



Business IP

Secure MPLS IPVPN solution

Telstra Business IP is your flexible solution for a fast and scalable MPLS-based IP VPN network. Built on the resilient and secure Telstra Next IP® network, Business IP includes a last mile access service and national wide area coverage.

How Business IP can benefit your business

Extensive network reach

Business IP is supported on **Australia's** largest fully integrated MPLS IP platform, the Telstra Next IP® network. Telstra has invested \$1.5 billion developing the network which is fully integrated with **Telstra's** domestic and international networks with a global reach of over 2,000 points of presence worldwide.

Wide choice of last mile access services to connect your sites across Australia.

Managed network services

Telstra manages your Virtual Private Network end-to-end, freeing up your resources to focus on your core business. It also allows you to avoid large upfront infrastructure investments by the addition of Managed Data Network (MDN) to your Business IP services. MDN routers are supplied and supported using industry leading partners such as Cisco and Juniper Networks.

End-to-end support

Business IP removes the need to recruit and upskill specialised IT personnel. A 24/7 help desk provides a single contact point for all your Business IP network and on-site equipment support requirements.

Highly secure

Business IP offers optimum security for your data through the adoption of security design best practice and independently audited ISO-27001 accreditation.

Per site billing

Simple monthly per site billing that you can reconcile easily. No data usage charges apply.

Use Cases

- Medium to large businesses and enterprises that need data connectivity. Business IP has the ability to scale up to meet your current and future Virtual Private Network needs.
- Designed to securely and reliably carry voice, data and video between branch, head office and data centre sites with traffic prioritisation available to optimise performance.

Product access options

Business IP offers a range of last mile access services to connect your sites:

- Telstra Ethernet (IP MAN) – enables you to leverage **Telstra's** extensive fibre footprint for your larger sites. Various configurations are available ranging from Single Access, Dual Access, Fully Redundant and Dual Site Diverse Access delivering speeds up to 10Gbps
- Ethernet over the **nbn™** network (Traffic Class – 2) – connects your sites using nbn fibre-to-the-premises access using nbn Committed Information Rate traffic class.
- Broadband on the nbn network (Traffic Class – 4) – connects your sites using nbn fibre-to-the-premises access using nbn “**Best Effort**” traffic class.

Access types	Telstra Ethernet	Ethernet over the nbn network (TC-2)	Broadband on the nbn network (TC-4)
Bandwidths available (subject to feasibility)	Up to 10 Gbps (excluding Dual Access)	Up to 40M/40Mbps	Up to 100M/40Mbps [#]
Target availability (access only)	99.90% (Single Access) 99.95% (Dual Access) 99.99% (Fully Redundant) 99.95% (Dual Site Diverse Access)	99.90%	99.20%
Number of classes of service (DCos) available	6	6	6
Multicast feature*	✓	✓**	✗
Static routing protocol (WAN)	✓	✓	✓
RIPv2	✓	✓	✗
OSPF	✓	✓	✗
BGP***	✓	✓	✗
My Network (online application providing visibility of Telstra Data, IP and MDN networks)	✓	✓	✓
Network monitoring	24 x 7 x 365	24 x 7 x 365	24 x 7 x 365
Standard assurance – service level agreement [^] (target response/restore)	<ul style="list-style-type: none"> 24 x 7 1 hr response 12 hr restore excl. rural/remote onsite 	Extended business hours: <ul style="list-style-type: none"> 7am-9pm, Mon-Sun 1 hr response 12-14 hr restore excl. rural/remote onsite 	End of next business day: <ul style="list-style-type: none"> 8am-5pm, Mon-Sun 8 hr response EONBD restore excl. rural/remote onsite

* Additional charges apply.

** Multicast feature on Ethernet over **nbn™** (TC-2) is provided as an additional Telstra enabled feature, not through **nbn™**.

*** IP Fast Reroute (failover) available for redundancy solutions.

[^] Premium Service Level Agreement available; these are subject to terms and conditions.

[#] Higher asymmetric speeds available and subject to feasibility.

Complementary products

Managed Data Networks

Our network management services provides configuration flexibility and tight integration with our data networks for optimal wide area network performance.

Our Managed Data Network (MDN) Bundles provide a one-stop installation, commissioning, management, maintenance and reporting solution for your on-premises network routers or switches.

The MDN Custom service has a managed router as the core service. It provides more flexibility by allowing customers to choose from a range of services and service management tiers for various sites in the organisation. Options available include Managed LAN Switch, Wireless WAN, Wireless LAN, WAN Optimisation and Data Centre Optimisation, plus a range of included and optional reporting solutions.

Telstra IP Telephony

A complete unified communications solution **that's** simple, flexible and scalable, and highly reliable. It allows you to converge voice, video and data on one network while providing a consistent user experience across devices and locations.

Telstra Internet Direct

Telstra Internet Direct provides a dedicated, carrier-grade connection to one of the largest internet backbones in Australia, linked to the global internet. **It's** a secure, high-performing internet service with superior availability, scalability and 24/7 support. To provide your network with internet access requires an IP Gateway which is ordered separately.

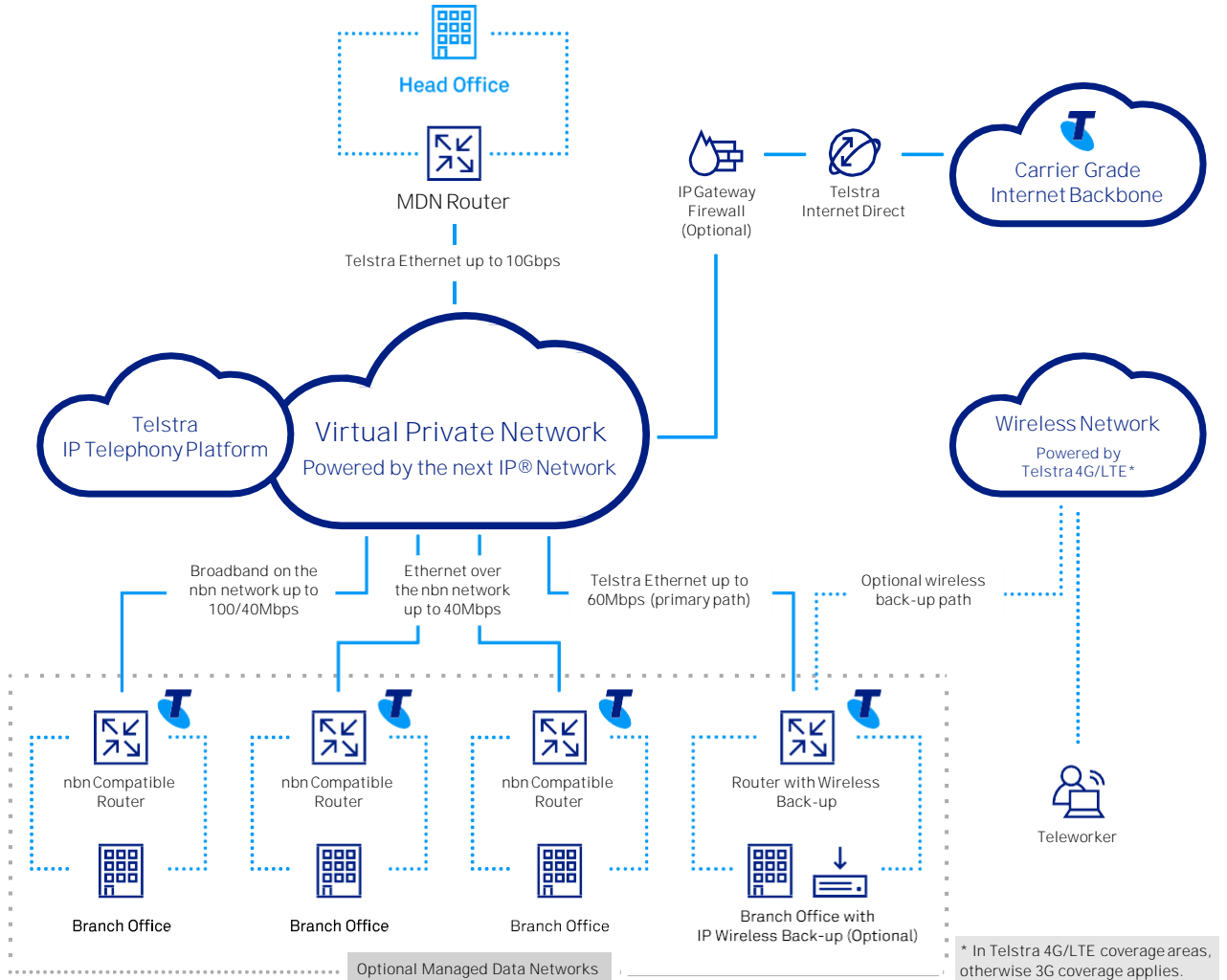
Security Services (including IP Gateway)

Protect your IP solutions network against internet and network based threats with firewalling, remote access and content security policies set by you based on your company policies.

Choose from a range of options and packages including Internet Protection, Denial of Service Protection (DOSP), and managed firewall and intrusion protection.



IP Gateway is a managed network-based gateway for Telstra IP MAN, Business IP and Connect IP customers. Engineered as enterprise-grade security infrastructure, IP Gateway provides firewalling, content scanning and remote connectivity features.

Business IP network example





Contact your Telstra account representative for more details.

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