



# International Private Lines



Relax. High Security and dedicated bandwidth are all part of the package with Telstra International Private Lines.

Connectivity made simple. Telstra International Private Lines (IPL) provide businesses with world-class security and reliability. Available in all major and emerging markets, they are ideal for Financial, Information Technology and Professional Services organisations that need to protect sensitive data and require assured bandwidth for mission critical applications between two key business locations.

## Benefits:

### Secure links between offices

Telstra International Private Lines are ideal for companies that require dedicated bandwidth and greater data security. Telstra IPL's provide organisations with the ability to control and manage their own network routing, protocols and security. Delivered using Synchronous Digital Hierarchy (SDH) infrastructure, IPL's can be configured to ensure fault tolerance and service restoration, designed to provide service availability in abnormal situations.

### Global connectivity

As a leading global supplier of managed network services, Telstra has an established presence throughout the Asia-Pacific, EMEA and the Americas. Telstra owns or has access to more than 5 million kilometres of cable, with enhanced strength into and within Asia. With investments in new cable infrastructure, including Telstra Endeavour (TE) and the Asia-America Gateway (AAG), Telstra is leading the way in providing diverse, low-latency connectivity between Asia-Pacific and the Americas.

### Reliable service

For the purpose of ensuring the highest possible standards of reliability, Telstra IPL's are built using resilient SDH technology, with the ability to re-route traffic via a redundant path in the event of a core network fault. For companies requiring a high-availability service, configurations for Protected IPL Services are designed to permit automatic recovery from a major sub-sea cable failure in less than 50 milliseconds. The reliability of Telstra IPL's is complemented by an aggressive Service Level Agreement covering service delivery, service availability and mean time to restore.

### Predictable performance

Telstra offers private lines with a range of different bandwidths, so its customers can select precisely the capacity that they need to meet their current and anticipated network requirements. In addition, protocol transparency ensures customers have the ability to prioritise traffic to their specific business requirements and experience predictable performance across all applications utilising the service.

## Features summary:

- **A wide range of bandwidths**  
Offers customers the flexibility of International Private Lines with capacity from 64kbps up to 10Gbps.
- **Extensive global coverage**  
World class network capabilities across Asia-Pacific, EMEA, the Americas, as well as into growing markets in India, China, and the Middle East.
- **Protected and restored service options**  
Enables businesses to select more resilient and high-availability services for mission critical requirements.
- **Established relationships with local providers**  
Our relationships enable cost effective local access and comprehensive in-country support. Also enables support of critical in-country diversity requirements for risk management.
- **Strong partnerships with other carriers**  
Allows Telstra to offer International Private Lines in remote locations where a direct presence is not possible due to local regulations or other restrictions.
- **Service level agreements**  
Provides customers with assurances for service level availability and reliability.
- **24/7 customer service**  
Ensures specialist technical support is always available.

## Secure and reliable services, globally

Telstra International Private Lines are available on-net throughout Asia-Pacific with diverse connectivity to EMEA and the Americas. In addition, Telstra can provide customers with end-to-end service offerings through established relationships with key strategic partners in over 50 countries. This allows Telstra to connect customer locations in countries where direct presence may not be possible, and provide a complete end-to-end experience through single ended ordering, billing, and service management.

And if you can't connect via land or sea, we have dedicated satellite connectivity from earth stations. Satellite enables access to places where fibre infrastructure is not presently available, or can provide complete network diversity to existing fibre services to mainstream markets.

## Features of International Private Lines include:

- Widely available in the countries served, including more remote locations.
- Standard interfaces and bandwidth offerings, including:
  - T1, (1.5Mbps), E1 (2Mbps), DS3 (45Mbps), STM-1 (155Mbps), STM-4 (622Mbps), STM-16 (2.5Gbps) and STM-64 (10Gbps)
  - V.35, X.21, G.703, G.957, G.707, G.691 interfaces available depending on bandwidth
- 10G Wavelength is a point to point dedicated transport service delivered over the Telstra fibre optic network:
  - Available at 10G
  - Available as unprotected
  - Protocol independent and fully transparent
  - Provides complete and unmodified end-to-end transport of payload and overhead bytes
  - Interface: optical interface, G.709
  - Leverages leading edge Dense Wave Division Multiplexing (DWDM)