

AT-AR236E ADSL ROUTER

QUICK START GUIDE
Software Version 2.12.1
Document Version 1.0



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Important:

This Quick Start Guide was written to allow you to complete a basic setup configuration for the Allied Telesyn AT-AR236E ADSL router. At which point you should have access to the Internet via the ISP account that you have already organized.

This router was designed to be compatible with the Telecom and TelstraClear ADSL networks.

The full product manual can be downloaded from:

<http://www.alliedtelesyn.net.nz/Products/adsl1.htm>

Latest New Zealand Quick documentation and SW updates can be downloaded from:

<http://www.alliedtelesyn.net.nz/products/adsl1.htm>

ADSL ROUTER AR-236E



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A. Contents

Check that you have received the following items in the AT-AR236E pack.

1. AT-AR236E Router.
2. 240 VAC to 9VDC power adapter.
3. ADSL Phone Cable (BT to RJ11).
4. Ethernet Patch Cable (RJ45 to RJ45).
5. USB Cable.
6. AT-236E Installation Manual and Quick Start Guide.





B. Pre-Installation


-  Check that the PC you are using to complete this initial setup has a working Ethernet port and that the IP protocol is installed.
-  Have your ISP account details available. This is to include the ADSL login and password information.
-  Have an ADSL line filter installed onto the incoming telephone line. This can be done once for the premises in which case there will be an ADSL outlet provide by the installer. Alternatively, filters can be plugged into all phone outlets on that line and the phones plugged into the filter. A filter is **not** required on the phone outlet that the ADSL router is to use.



C. Connection

-  Using the Ethernet patch cable connect the PC's NIC interface to the router's Ethernet port, an RJ45 socket. Plug the power pack into a mains outlet and connect the DC power cable to the 9VDC power socket on the router.
-  Use the telephone cable to connect the ADSL socket on the router to the ADSL wall outlet supplied by Telecom or to a non-filtered telephone wall outlet making sure that all other telephone outlets are now equipped with filters.
Turn on power to the PC and the router.

D. Getting Started

 The AT-AR236E ADSL router is configured via a web browser preferably Microsoft's Internet Explorer 5.0 or later. Remember to disable any proxy settings on your Internet Browser.

Your PC will require an IP address and the gateway address e.g.

IP address = 192.168.1.2
Subnet Mask = 255.255.255.0
Default Gateway = 192.168.1.1

The default IP address of the AT-AR236E ADSL router is 192.168.1.1. Enter this address into your browser's address bar and press enter. You should receive the Modem Access Screen from the router.

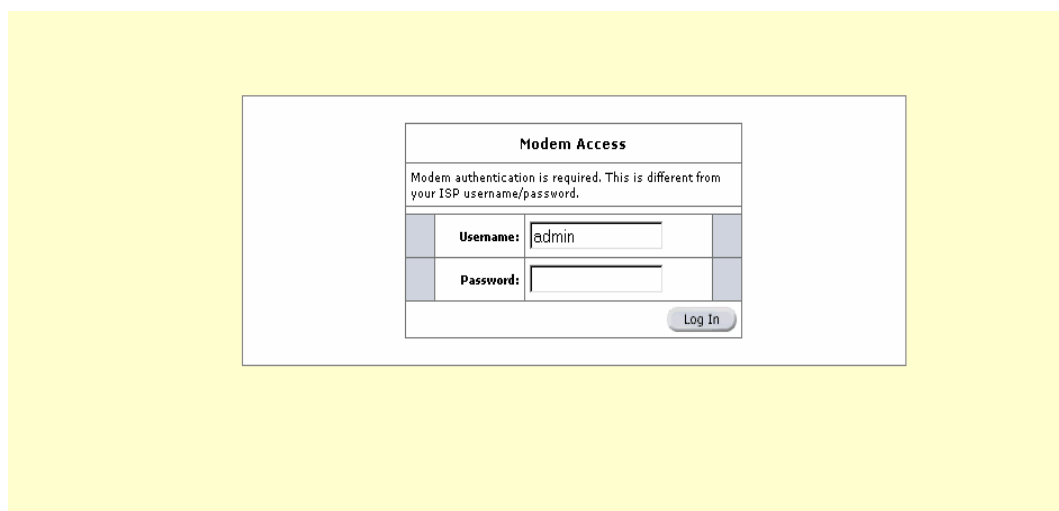



Figure 1. Modem Access Page

 The default logon username is **admin** and password is **admin**. The username is already entered for you, type the password **admin** and click on the "Log In" button.

 The **Quick Start** page will appear if the login has been successful.

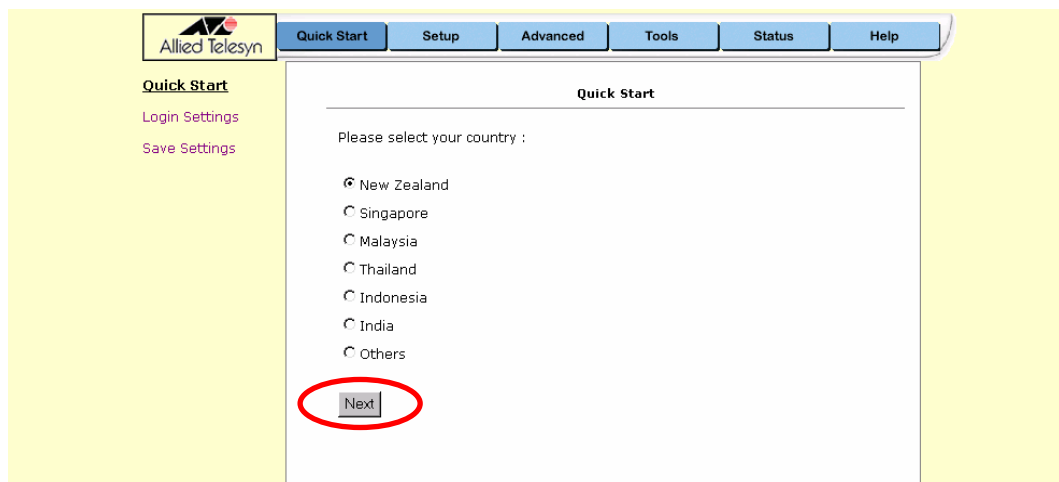



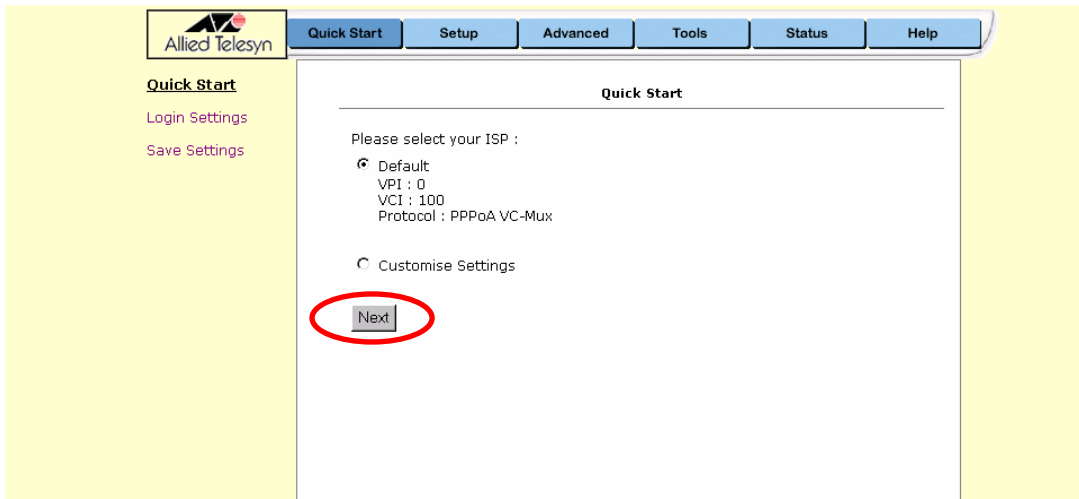
Figure 2. Selecting the Country Page

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-  Select the country where this router is to be operated in and click on the “**Next**” button (**Figure 2**).

The default settings for the country you selected are displayed. To continue, click on the “**Next**” button (**Figure 3**). The quick start, Login Settings screen will be displayed.



Quick Start


Please select your ISP :

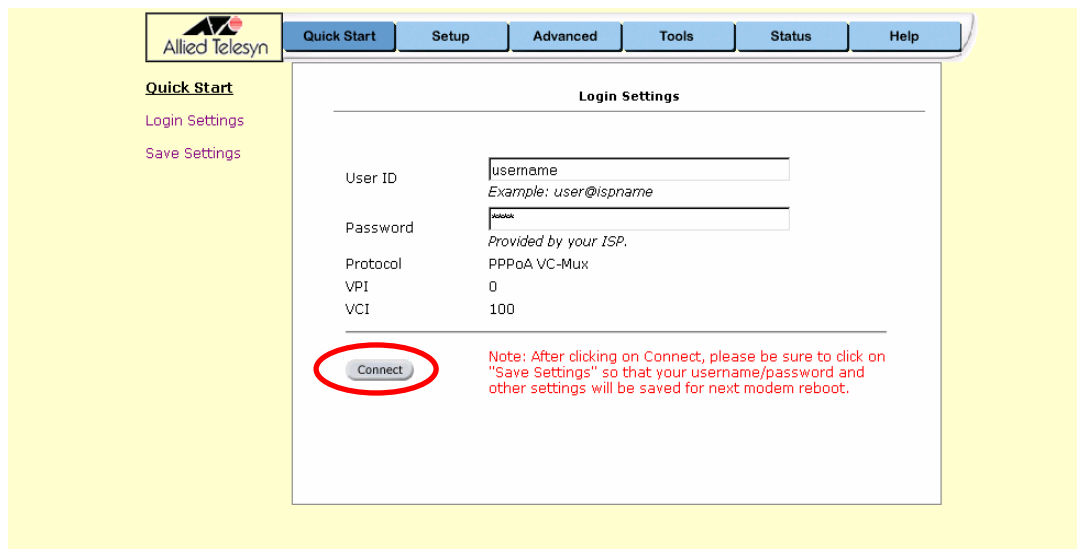
Default
VPI : 0
VCI : 100
Protocol : PPPoA VC-Mux

Customise Settings

Next

Figure 3. Selecting the ADSL Default Setting of New Zealand Page

-  The ADSL **Username** and **Password** supplied by your ISP must be entered into the User ID and Password fields here. When ready click on the “**Connect**” button (**Figure 4**).



Login Settings

User ID
Example: user@ispname

Password
Provided by your ISP.

Protocol PPPoA VC-Mux


VPI 0

VCI 100

Connect

Note: After clicking on Connect, please be sure to click on "Save Settings" so that your username/password and other settings will be saved for next modem reboot.

Figure 4. Login Setting Page

-  If the above information is correct and the ADSL line and its filter are correctly installed the router will attempt to establish an ADSL connection to your ISP.

- While this process is underway, a screen stating “Trying to connect to ISP...” will be displayed.
- Once the connection has been successfully completed the, “Connections” screen will appear. This screen will display the connection name, type, the IP address allocated to the connection and the status of the connection. This can take about 40 seconds.

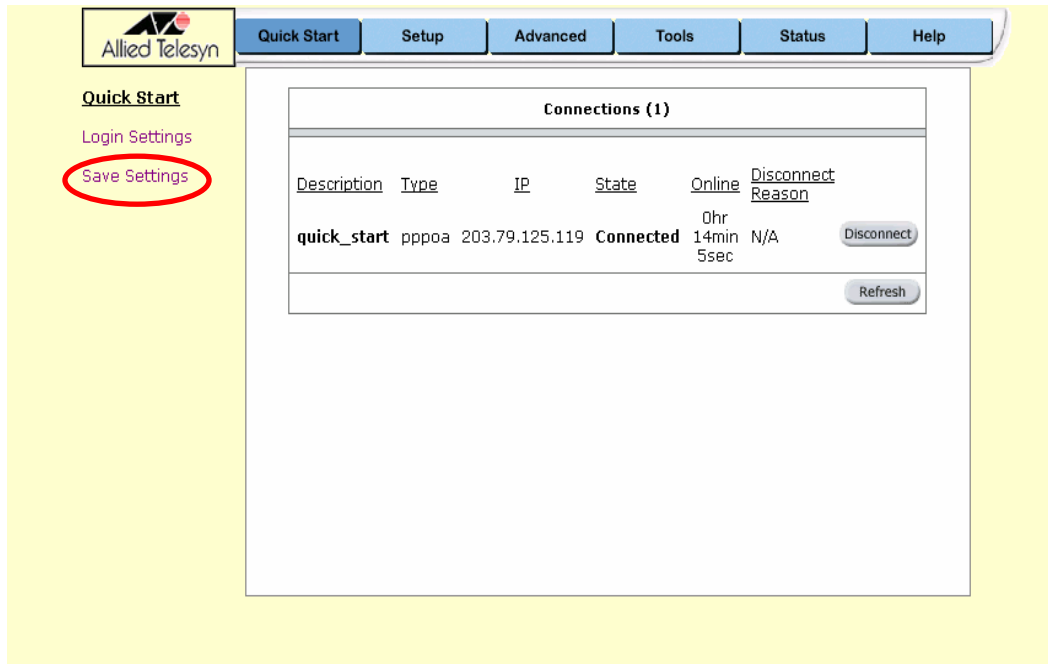


Figure 5. Connections Information Page

At this point you should then click on “**Save Settings**” on the left of the page to save the configuration

- Next, select “**setup**” from the top row of tabs (**Figure 6**).

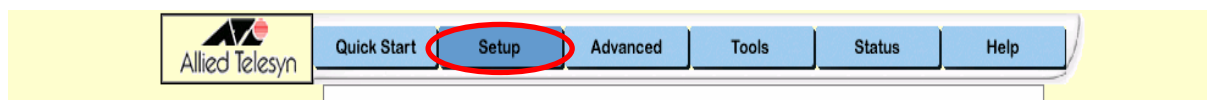


Figure 6. Setup Tab

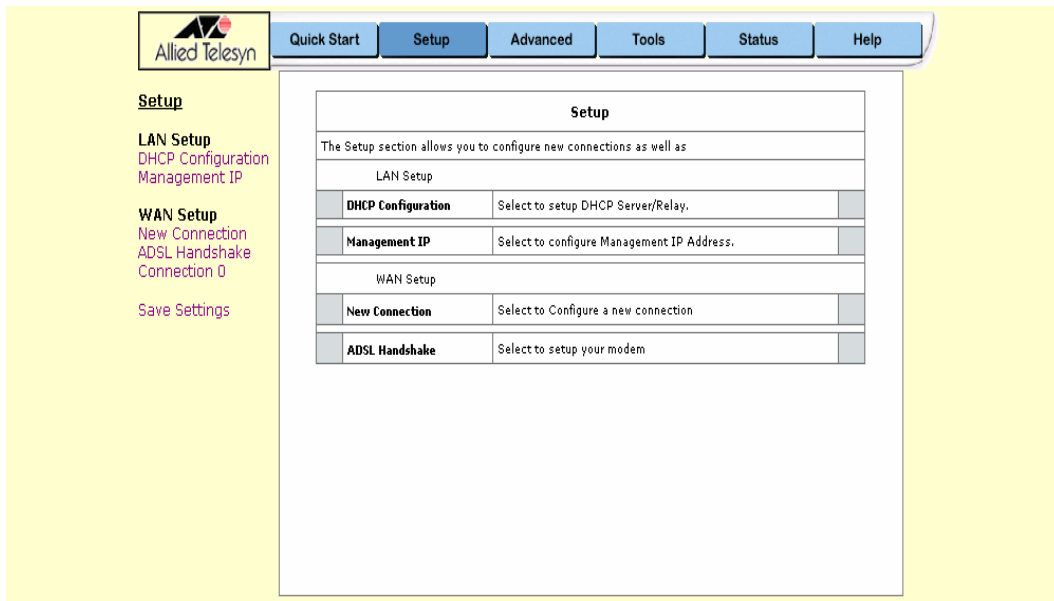



Figure 7. Initial Setup page.

 You now need to decide what IP address range you intend to use and how IP address allocation is going to be done on your LAN network.

By default, the AT-AR236E is configured for the IP address range 192.168.1.0 with a mask of 255.255.255.0. Also by default, DHCP is on. DHCP is an automated method of allocating IP addresses to PCs as they boot up.

If you wish to change either of these settings, click on “**DHCP Configuration**” (Figure 8).

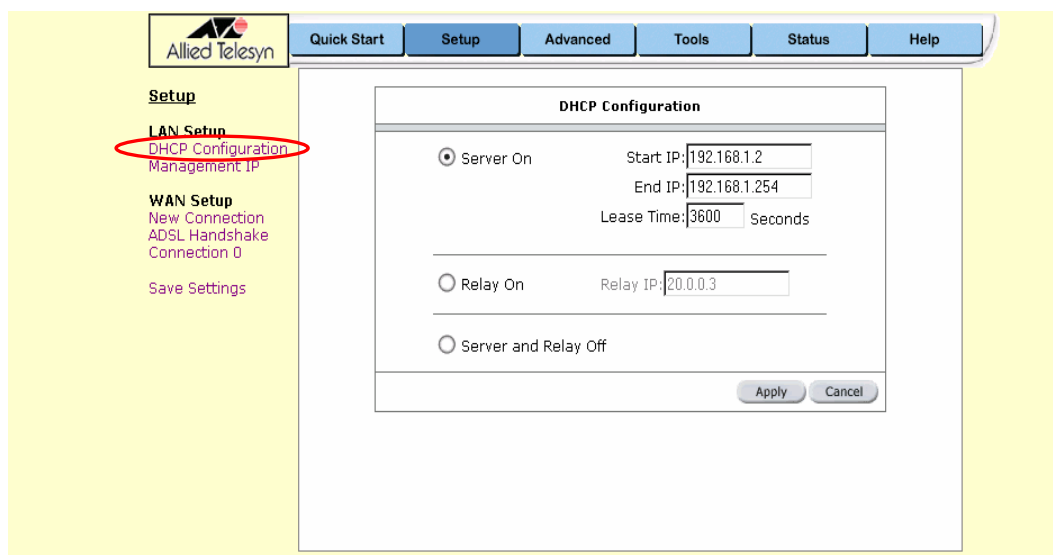



Figure 8. DHCP Configuration Page

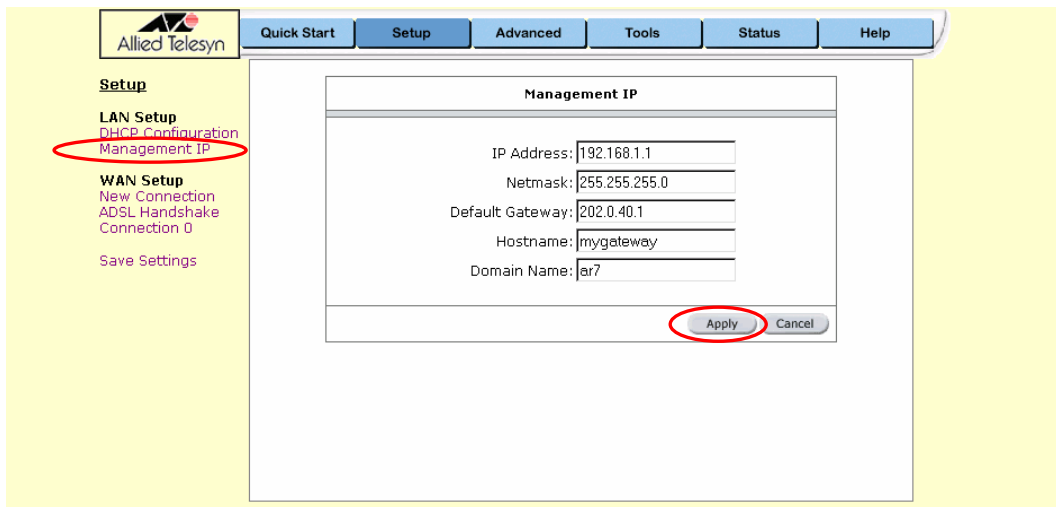
It can take up to 10 seconds for all the fields to show their information.

The DHCP Configuration screen allows you to turn DHCP off or on (if you are not sure, leave DHCP on). Click on Apply once you have completed making changes.

 To change the address of the router or the whole address range, click on **“Management IP”** (Figure 9).

By changing the IP address and mask of the router here you will need to change your “Gateway” setting on the LAN devices E.g. PCs or Firewall. The host name of the router and domain name of the network can also be recorded here. Click on **“Apply”** (Figure 9) once you have made any changes.

Now click on **Connection 0** (Figure 10), it may take up to 10 seconds before all the fields are updated with current data.

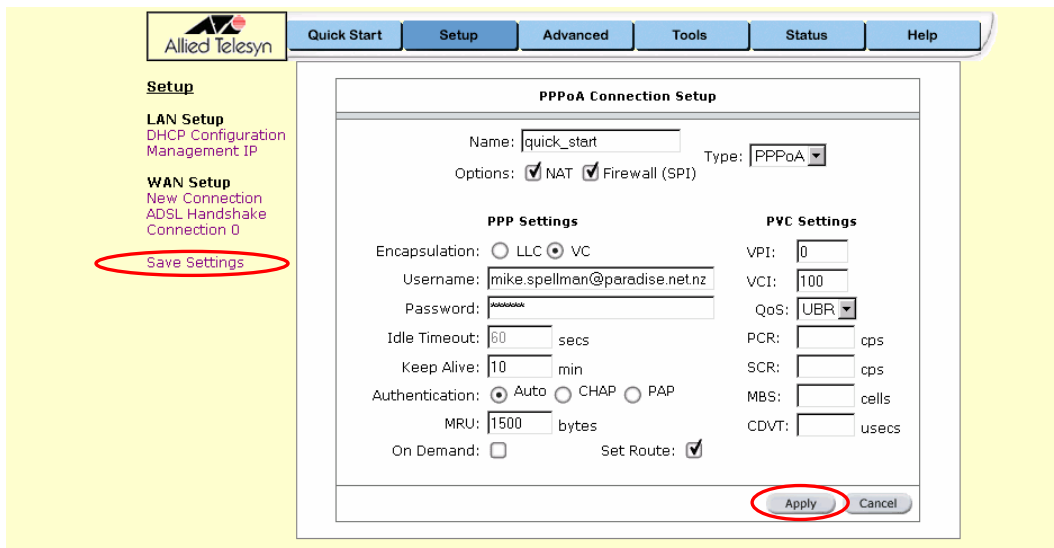


The screenshot shows the 'Management IP' configuration page. The left sidebar has 'Management IP' highlighted in red. The main form contains the following fields:

- IP Address: 192.168.1.1
- Netmask: 255.255.255.0
- Default Gateway: 202.0.40.1
- Hostname: mygateway
- Domain Name: ar7

The 'Apply' button at the bottom right is circled in red.

Figure 9. Management IP Page



The screenshot shows the 'PPPoA Connection Setup' page. The left sidebar has 'Save Settings' highlighted in red. The main form contains the following fields:

- Name: quick_start
- Type: PPPoA
- Options: NAT Firewall (SPI)
- PPP Settings:
 - Encapsulation: LLC VC
 - Username: mike.spellman@paradise.net.nz
 - Password: [REDACTED]
 - Idle Timeout: 60 secs
 - Keep Alive: 10 min
 - Authentication: Auto CHAP PAP
 - MRU: 1500 bytes
 - On Demand:
 - Set Route:
- PVC Settings:
 - VPI: 0
 - VCI: 100
 - QoS: UBR
 - PCR: [] cps
 - SCR: [] cps
 - MBS: [] cells
 - CDVT: [] usecs

The 'Apply' button at the bottom right is circled in red.

Figure 10. PPPoA Connection Setup Page

Here we can check the WAN or ADSL settings that have been configured so far. Small changes can be made here quickly without restarting the whole procedure. It may be useful to change the name of this connection to something more meaningful or descriptive. Click on **“Apply”** (Figure 10) once you have completed making changes.

You should then click on **“Save Settings”** (Figure 10) to save the configuration.



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E. Help

Always check that the router is installed properly. Check the website for information and how to troubleshoot the router. If you have difficulties contact your reseller or distributor for technical assistance relating to warranties, installation and operation. They will escalate the problem through the appropriate channels.

Allied Telesyn New Zealand Distributors are



Connector Systems Ltd
5A Pacific Rse
Mt Wellington Auckland
Free Phone: 0508 Call CSL

Website : <http://www.connectorsystems.co.nz>
Email : sales@connectorsystems.co.nz



Express Data NZ
Express Data NZ Ltd
Level 12, Microsoft House
3-11 Hunter Street
Wellington
Free Phone: 0800 336 427

Website : <http://www.expressdata.co.nz>
Email : sales@expressdata.co.nz

Renaissance Wholesale
Renaissance Ltd
92 Beachcroft Ave
Onehunga Auckland
Free Phone: 0800 800 905

Website : <http://www.renaissance.co.nz>
Email : info@renaissance.co.nz

Allied Telesyn

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Knowledge
Base : <http://kb.alliedtelesyn.com>

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