



NB16WV VOIP Setup Guide
(for GoTalk)

Configuring your NB16WV for VOIP Service

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:

Troubleshooting Tip

One sided VOIP calls may be an indication of a missing or misconfigured port forwarding rule.

1. Navigate to <http://192.168.1.1> in a web browser, using "admin" as both the username and password.

NetComm

ADSL2+ Wireless N Modem Router with VoIP

Line Sync :	Established
Sync Speed :	19625 / 901 (kbps)
WAN IP Address :	119.224.13.204
3G Status :	Down
3G Signal Strength :	N/A
VoIP Status :	Unregistered

Switch to advanced view
Switch to VoIP/NAS view

2. Select the "Switch to VoIP/NAS view" from the bottom of the page.

3. Select the **Service Domain** option from the **SIP Setting** menu.

The screenshot shows the NetComm NB16WV - ADSL2+ Wireless N Modem Router with VoIP configuration interface. At the top, there are two buttons: "Switch to basic view" and "Switch to advanced view". Below the header is a navigation bar with the following items: Status, Phone Book, Phone Setting, SIP Setting (highlighted in blue), Other VoIP Settings, and NAS Settings. A dropdown menu is open under "SIP Setting", with "Service Domain" selected and highlighted with a red box. Other options in the menu include Port Setting, Codec Setting, DTMF Setting, and Other Settings. Below the menu is a table with 10 rows and 5 columns: ID, Name, a blank field, another blank field, and Enable. The "Enable" column contains checkboxes, all of which are currently unchecked. At the bottom of the table area are four buttons: "<< Previous", "Next >>", "Save", and "Undo".

NetComm® NB16WV - ADSL2+ Wireless N Modem Router with VoIP

Switch to basic view
Switch to advanced view

Status ▶ Phone Book ▶ Phone Setting ▶ **SIP Setting** ▶ Other VoIP Settings ▶ NAS Settings

- Service Domain
- Port Setting
- Codec Setting
- DTMF Setting
- Other Settings

ID	Name			Enable
1	<input type="text"/>			<input type="checkbox"/>
2	<input type="text"/>		<input type="text"/>	<input type="checkbox"/>
3	<input type="text"/>		<input type="text"/>	<input type="checkbox"/>
4	<input type="text"/>		<input type="text"/>	<input type="checkbox"/>
5	<input type="text"/>		<input type="text"/>	<input type="checkbox"/>
6	<input type="text"/>		<input type="text"/>	<input type="checkbox"/>
7	<input type="text"/>		<input type="text"/>	<input type="checkbox"/>
8	<input type="text"/>		<input type="text"/>	<input type="checkbox"/>
9	<input type="text"/>		<input type="text"/>	<input type="checkbox"/>
10	<input type="text"/>		<input type="text"/>	<input type="checkbox"/>

<< Previous Next >> Save Undo

http://192.168.1.1/voip20sd.htm?rc=

4. Enter the following details as given to you by GoTalk, your VoIP Service Provider.

NetComm NB16WV - ADSL2+ Wireless N Modem Router with VoIP

Switch to basic view
Switch to advanced view

Status ▶ Phone Book ▶ Phone Setting ▶ SIP Setting ▶ Other VoIP Settings ▶ NAS Settings

Item	Setting
Display Name	<input type="text"/>
User Name	<input type="text"/>
Register Name	<input type="text"/>
Register Password	<input type="password"/>
Realm	<input type="text"/>
Domain	<input type="text"/>
Proxy Server	<input type="text"/>
Registrar	<input type="text"/>
Use Outbound Server	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Outbound Proxy	<input type="text"/>
Subscribe for MWM	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Refresh time for MWM	<input type="text" value="360"/>
MWM Server URI	<input type="text" value="fxs1.mwi.com"/>
Status	Unregistered

Save Undo

VoIP phone number provided to you by GoTalk or as otherwise directed by GoTalk

GoTalk VoIP account password.

sip.gotalk.com or as directed by GoTalk

sip.gotalk.com or as directed by GoTalk

sip.gotalk.com or as directed by GoTalk

sip.gotalk.com or as directed by GoTalk

Enable/disable as per GoTalk's instructions

sip.gotalk.com or as directed by GoTalk

Enable/disable as per GoTalk's instructions

Leave as default or as per GoTalk's instructions

SIP Setting Details

Display Name	VoIP Account Phone Number as provided by GoTalk.
User Name	VoIP Account Phone Number as provided by GoTalk.
Register Name	VoIP Account Phone Number as provided by GoTalk or as otherwise instructed by GoTalk.
Register Password	VoIP Account Password as provided by GoTalk.
Realm	sip.gotalk.com or otherwise directed by GoTalk.
Domain	sip.gotalk.com or otherwise directed by GoTalk.
Proxy Server	sip.gotalk.com or otherwise directed by GoTalk.

Registrar	sip.gotalk.com or otherwise directed by GoTalk.
Use Outbound Server	Enable or Disable according to your VoIP account type. If you are unsure consult GoTalk.
Outbound Proxy	sip.gotalk.com or as otherwise directed by GoTalk.
Subscribe for MWI (Message Waiting Indicator)	Enable or disable as per GoTalk's instructions (if the VoIP account has this feature enabled).
Refresh Time for MWI	Leave as default (360) or as per GoTalk's instructions.
MWI Server URL	Leave as default or as directed by GoTalk.

5. After entering all required fields click on the **"Save"** button and check the Status at the bottom of the page. The status should change to **"Registered"** if all the settings entered are correct and you have a current connection to the internet.
6. Check for a dial tone on your phone handset. The VoIP account should now be active and you should now be able to make and/or receive VoIP phone calls (depending on the type of VoIP account you are using).