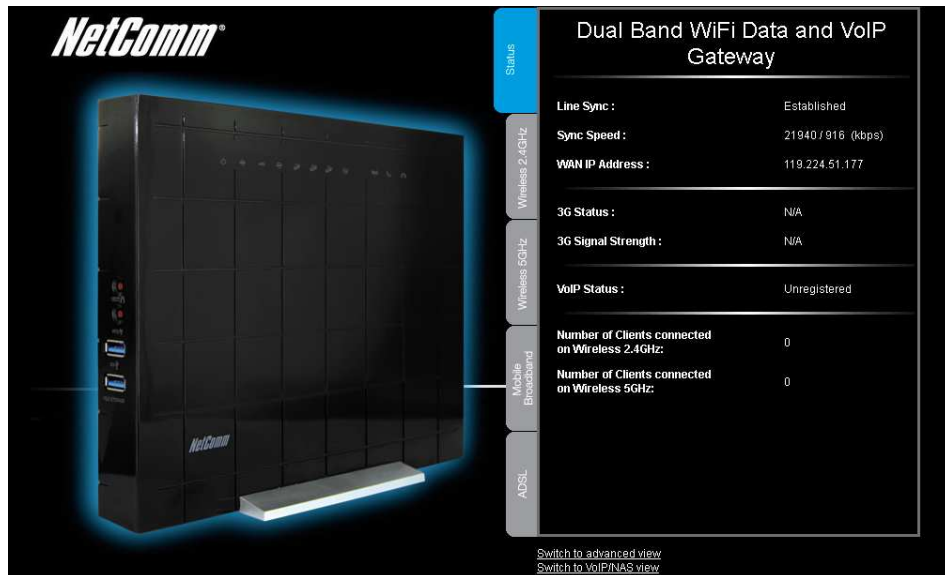
1. Click on the Apple Menu, and go to "**System Preferences**".
2. Click on "**Network**".
3. Click on "**Ethernet**" or "**Built-in Ethernet**".
4. Click on the "**Configure**" drop-down box, and select "**Using DHCP**" then click "**Apply**".

Step 2: Configuring your VoIP settings:

1. Navigate to http://192.168.1.1 in a web browser.

2. Enter "admin" as both the username and password and press the Login button.

3.   Select the "Switch to VoIP/NAS View" option at the bottom of the screen.

ID	Name	Phone	Enable
1			☐
2			☐
3			☐
4			☐
5			☐
6			☐
7			☐
8			☐
9			☐
10			☐

<< Previous   Next >>   Save   Undo

4.   Select the "Service Domain" option from the "SIP Setting" menu.

Item	Setting
SIP Account	1 SIP Account
Phone Set	Phone
WAN Interface	PVC0

Item	Setting
Display Name	Your-Engin-VoIP-Number
UserName	Your-Engin-VoIP-Number
Register Name	Your-Engin-VoIP-Number
Register Password	••••••••
Realm	byo.engin.com.au
Domain	byo.engin.com.au
Proxy Server	byo.engin.com.au
Registrar	byo.engin.com.au
Use Outbound Server	⦿ Enable ○ Disable
Outbound Proxy	syd.byo.engin.com.au
Status	Registered

Save   Undo

5.   Enter the following details as provided by Engin:

ITEM	DEFINITION
Display Name	Your Engin VoIP Number.
UserName	Your Engin VoIP Number.
Register Name	Your Engin VoIP Number
Register Password	Your Engin supplied VoIP password.
Realm	byo.engin.com.au or 203.161.164.69
Domain	byo.engin.com.au or 203.161.164.69
Proxy Server	byo.engin.com.au or 203.161.164.69
Registrar	byo.engin.com.au or 203.161.164.69
Outbound Proxy	syd.byo.engin.com.au or 203.161.160.69

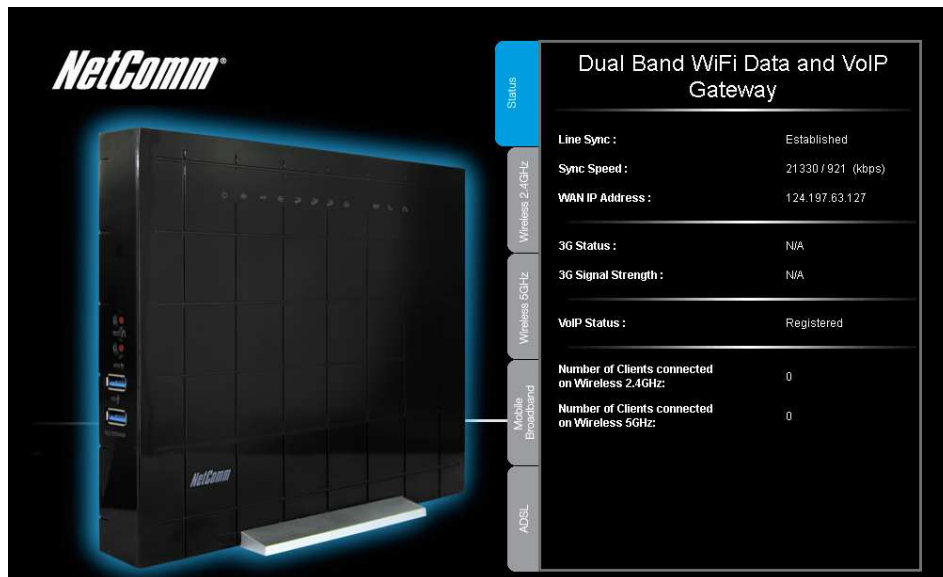6.   Press the Save button at the bottom of the screen.

7. Select the "Switch to Advanced View" button at the top of the screen.

Status	▶ Network Setup	▶ Forwarding Rules	▶ Security Settings	▶ Advanced Settings	▶ Toolbox

IPv4 System Status

Item	WAN Status	Sidenote
IP Address	124.197.63.127	PPPoA
Subnet Mask	255.255.255.255	
Gateway	202.180.81.26	
Domain Name Server	202.180.64.10 , 202.180.64.11	
Connection Time	02:03:32	Disconnect
ADSL Connection (Down Stream/Up Stream)	21330 / 921 (kbps)	

IPv6 System Status

Item	WAN Status	Sidenote
WAN Link-Local Address		Dynamic IPv6
Global IPv6 Address	/64	
LAN IPv6 Link-Local Address	fe80::260:64ff:fe59:17eb	
Link Status		Connecting...

8. Select the Reboot option from the Toolbox menu to reboot the router.

9. After logging back into the router, check that the VoIP Status is now "Registered" (as the example above shows). Your Engin VoIP service is now ready for use.