



TelstraClear

Private IP Lite

TelstraClear's Private IP Lite provides a secure, cost-effective extension to Private IP, allowing remote branches and smaller offices direct connection into a TelstraClear-supplied Private IP VPN service.

0508 555 500
www.telstraclear.co.nz

Private IP Lite provides business customers with secure and cost-effective connectivity into their Private IP cloud.

Private IP Lite is aimed at connecting geographically diverse sites such as branch offices, retail locations and smaller offices of companies that require a wide area network, but who do not need to run mission-critical applications.

Benefits

Interoperability with TelstraClear Private IP network:

- Supports IP networking requirements
- Integrates seamlessly into a customer's Private IP network service
- Flexible network design
- Transparent replacement for current networks
- Ethernet delivery to small branch locations
- Flexible support for customer's IP addressing scheme

Reduces Total Cost of Ownership (TCO)

- Low monthly charge
- Nominal set-up costs (standard networking expertise)
- No expensive networking equipment
- Reduced customer personnel costs

Features

Reach

Private IP Lite is available nationally wherever DSL based technology is deployed.

Security

Private IP Lite is secured through two-factor authentication and Layer 2 tunnelling techniques.

Cost Effective

TelstraClear provides cost-effective, direct connectivity to a customer's Private IP network. This allows the sharing of common applications and a reduction in the time spent setting up and managing secure IT and application connectivity.

Complete Package

Private IP Lite includes a gateway device that provides basic routing and 4-port switching built-in. There is no need for any extra customer-side routers for smaller sites, i.e. a plug and play solution for small offices.

Performance

Full speed downstream and full speed upstream DSL throughput.

Managed Network Services Support

The Private IP Lite Gateway enables Managed Network Services pass-through to allow support of customer-side TelstraClear-managed equipment.

How Private IP Lite Works

Overview

By taking an unbundled DSL network service and interconnecting it with Private IP, TelstraClear can now offer a 'residential broadband' style of service to customers who do not have stringent performance requirements and can only justify a modest monthly cost.

Performance

As the service is DSL-based it is inherently asymmetric – that is, the customer experiences much greater speed (throughput) for data being received than for data that is sent from the customer's site.

The maximum throughput of a Private IP Lite service will be determined by the maximum speed the network equipment (DSLAM) can support on the physical access circuit.

Security

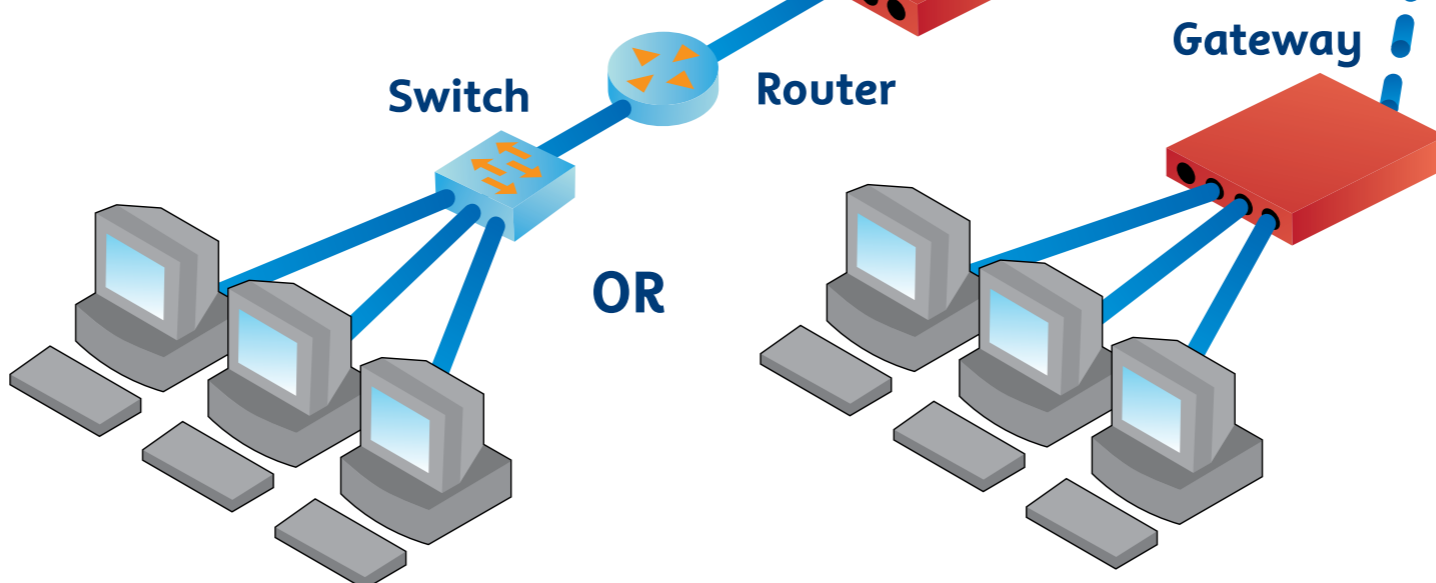
Private IP Lite provides private access to a customer's Private IP network. The service is 'private' to the extent that traffic traversing the customer WAN is kept separate from other customers' traffic and the Internet. Private IP Lite uses two-factor authentication via L2TP so is secure.

Managed Services

TelstraClear Managed Network Services (MNS) can be sold in conjunction with Private IP Lite to provide monitoring and management of Customer Premises Equipment (e.g. routers, switches).

Availability

Private IP Lite is available anywhere broadband can be delivered within New Zealand.



Gateway Device

The Private IP Lite service includes a gateway device installed at each branch site. This provides the service demarcation and interface to the customer's equipment.

The included 4-port gateway allows direct interconnection of up to 4 end devices without any additional equipment. Alternatively, customer's own switches and routers can be connected to the gateway to expand the customer's site network as required.

Private IP Delivery Mechanism	Speed Available	Access Delivery Grades
Private IP over Ethernet	Up to 1Gbps	Silver, Gold, Platinum
Private IP over Frame Relay	Up to 2Mbps	Silver
Private IP over Wireless Local Loop	Up to 1Mbps	Bronze
Private IP over DSL (broadband)	Up to DSL Full Speed	Private IP Lite

About TelstraClear Private IP

TelstraClear's new generation network uses optical fibres to move information between your office locations at speeds up to 1Gbps. Transporting your data in its native LAN format minimises the number of routers required making your network simpler, more scalable and efficient.

TelstraClear provides different size connections for Private IP access, from Private IP Lite DSL-based access all the way up to 1Gbps access. All services including Private IP Lite can be terminated on a standard Ethernet interface, meaning no special equipment is needed.

Terms and Conditions

Service and some features are not available in all areas. Please contact TelstraClear Business Customer Care or your Account Manager for more details. Minimum 12 month contract term applies. Standard TelstraClear terms and conditions apply.



Business Customer Care

Phone TollFree 0508 555 500

Fax TollFree 0508 555 501

Freepost

TelstraClear, Freepost 4768,

Private Bag 92143,

Auckland 1142

0508 555 500

www.telstraclear.co.nz



TelstraClear Now's Good