Telstra

Ethernet Private Line

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

What is Ethernet Private Line?

Whether you plan on expanding into new territories, opening new offices or rolling out new bandwidth-hungry applications, with Telstra's MEF compliant 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, EPL offers dedicated bandwidth, high security and low latency.

Benefits

A dedicated and secure service
Telstra's EPL service is ideal for companies that require dedicated bandwidth and data privacy (as compared to shared network). 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. EPL is delivered over Telstra's extensive cable assets using Optical and Packet Transport Network Technologies and can be set up in point-to-point or point-to-multipoint configurations, with a variety of protection/ restoration options.

Capacity that can be scaled
With EPL, you can have confidence that the bandwidth you need is dedicated specifically for your own use. Over time, as your needs change, it is easy for you to expand your capacity, in small and affordable increments, and build your total capacity to as much as 100Gbps. You only pay for the capacity you need. What is more, bandwidth upgrade can be achieved through simple 'soft upgrades' with minimal service disruption.

Flexibility and high performance
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 you can customise and send traffic according to your own business rules. You 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
Using Telstra's EPL service can help reduce both operational and capital expenditure as 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 one of the most cost effective solutions when compared to other WAN technologies, contributing to a lower total cost of ownership. Soft bandwidth upgrades allow you to increase your network capacity and spend in line with your business growth.

Features

Global connectivity
Available in over 17 countries globally and access to more than 30 submarine cables spanning more than 400,000km.

Wide range of speeds
Extends from 10Mbps to 100Gbps, with a choice of bandwidth increment options.

Choice of interface sizes
A choice of Ethernet, Fast Ethernet (100 Mbps), Gigabyte Ethernet (1000 Mbps) and 100 Gigabyte depending on your requirements.

Flexible resiliency options depending on your business continuity requirements.

- **Protected:** End to end protection on your worker path to ensure better service up-times.
- **Unprotected:** Point to point single path circuits between two locations.
- **Always On:** An option that is highly-resilient with three diverse paths between Singapore, Hong Kong and Japan, delivered across a high capacity sub-sea network.
- **Multi Diverse:** A group of unprotected services between the same city pairs that ensure business continuity in the event of an outage.
- **Hybrid Resilience:** Choose to protect the segments of your circuit that matter the most.
- **AdHoc Restoration:** Subscribe to this service with an additional charge when you face an outage on your circuit.

Service level agreements
Provides you with service levels for service delivery, availability, and Round Trip Delay (RTD).

24/7 customer service
Specialist technical support is available whenever it is needed.

Strong partnerships with other carriers – 25+ countries
Establish a Telstra EPL in locations where a direct presence is not possible due to local regulations or other restrictions, with the added benefit of a complete end-to-end experience and One Stop Shop (OSS) for ordering, billing, and service management.

EPL options

Standard interfaces and bandwidth offerings, including:

- Offer Types: Standard, Tier1, Tier2, Prime
- Bandwidths: 10Mb to 100GE
- Interfaces: 100BaseTx, 1000BaseLx, 10GBaseLR and 100GBase-LR4
- In-Country Bandwidth Services (ICBS): EPL is offered as ICBS for connectivity requirements within the same country.
- Flexible Contracting Options: customers can choose Lease for annual contract options and opt for IRUs for long term requirements.

A comprehensive portfolio of next-generation Ethernet services

Telstra's EPL service is one of the three Ethernet services offered by Telstra, which is Metro Ethernet Forum (MEF) compliant.

Our Ethernet Portfolio also includes:

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

Contact your Telstra account representative for more details.

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