

# VectorFibre InterNet

## Blended flat rate Internet access over MetroEthernet

Now businesses can enjoy high-performance business Internet access at a flat monthly rate with the VectorFibre InterNet service. As a customer, you can choose the bandwidth you require, with no limit on the total volume of data traffic. The split between international and domestic data is irrelevant – you can use as much of any type as you like. And because it is delivered on our existing MetroEthernet service, it's really easy to get.

### How it works

VectorFibre InterNet is delivered over your existing MetroEthernet connectivity. It gives access to the Internet which includes both international & domestic traffic. You can choose the bandwidth you require and there is no limit on the total volume of data traffic. This will give you full access to the public Internet, and to online servers you are licensed to access.



This service is delivered over VectorFibre MetroEthernet, which is internationally certified for performance and reliability by the Metro Ethernet Forum.

### Business Benefits

#### Simple

Get Internet connectivity delivered over a regular VectorFibre MetroEthernet interface with plug and play simplicity.

#### Versatile

Access any amount of data with any mix of international and domestic traffic.

#### Cost-effective

Low, flat-rate monthly fee that makes budgeting easy.

#### Reliable

Enjoy a fully managed service offering availability of 99.9% – or higher if required.

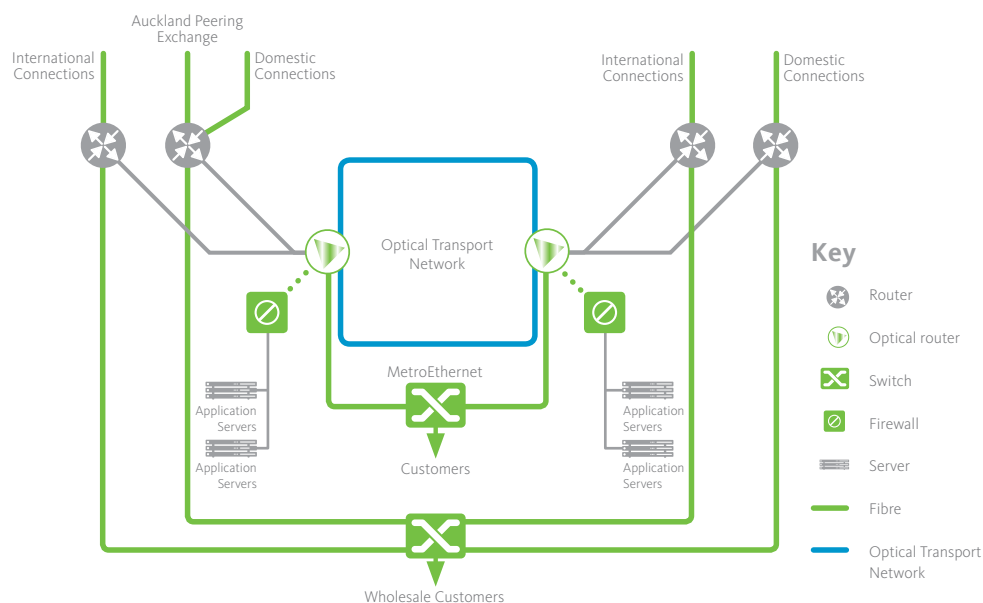
#### Scalable

Choose the bandwidth that suits you, anything from 1 Mbit/s to 100 Mbit/s. (Higher bandwidth is available on request.)

## Technology Overview

The VectorFibre InterNet service consists of two discrete parts:

- Access from your site across our network to where it connects to the Internet.
- Access to the global Internet beyond our network.



## Service Specification

The VectorFibre InterNet service is delivered over the VectorFibre MetroEthernet service.

Service Attributes	
Customer Connections	Copper (RJ45 connector): <ul style="list-style-type: none"> <li>• 100Base-TX (100 Mbit/s)</li> <li>• 1000Base-T (1 Gbit/s)</li> </ul> Fibre (SC or LC Connection): <ul style="list-style-type: none"> <li>• 1000Base-SX/LX/ZX (1 Gbit/s)</li> </ul>
Mode	Full duplex or half duplex
MAC Layer	IEEE 802.3
Interface Speed	10 Mbit/s, 100 Mbit/s, 1 Gbit/s
Bandwidth profiles	1, 2, 5, 10, 50, 100, 200, 500, 1000 Mbit/s
IP Address Management	Vector Communications will allocate IP address space to the customer for link addressing purposes. Should additional IP addresses (or address space) be required, customers need to submit a formal request including a basic network topology diagram and address utilisation plan.

The VectorFibre InterNet service does not include access to ancillary services (such as USENET news (nntp), Web (http), Mail (smtp/pop3/imap) and DNS hosting servers) managed by us (unless explicitly stated on your Service Offer). You are able to connect to any public or private servers on the Internet you are legally entitled to use.

### Network Security

Vector Communications cannot guarantee the content and sources of IP data coming via the Internet. It is vital that customers run their own security systems to protect their networks, equipment and business. Threats from external networks may include Denial of Service attacks or hackers. There may also be internal security breaches caused by viruses, trojans or insufficient security precautions.

Recommended security precautions include:

- Firewall/Router with packet filtering and application recognition capabilities
- One-time and dynamic passwords with two-factor authentication
- Anti-virus software/hardware



Make sure your business can enjoy the ease, versatility and flat rates of MEF certified VectorFibre InterNet. Call Vector Communications, from within NZ on **0800 826 436**, or internationally on **+64 9 309 9367**, or email us **contactus@vector.co.nz** today.