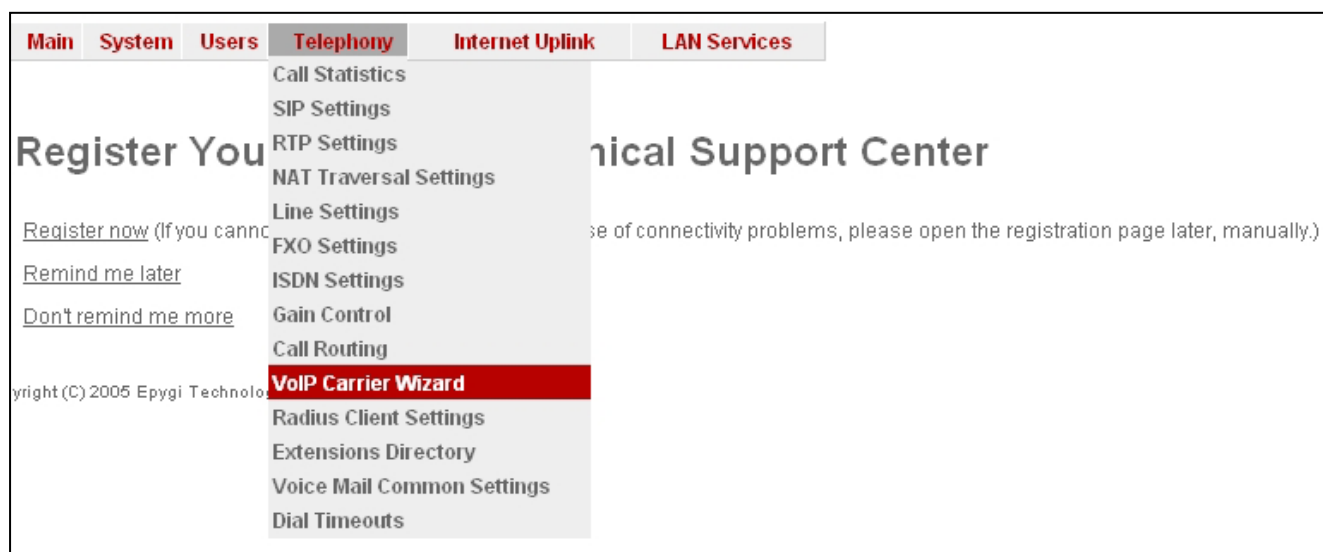


Configuring an Engin Account on a Quadro IP PBX

To configure your Engin account, select VoIP Carrier Wizard from the Telephony menu.



Select Manual from the drop down box and give the account a description.

A screenshot of the 'VoIP Carrier Wizard' configuration page. The top navigation bar is the same as the previous screenshot. The page title is 'VoIP Carrier Wizard'. Below the title, there is a section 'Select VoIP Carrier'. It contains a 'VoIP Carrier:' label followed by a dropdown menu with 'Manual' selected. Below that is a 'Description:' label followed by a text input field containing 'Engin'. At the bottom of the page, there are four buttons: 'Previous', 'Next', 'Cancel', and 'Help'.

Main	System	Users	Telephony	Internet Uplink	LAN Services
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VoIP Carrier Settings

VoIP Carrier Common Settings

Account Name:

Password:

Confirm Password:

SIP Server:

SIP Server Port:

VoIP Carrier Advanced Settings

☐ Use RTP Proxy

User ID:

☐ Send Keep-alive Messages to Proxy

Timeout: sec

Outbound Proxy

Host Address:

Port:

Secondary SIP Server

Host Address:

Port:

Enter the Account Name and Password supplied by Engin. In this case the account name is the phone number provided by Engin. Enter the address of the SIP Server (byo.engin.com.au). The SIP Server Port is 5060.

Set the Outbound Proxy depending on your location. If you are located closer to Melbourne use mel.byo.engin.com.au. If you are located closer to Sydney use syd.byo.engin.com.au.

Set your Secondary SIP Server as the other city (only set Melbourne or Sydney). This will provide redundancy if your Outbound Proxy Server is unavailable.

Specify an Access Code:

This will be used to direct calls through to the Engin account.

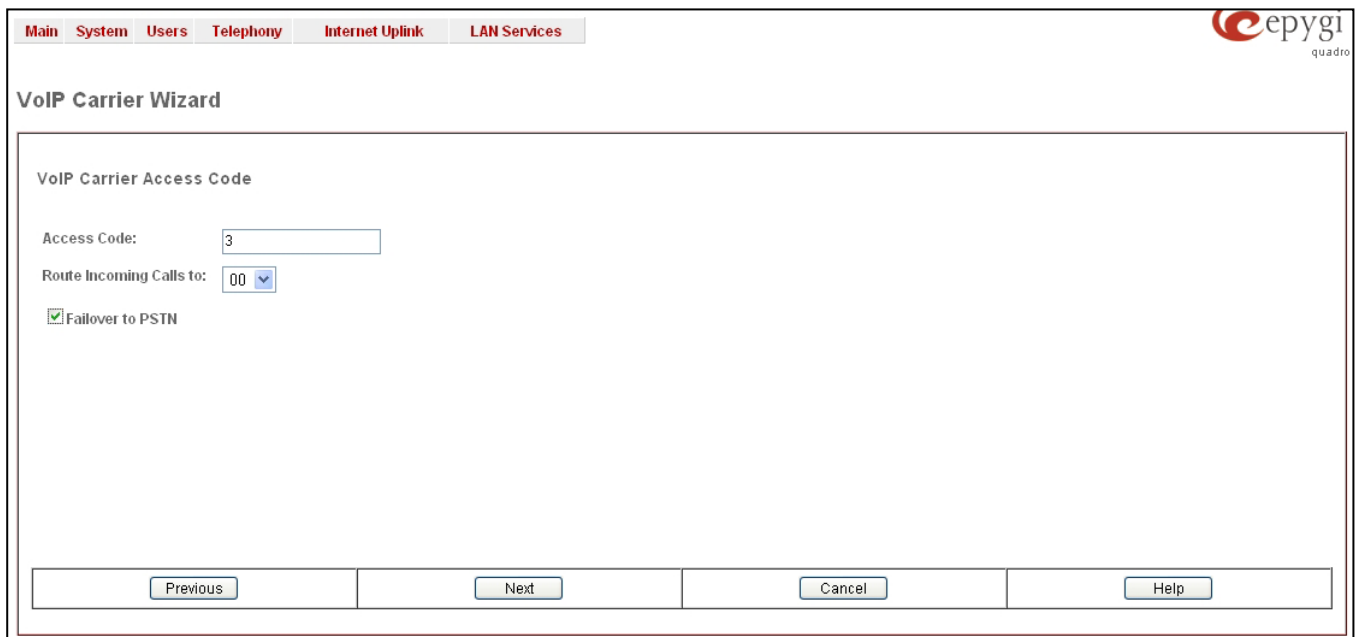
In the example below, Dialling 3<phone number> will direct the Quadro IP PBX to place the outbound call with Engin via the account configured.

Select an extension to route incoming calls to:

Engin may supply you with a phone number (Direct In Dial). Calls made to this number will terminate at the extension you select at this 'Route Incoming Calls to' option box.

Note: 00 being the default system Auto Attendant – Optionally this could be any direct extension or other Virtual Extensions.

You can also select Failover to PSTN. If this is selected, calls that would be made out through this account will automatically be re-routed via the PSTN if there is a network fault and no connection to Engin can be established.



The screenshot shows the 'VoIP Carrier Wizard' window in the epygi quadro software. The window has a menu bar at the top with 'Main', 'System', 'Users', 'Telephony', 'Internet Uplink', and 'LAN Services'. The 'Telephony' tab is selected. The main area is titled 'VoIP Carrier Wizard' and contains the following fields and options:

- VoIP Carrier Access Code**: A section header.
- Access Code:** A text input field containing the number '3'.
- Route Incoming Calls to:** A dropdown menu showing '00'.
- Failover to PSTN:** A checkbox that is checked.

At the bottom of the window, there are four buttons: 'Previous', 'Next', 'Cancel', and 'Help'.

Main	System	Users	Telephony	Internet Uplink	LAN Services
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VoIP Carrier Wizard

VoIP Carrier Summary

VoIP Carrier: Manual

Description: Engin

VoIP Carrier Common Settings

Account Name: 0855510219

SIP Server: byo.engin.com.au

SIP Server Port: 5060

VoIP Carrier Advanced Settings

Use RTP Proxy: No

User ID:

Send Keep-alive Messages to Proxy: No

Outbound Proxy: mel.byo.engin.com.au:5060

Secondary SIP Server: syd.byo.engin.com.au:5060

VoIP Carrier Access Code

Access Code: 3

Route Incoming Calls to: 00

Failover to PSTN: Yes

Previous

Finish

Review your settings and click finish to create the account.

The account has now been created and is entered in the Local Call Routing Table (ID 7).
 If Failover to PSTN was selected, there will be a second entry underneath (ID 8). This second entry will be used to send the call out an FXO port to a PSTN phone line in the case of Engin being unreachable.

In the UES (Use Extension Settings) column, there is the value 79.
 The VoIP Carrier Wizard has created a virtual extension (79) to register the account on Engin's SIP Server.

Main

System

Users

Telephony

Internet Uplink

LAN Services

Call Routing Table

Enable

Disable

Add

Edit

Duplicate

Delete

Select all

Inverse Selection

Move Up

	ID	State	Pattern	NDS	Prefix	Call Type	UES	Destination Address
	1	Enabled	000	0		FXO		
	2	Enabled	0*1*	3		FXO		
	3	Enabled	0*2*	3		FXO		
	4	Enabled	0[?,!]*	1		FXO		
<input type="checkbox"/>	5	Enabled	8*	1		SIP		sip.epygi.com
<input type="checkbox"/>	6	Enabled	[0-7]?			PBX		
<input type="checkbox"/>	7	Enabled	3*	1		IP-PSTN	79	byo.engin.com.au:5060
<input type="checkbox"/>	8	Enabled	3*	1		FXO		

To check the Registration status of your Engin Account,

1. Select Status from the System menu
2. Section SIP Registration Status from the left sub Menu.

The following screen capture shows correct registration of extensions to various SIP servers.

You can see that the Quadro IP PBX has registered with Engin via extension 79, and that the registration was successful.

Once registered, calls can be made out via the Engin account and received in via the Engin allocated phone number.

Note: The other registrations here are the extensions of the Quadro registering to Epygi's public SIP Server. All of these extensions can make and receive calls via the Engin account by prefixing the destination phone number with the Access Code entered in the VoIP Carrier Wizard.

Quadro Status - SIP Registration Status				
General Information		Registration on SIP Servers		
Network Status				
Lines Status				
Memory Status				
Hardware Status				
SIP Registration Status				
MGCP Registration Status				
Extension	Reg. Name	Server	Registered	Registration Time
79	0855510219	byo.engin.com.au	Yes	11-Apr-2006 09:11:21
00	77078900	sip.epygi.com	Yes	11-Apr-2006 08:33:13
34	77078934	sip.epygi.com	Yes	11-Apr-2006 08:33:13
33	77078933	sip.epygi.com	Yes	11-Apr-2006 08:33:13
32	77078932	sip.epygi.com	Yes	11-Apr-2006 08:33:13
31	77078931	sip.epygi.com	Yes	11-Apr-2006 08:33:13
14	77078914	sip.epygi.com	Yes	11-Apr-2006 08:33:13
13	77078913	sip.epygi.com	Yes	11-Apr-2006 08:33:13
12	77078912	sip.epygi.com	Yes	11-Apr-2006 08:33:13
11	77078911	sip.epygi.com	Yes	11-Apr-2006 08:33:13