



# Global Ethernet Virtual Private Line



Take a fresh look at Ethernet. It's more versatile than you might think.

You know all about Ethernet. But maybe you haven't considered using it outside your Local Area Network (LAN). Ethernet services in the Wide Area Network (WAN) are growing in popularity for all the right reasons. The technology is quick to deploy, easy to manage and offers a cost effective way to enable your business. Telstra International's MEF certified Global Ethernet Virtual Private Line (EVPL) allows organisations to establish highly resilient network connections between headquarters or data centres and branch sites in many locations around the world.

## Benefits:

### Flexible and resilient network design

Delivered over Telstra's private Multi Protocol Label Switching (MPLS) network, Telstra's Global EVPL allows organisations to establish point-to-point or point-to-multi-point connections with in-built resiliency. This service is ideal for organisations that require robust links between regional offices and company headquarters. They can also select from a choice of service grades to enable the prioritisation of traffic in line with business requirements.

### Cost effective to deploy and manage

Global EVPL enables organisations to either re-use existing customer premises equipment (CPE) or purchase relatively inexpensive upgrades to existing equipment. As internal teams are familiar with Ethernet, Global EVPL can be deployed quickly and easily, reducing the need to invest in additional internal resources. Running over Telstra's industry-leading MPLS network means that the service is more cost effective than a traditional dedicated private line service, backed by the security and performance of Telstra's MPLS network.

### Strong fault tolerance

With Global EVPL, customers don't have to worry about putting a contingency plan in place, as strong fault tolerance is inherent to the service. All data, voice and video packets are automatically routed via the optimum route available at the time. If one route fails, the service will re-route traffic to the best alternative route with minimal service disruption. The service has earned the MEF 9 and MEF 14 certifications from the Metro Ethernet Forum (MEF), in recognition of its premium performance and functional specifications. Also intelligent network MEF-compliant Network Interface Devices (NIDs) are installed on your sites as standard enabling end to end support, diagnostics and performance reporting.

### Fast and scalable bandwidth

Global EVPL helps businesses to meet their goals by providing consistently strong levels of performance, with high throughput and fast transfer rates. The service is available in a number of bandwidth options, which allows customers to gradually increase their capacity, as their business grows and their needs change. Crucially, bandwidth can be increased via 'soft upgrades', which minimises service disruption.

## Features summary:

### Global connectivity

Provides service in countries including Australia, Hong Kong, China, Indonesia, Japan, Korea, Malaysia, New Zealand, Philippines, Singapore, Taiwan, Thailand, USA and UK. We can also support PDH/SDH access where Ethernet connectivity is not available.

### Wide range of Ethernet speeds

Extends from 1Mbps to 1Gbps, with a choice of bandwidth increment options

### Two classes of service: premium and standard

Allows customers to prioritise voice and other urgent data over lower priority data traffic on the network

### Multiple service modes

Includes VLAN mode, which enables point-to-multipoint topology with support for traffic prioritisation, and an optional transparent mode

### Protocol agnostic

Supports any application protocol and addressing scheme

### Service level agreements

Provides customers with service levels for metrics including service delivery, availability and network performance

### 24 x 7 customer service

Makes specialist technical support available whenever it is needed

## A comprehensive portfolio of next-generation Ethernet services

Telstra's Global EVPL is one of three Ethernet services offered by Telstra, each of which has been awarded the MEF 9 and MEF 14 certificates from the Metro Ethernet Forum (MEF). These certifications recognise the high performance of Telstra's Ethernet services and ensures compatibility with other industry standard solutions.

Our full portfolio comprises:

- Global Ethernet Private Line (EPL)
- Global Ethernet Virtual Private Line (EVPL)
- Global Virtual Private LAN Service (VPLS)

For more information on any of these services and a quotation based on your requirements, please contact the Telstra sales team.



### TELSTRA GLOBAL ETHERNET VIRTUAL PRIVATE LINE

