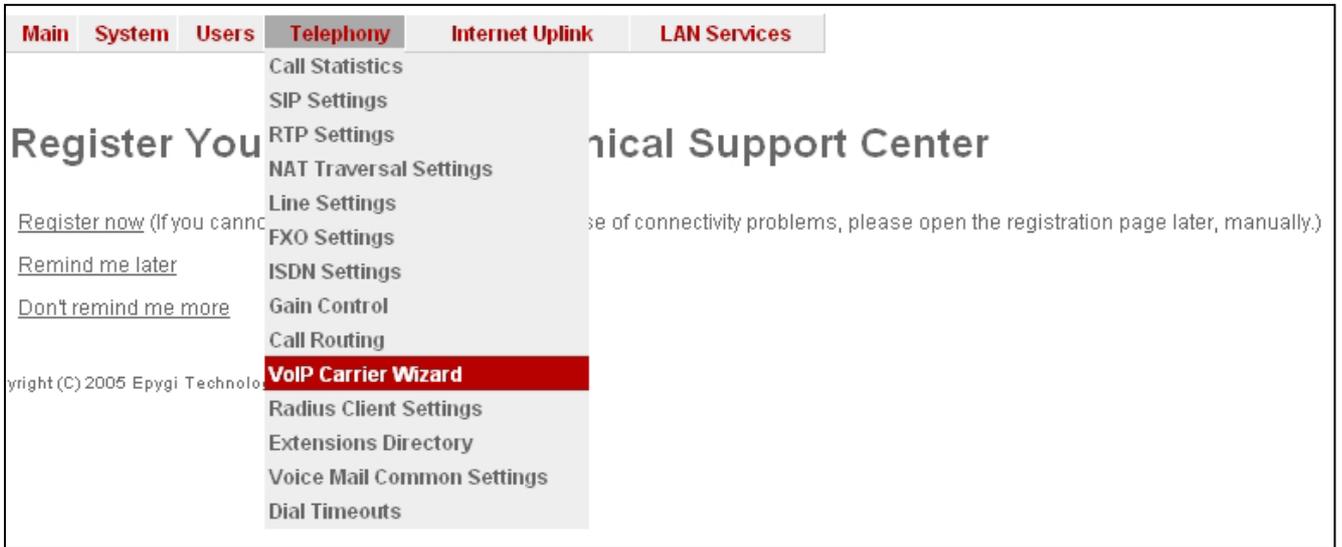
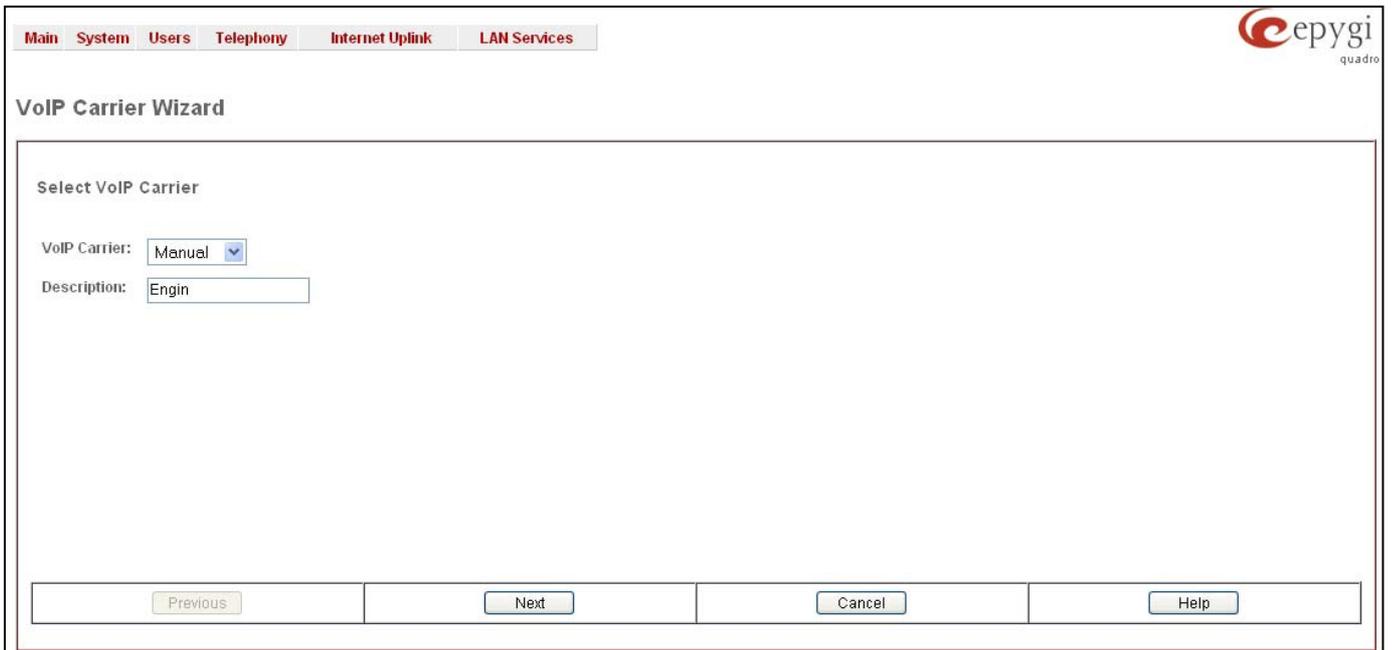


# Configuring an Engin Account on a Quadro IP PBX

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.



Main	System	Users	Telephony	Internet Uplink	LAN Services
<b>VoIP Carrier Settings</b>					
<b>VoIP Carrier Common Settings</b>					
Account Name:	<input type="text" value="0855510219"/>				
Password:	<input type="password" value="*****"/>				
Confirm Password:	<input type="password" value="*****"/>				
SIP Server:	<input type="text" value="byo.engin.com.au"/>				
SIP Server Port:	<input type="text" value="5060"/>				
<b>VoIP Carrier Advanced Settings</b>					
<input type="checkbox"/>	Use RTP Proxy				
User ID:	<input type="text"/>				
<input type="checkbox"/>	Send Keep-alive Messages to Proxy				
Timeout:	<input type="text" value="60"/>	sec			
<b>Outbound Proxy</b>					
Host Address:	<input type="text" value="mel.byo.engin.com.au"/>				
Port:	<input type="text" value="5060"/>				
<b>Secondary SIP Server</b>					
Host Address:	<input type="text" value="syd.byo.engin.com.au"/>				
Port:	<input type="text" value="5060"/>				

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 a web-based configuration interface for a VoIP system. At the top, there is a navigation menu with tabs for 'Main', 'System', 'Users', 'Telephony', 'Internet Uplink', and 'LAN Services'. The 'Telephony' tab is currently selected. In the top right corner, the 'epygi quadro' logo is visible. The main content area is titled 'VoIP Carrier Wizard'. Below this title, the 'VoIP Carrier Access Code' section contains the following fields and options:

- 'Access Code:' with a text input field containing the number '3'.
- 'Route Incoming Calls to:' with a dropdown menu showing '00'.
- A checked checkbox labeled 'Failover to PSTN'.

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

### 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.

<span style="background-color: #f0f0f0;">Main</span> <span style="background-color: #f0f0f0;">System</span> <span style="background-color: #f0f0f0;">Users</span> <span style="background-color: #f0f0f0;">Telephony</span> <span style="background-color: #f0f0f0;">Internet Uplink</span> <span style="background-color: #f0f0f0;">LAN Services</span>									
<b>Call Routing Table</b>									
	<u>Enable</u>	<u>Disable</u>	<u>Add</u>	<u>Edit</u>	<u>Duplicate</u>	<u>Delete</u>	<u>Select all</u>	<u>Inverse Selection</u>	<u>Move Up</u>
	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.

<b>Quadro Status - SIP Registration Status</b>						
<u>General Information</u>		<b>Registration on SIP Servers</b>				
<u>Network Status</u>		<b>Extension</b>	<b>Reg. Name</b>	<b>Server</b>	<b>Registered</b>	<b>Registration Time</b>
<u>Lines Status</u>		79	0855510219	byo.engin.com.au	Yes	11-Apr-2006 09:11:21
<u>Memory Status</u>		00	77078900	sip.epygi.com	Yes	11-Apr-2006 08:33:13
<u>Hardware Status</u>		34	77078934	sip.epygi.com	Yes	11-Apr-2006 08:33:13
<b><u>SIP Registration Status</u></b>		33	77078933	sip.epygi.com	Yes	11-Apr-2006 08:33:13
<u>MGCP Registration Status</u>		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