

Global Internet



It can be hard to get the Internet performance you need when you share the space with 3 billion* other users.

What is Global Internet?

With at least 3 billion* users in the world today, the Internet is a crowded environment. Using it to connect people and offices can result in unacceptable variation in availability, quality and user experience. This problem is often compounded by a lack of visibility into site-to-site performance, hindering the ability to measure and improve. In contrast, Telstra's Global Internet services provide you with dedicated, robust and secure access to a single network, as well as access to 24/7 monitoring and customer service.

What's more, with Telstra's Denial of Service Protection (DoSP); a solution that protects your network and enterprise from the threat of Distributed Denial of Service (DDoS), it complements our Global Internet service to give you the peace of mind you need.

Benefits

Secure

With DoSP, DDoS attacks are filtered before they even reach your network. It allows you to monitor from a portal and protect against DDoS.

Optimal performance and efficiency

Telstra also provides a dedicated, uncontended connection over the internet to our customers around the globe. You will experience symmetrical upload and download with static and dynamic IP addressing.

By consolidating your services with a single provider you can minimise complexity and increase efficiency. Telstra streamlines access management to multiple global locations by providing dedicated connectivity and a wide variety of DSL speeds and up to 10Gbps Ethernet connection speeds. The use of multiple routing options over the network provides the low latency and optimised performance your business demands.

Whether you need Internet connectivity globally or in Australia, Telstra is able to provide you with one quote, one order form and service schedule that includes all information you need for a consistent customer experience.

Global flexibility and scalability

In order to extend your reach even further, Telstra has assembled international peering arrangements to minimise the total number of data hops required to reach a destination. With access to over 100Gbps of private peering across Asia, over 300Gbps in the US and more than 100Gbps in major network access points around the world, Global Internet offers the flexibility and scalability you require.

A quality experience for users

Our cable systems span over 400,000kms and integrates multiple landing points and core router sites to ensure a diverse and redundant network. We are committed to delivering a quality user experience and we achieve this goal thanks to our consistent network architecture, IP backbone diversity, 24/7 multi-lingual customer service, customer performance management portal and strong focus on service level agreements.

Balances capacity, capability and costs

Depending on the scale, location and criticality of your services, Global Internet can enable cost-effective and secure access for remote sites joining into an IP Virtual Private Network (VPN) or can act as an integrated VPN backup. This expands your options and allows you to balance capacity, capability and costs accordingly.

* <http://www.internetworldstats.com/stats.htm>

Features

Extensive IP backbone coverage

Achieved through Telstra's private and consortium cable capacity across Asia Pacific, Europe, Americas and Middle East.

Strong domestic and international peering

Ensures short hop connectivity to global content and users.

Low latency traffic routing into China

An Internet Gateway into China through our bilateral peering links across the HK/Mainland border to the Chinese carriers.

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.

Service levels

Provides you with targets and rebate options based on service delivery, availability and Round Trip Delay (RTD) for our Standard and GID Economy Service. Standard GID Service also includes Packet Delivery Ratio (PDR) and Mean Time to Restore (MTTR) SLAs.

A choice of flexible services

Businesses that want to connect, communicate and collaborate via the Internet need flexible and scalable solutions. That's why we offer our Global Internet services in these options:

Global Internet Direct standard

Ideal when differentiation of mission critical traffic is required.

Global Internet Direct Economy

A cost effective option if you need to operate applications that are less sensitive to delays, such as email and web browsing.

Global Internet Extension

Expanded Internet coverage in over 200+ countries and territories, with a wide range of technology options like Dedicated Internet Access, xDSL and FTTx. This provides comprehensive and cost effective option for back up or remote connectivity.

Global Internet Direct PBS

An On-Net internet offering in China.

Telstra Internet Direct (TID)

Connection to Telstra's high performance, carrier grade public Internet offering in Australia.

Can your WAN keep up with your ambitions?

Enterprise wide area networks (WANs) are undergoing fundamental change, can your WAN still keep up with your ambitions?

With 30% to 50% of large enterprise traffic shifting to the cloud and global IP traffic tripling from 2016-2021**, is your business ready to evolve your WAN and move towards as-a-service models or adoption of near real-time applications across the WAN?

Prioritise your network traffic route (SD-WAN), maintain network performance (IPVPN/Internet) with our **SD-WAN Connect!**

** <http://www.velocloud.com/sd-wan-blog/top-sd-wan-trends/>

Contact your Telstra account representative for more details.

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