



# Ethernet Private Lines

Avoid unnecessary complexity. It's just as easy to use Ethernet in the WAN as in the LAN.

Wide area connectivity has never been more straightforward. Telstra International's Ethernet Private Line (EPL) service combines the privacy and reliability of traditional leased lines with improved scalability and flexibility. Available in Asia, Australia, North America and Europe, Telstra International's Ethernet Private Line service allows companies to establish cost effective, scalable point-to-point and point-to-multi point connections with other offices around the world. EPL can enable your business objectives such as expanding into new markets or rolling out bandwidth hungry applications and deploying mission critical data.

## Benefits:

### A reliable and secure service

Telstra Ethernet Private Lines are ideal for companies that require either dedicated bandwidth, greater data privacy, or indeed both. The service operates at the Open Systems Interconnection (OSI) model layer 2 and, as a result, it gives organisations the ability to control their network routing and manage their own security. Delivered using Synchronous Digital Hierarchy (SDH) technology, Ethernet Private Lines can be set up in a variety of configurations, providing different approaches to fault tolerance and service restoration.

### Simplified network management

Enterprises that select Ethernet Private Lines can use the same common Ethernet interfaces for equipment for their wide area network (WAN) as their local area network (LAN). This reduces hardware and IT infrastructure complexity and enables organisations to standardise on a mature technology that is already familiar to their in-house network managers.

### Low total cost of ownership

With Telstra Ethernet Private Line service, companies do not need to purchase expensive equipment to handle protocol conversion. In addition, they do not need to invest in highly skilled internal resources to manage and configure this hardware. These factors, coupled with scalable bandwidth increments and cost effective local access options help to lower the total cost of ownership per megabyte of bandwidth, when compared with private lines provided using traditional leased line technology.

### Transparency

Telstra Ethernet Private Line offers maximum flexibility for customers that wish to use the service to transport both IP and non-IP traffic. This Service is fully transparent to all major layer 2 and layer 3 protocols, allowing customers to transparently pass VLAN-tagged traffic. By supporting larger frame sizes, including jumbo frames, customers may be confident that all traffic will be transported efficiently.

### Capacity that can be easily increased

Telstra Ethernet Private Lines provide dedicated bandwidth, so companies can be confident that the capacity they need is reserved for their use, whenever they need it. Ethernet bandwidth can also be increased gradually, from as little as 2 Mbps at a time. Consequently, as companies' requirements change, it is easy for them to enlarge their capacity in small and affordable increments.

## Features summary:

### Wide range of Ethernet speeds

- Includes: From 2 Mbps to 10 Mbps, increasing in 2 Mbps increments
- From 10 Mbps to 100 Mbps, increasing in 10 Mbps increments
- From 100 Mbps to 600 Mbps, increasing in 50 Mbps increments
- From 600 Mbps to 1000 Mbps, increasing in 100 Mbps increments
- 10Gbit/s with a committed information rate of 9.584Gbit/s (point to point only)

### Choice of interface sizes

- Allows organisations to choose between Ethernet, Fast Ethernet (100 Mbps), Gigabyte Ethernet (1000 Mbps) and 10G Ethernet depending on their requirements.
- Point to multipoint capability increases efficiency for aggregation and headquarter locations.

### Protected and restored service options

- Enables businesses to select more resilient services for mission critical requirements.

### Supports convergence of voice, data and Internet services

- Supports the convergence of voice, video, data and internet access services more easily.

### Service level agreements

- Provides customers with guarantees for service delivery, availability and reliability.

### 24/7 customer service

- Ensures that specialist technical support is available whenever it is needed.

## Telstra Ethernet Private Lines are available at a growing number of global locations

As Ethernet access technology is now common and widely available, Telstra Ethernet Private Lines may be delivered in a growing number of global markets. The strength of Telstra's cable network in the Pacific Rim means that Telstra is able to offer a particularly broad Ethernet Private Line service in the rapidly developing countries of Asia.

### Telstra Ethernet Private Lines are available in Europe, America and Asia:

- Australia
- Hong Kong
- India
- Japan
- Korea
- Mainland Europe
- Indonesia
- New Zealand
- Singapore
- Taiwan
- UK
- USA
- Vietnam
- Malaysia

Telstra is constantly expanding the availability of its services. For more information and a quotation based on your requirements, please contact the Telstra sales team.