



Global Ethernet Private Line



Get ready to grow. Ethernet Private Line offers scalability, privacy and performance.

Who knows exactly what tomorrow will bring? Maybe you will be expanding into new territories, opening new offices or rolling out new bandwidth-hungry applications. Whatever the future holds, with Telstra International's MEF certified Global Ethernet Private Line (EPL) service, you can gradually expand your network capacity to meet your business needs. Available in Asia, Australia, Europe and North America, Global EPL offers dedicated bandwidth, high security and low latency.

Benefits:

A dedicated and secure service

Telstra's Global EPL service is ideal for companies that require either dedicated bandwidth or greater data privacy, or indeed both. The service operates at the Open Systems Interconnection (OSI) model layer 2 and, as a result, it gives companies the ability to control their network routing and manage their own security. Global EPL is delivered over Telstra's extensive cable assets using Synchronous Digital Hierarchy (SDH) technology and can be set up in point-to-point or point-to-multipoint configurations, with a variety of protection/restoration options. 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.

Capacity that can be easily increased

With Global EPL, customers have confidence that the bandwidth they need is reserved specifically for their own use. Over time, as their needs change, it is easy for them to expand their capacity, in small and affordable increments, and build their total capacity to as much as 10 Gbps. The scalability offered by this service enables growing organisations to expand their network gradually and only pay for the capacity they need. What is more, bandwidth increases can be achieved through simple 'soft upgrades' with minimal service disruption.

Flexibility and high performance

Global EPL provides support for jumbo frames, which enable better transport and bandwidth efficiency. The service is very flexible and can be set up in both point-to-point and point-to-multipoint configurations. VLAN and protocol transparency means customers can customise and send traffic according to their own business rules. Customers can also select from a number of different protection/restoration options, to gain a high level of service resilience, backed by service level agreements.

Simple and cost efficient to deploy

Due to the ubiquitous nature of Ethernet, organisations can typically buy inexpensive Ethernet equipment for their wide area network (WAN) or re-use their existing Ethernet equipment. In addition, Ethernet local access is often more cost effective than many other WAN technologies, contributing to a lower total cost of ownership. Using Global EPL, organisations can help reduce both operational and capital expenditure. The service allows them to use soft bandwidth upgrades to increase their network capacity and spend, in line with business growth.

Features summary:

Global connectivity

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

Wide range of speeds

Extends from 2Mbps to 10Gbps, with a choice of bandwidth increment options

Choice of interface sizes

Allows organisations to choose between Ethernet, Fast Ethernet (100 Mbps), Gigabyte Ethernet (1000 Mbps) and 10 Gigabyte depending on their requirements

Protected and restored service options

Give customers a choice of various resiliency options depending on their business continuity requirements

Service level agreements

Provide customers with service levels for service delivery and availability

24/7 customer service

Makes specialist technical support available whenever it is needed

A comprehensive portfolio of next-generation Ethernet services

Telstra's Global EPL 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.



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