

NF5 VOIP Setup Guide (for Exetel)

Configuring your NF5 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".
- 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".
- 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 left hand side 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 left hand side of the window).
- Right click on "Local Area Connection" and select "Properties".
 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 8 to obtain an IP address automatically for your ethernet connection:

- 1. In Windows 8 Desktop view, move your cursor to the lower right; select Settings, and then Control Panel.
- 2. Double-click Network and Sharing Center.
- 3. From the list of tasks on the left, click **Change adapter settings**
- 4. For a wired network connection, right-click Local Area Connection, and select Properties.
- 5. From the Networking tab, make sure Internet Protocol Version 4 (TCP/IPv4) is checked, and then click **Properties**.
- 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 <u>http://192.168.20.1</u> in a web browser, using "**admin**" as both the username and password.

(-) (3) // 192.168.20.1/	ρ - ≧ (C 🖉 Basic Login ×) ☆ ∰
NetCommWireless	Status	Gigabit WiFi Router	^
	Login	Username admin	
		Login Clear	
ن هل هل هل علی می NetCommWireless			

2. If you have been asked for First-time Setup Wizard, choose "No thanks, take me to the Basic interface."



2. From Basic Interface select "Switch to advanced view" from the bottom of the page.

NetCommWireless		Gigabit WiFi Router		
		WAN IP Address :	192.168.1.100	
		3G Status :	N/A	
		3G Signal Strength :	N/A	
	~	VoIP Status :	Unregistered	
	Mobile Broadband			
	WAN			
د الا الا الله الله الله الله الله الله				
	5	Switch to advanced view		

3. Select the **Service Domain** option from the **VoIP Settings** and **Configurations** menu.

Gigab	it WiFi Route	er - NF5		1))-	NetComm	Wireless	Switch to basic view
Status	►Network Setup	Forwarding Rules	►Security Settings	Advanced Settings	VolP Settings	►NAS Settings	►Toolbox
📕 IPv4 Sy	rstem Status				Configurations Call Features Phone Book	Service Domain Port Setting Codec Setting	
	Item	ne		WAN Status		DTMF Setting STUN Settings Telephony profile)te
	IP Address			192.168.1.100		Other Settings Relea	se
	Subnet Mask Gateway			255.255.255.0 192.168.1.1			
	Domain Name Serve	er	1	92.168.1.1 , 0.0.0.0			
📕 IPv6 Sy	rstem Status						
	ltem			WAN Status		Siden	ote
	WAN Link-Local Addre	ess				Dynamic	IPv6
	Global IPv6 Addres	S		::0/64			
	LAN IPv6 Link-Local Ad	dress	fe8)::260:64ff:feb2:eea2			
	Link Status					Connect	ing
💓 Wireles	s Status						
.20.1/voip20sd.htm?r	c= Item			WLAN Status		Siden	ote

- 4. Please choose Ethernet WAN if you are using WAN connection or Mobile Broadband if you are using a 3G/4G Connection.
- 5. Enter the following details as given to you by Exetel, your VoIP Service Provider.

Status Network Setup	Forwarding Rules	Security Settings	Advanced Settings	VoIP Settings	►NAS Settings	►Toolbox	
Service Domain Setting							
ltem				Setting			
WAN Interface		Mobile Broadband V					
Display Name			•		VoIP phone number provided to you by Exet or as otherwise directed by Exetel		
Username			-				
Register Name							
Register Password			-		Exetel VoIP	account passwo	ord.
Domain			•		sip1.exetel.o	com.au or as pe	r Exetel
Registrar/Proxy Server			•		sip1.exetel.c	com.au or as pe	r Exetel
Use Outbound Server		○ Enable Disable	•		Enable/disa	ble as per Exete	l instructions
Outbound Proxy			•		sip1.exetel.c	com.au or as pei	r Exetel
Status		Unregistered					
		Save	Undo				

SIP Setting Details

Display Name	VoIP Account Phone Number as provided by Exetel.
User Name	VoIP Account Phone Number as provided by Exetel.
Register Name	VoIP Account Phone Number as provided by Exetel or as otherwise instructed by Exetel.
Register Password	VoIP Account Password as provided by Exetel.
Domain	sip1.exetel.com.au or as otherwise directed by Exetel.
Registrar/Proxy Server	sip1.exetel.com.au or as otherwise directed by Exetel.
Use Outbound Server	Enable or Disable according to your VoIP account type. If you are unsure consult Exetel.
Outbound Proxy	sip1.exetel.com.au or as otherwise directed by Exetel.

- 6. After entering all required fields click on the "Save" button.
- 7. 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.
- 8. 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).