

IPVPN

Your network shouldn't be complicated. With Telstra's IP-based Virtual Private Network (IPVPN), you can connect locations easily and cost effectively, with the added advantage of strong service levels, online reporting and a single point of contact for ordering, implementation, billing and support.

What is IPVPN?

Telstra's IPVPN enables you to connect your business sites easily and cost effectively. Our highly scalable networks reach into almost every corner of the world, enabling us to provide you with a truly global solution.

You can easily extend the network to meet your changing business requirements over time, increasing the financial returns from your initial investment. For example, the network is fully capable of supporting voice and video communications, as well as other prioritised data, so once you have IPVPN installed, you'll also have the infrastructure you need to introduce Voice over IP or Collaboration Services at any point in the future.

Benefits

Expertly managed and highly secure

Delivered using Multi Protocol Label Switching (MPLS) technology, our IPVPN offers high levels of security not just in the core, but also in the network infrastructure, network management and operational levels. In addition, our IPVPN can support large frame size which optimises encrypted traffic flows between sites.

Telstra implements and fully tests the service during installation, then monitors and manages the solution 24/7. As a result, you can be confident of a high quality service at all times.

We're one of the few IPVPN service providers in Asia to achieve ISO 27001 certification for the provisioning of extensive explicit management controls under Information Security Management System (ISMS).

Robust, flexible and fast

With Telstra, you'll enjoy access to one of the largest IP backbones in the Asia Pacific region, with dual PoPs and diversely-routed trunking for top performance. Low latencies between regions support delay sensitive applications such as voice and video.

Due to the dynamic routing capabilities of MPLS, Telstra's IPVPN service is inherently fault tolerant too.

Six Classes of Service (CoS) to manage priority traffic

With six CoS available on the IPVPN service, you can easily segment traffic streams and prioritise traffic that is most important to your business - for example, prioritise your Customer Relationship Management (CRM) system over emails or video conferencing over web surfing.

Cost effective for voice, video and data

Flexible pricing options; Fixed Rate or Burstable Bandwidth. A choice of multiple access technologies, including Ethernet helps make the service affordable for any size. Using a single supplier and access point for your voice, data and multimedia applications can also help substantially reduce your costs.

Features

Global network coverage

Telstra's IPVPN is suitable for both multi-site and global organisations with network coverage across Asia, EMEA and the Americas.

Telstra is able to provide you with one quote, order form, service schedule, delivery manager and service performance portal to meet your requirements across the globe.

Service Access Points

Ranging from 1 Mbps to 10 Gbps that provides your business a suitable option to connect to.

Resilient, robust network

Ensures network traffic are re-routed dynamically in the event of a core network outage.

Support for six Classes of Service (CoS) including real-time traffic

Provides you with the highest possible flexibility and scalability for Voice over IP, Video Conferencing and more.

24/7 monitoring, management and support

Supports performance and reliability of the global IPVPN network with ISO 27001 certification on its provisioning process.

Supports v4 and v6 (dual stack)

IPVPN site can support both IPv4 and IPv6 (dual stack).

Supports 4-byte ASN

Supports customers who have 4-byte ASN assigned.

Online monitoring and reporting

Access to Performance reports for International and Domestic (Australia) service through respective portals that enables you to monitor your global traffic.

More ways to connect

Telstra's IPVPN service can be delivered with a range of other options, including:

- Option to supply and have your CPE remotely managed by our experts
- Dynamic load balancing, redundant local access, option of backup port for redundancy and other resilience measures
- Wide suite of local access including Ethernet Dedicated Internet/cross-connect/FTTx for dynamic business needs
- Multicast capability to most IPVPN sites
- Encrypted IPsec VPN access for small remote sites via the Internet
- Interworking with sites on our Virtual Private LAN Services (VPLS)
- Voice over IP services including in-bound, out-bound and audio conferencing for selected locations
- Connectivity to servers in any Telstra data centre
- Cloud Collaboration and Web Conferencing
- Seamlessly connect to Telstra BIP Adapt services in Australia

Contact your Telstra account representative for more details.

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