

Global Internet Direct

It can be hard to get the Internet performance you need when you share the space with 4.5 billion* other users.

What is Global Internet Direct?

More and more enterprises are shifting towards the Internet to carry mission critical real-time business applications. Due to readily available nature and lower costs than traditional private network services, coupled with the integration into SD-WAN, there is no wonder why this is the choice of medium for many global organisations.

However, the Internet although being the most connected network in the world, has its own challenges leading to times where network congestion and unpredictable routing can affect user experience. This includes experience on applications such as Microsoft Office 365, Azure and other Microsoft SAAS applications.

With Telstra's Global Internet Direct (GID) connections powered by Microsoft Peering Service[#], customers can reach Office 365 and Azure with a consistent user experience. Take advantage of the direct routing through Telstra's network into Microsoft Global Network that guarantees geo-diverse redundant links in each city we offer the service. GID provides you with dedicated, robust and secure access to a single network, as well as access to 24/7 monitoring and customer service.

Benefits

Secure (add-on service)

With Denial of Service Protection (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 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.

With integration to Microsoft Azure Peering Service[#], GID provides high performance connectivity to Microsoft Cloud network, geo-diverse redundancy to Microsoft built-in, single-hop to the Microsoft network assured, no minimum bandwidth requirements and options to be informed of Internet latency telemetry, route monitoring for hijacks, leaks, and any other Border Gateway Protocol (BGP) mis-configurations.

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.

#Microsoft Peering Service is not an ExpressRoute or VPN product. It is a complimentary service to existing public Internet access that can bring additional peace of mind when using Microsoft SAAS applications and services.

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

** Accurate as at Jan 2020

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. According to Dyn's Internet Intelligence, Telstra has been consistently ranked amongst the most peered IP networks in Asia**.

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.

Performance visibility to Cloud

With workloads shifting to Cloud, customers have increasingly become reliant on Internet and visibility for their business operations. With Telstra's GID, customers can view Internet performance for multiple locations across popular public cloud providers.

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. Enjoy high levels of availability of service and lower latency connections via Microsoft Azure Peering Service[#].

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. Reports include Telstra's GID performance on popular cloud destinations across AWS, Azure and Google Cloud.

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.

Burst Options and Flexible pricing

You can burst based on your requirement and pay for the additional usage on predetermined rates.

Fast Start and Back up solution

Empowers you to set up stand-up office sites quickly to drive business and cater to your fast growing business needs or even acts as cost-effective back up connectivity in your transforming WAN design.

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, FTTx and 4G/5G based broadband service.

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.

Contact your Telstra account representative for more details.

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