

Business IP

Secure Private Network (IPVPN) Solution

Telstra Business IP is your exible solution for a fast and scalable MPLS-based IPVPN 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 Connect 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.

Global network coverage

Telstra IPVPN is suitable for both multi-site and global organisations with network coverage across Asia, EMEA and the Americas. Whether you need connectivity globally or in Australia, 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.

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 – 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 With bandwidth options up to 10Gbps

Direct Fibre over nbn™ enables you to leverage nbn's enterprise ethernet access with bandwidth options up to 1G

Ethernet over the nbn™ network (Traffic Class – 2) –connects your sites using the nbn™ Ethernet Product using nbn's Committed Information Rate traffic class

Broadband on the nbn network (Traffic Class – 4) –connects your sites using the nbn™ Ethernet Product using nbn's Best Effort traffic class

Telstra Ethernet-Lite – connect your sites with Telstra's Symmetrical High-Speed Digital Subscriber Line access Service offered where nbn is not available.

Telstra ADSL – connects your smaller sites with cost effective ADSL, including high-speed ADSL, offered where nbn is not available

Access types [†]	Telstra Ethernet	Direct Fibre over nbn™	Ethernet over nbn	Broadband (nbn)	Telstra Ethernet-Lite	Telstra ADSL
Highest bandwidth tier (subject to feasibility) ¹	10Gbps (excluding Dual Access)	G/1G*****	100M/100Mbps	100M/40Mbps	10M/10Mbps	20M/1Mbps
Target availability (access only)	99.95% (Single Access) 99.97% (Dual Access) 99.95% (Fully Redundant) 99.97 (Dual Site Diverse Access)	99.95% (Single Access)	99.90%	99.9%	99.80%	99.20%
Number of classes of service (DCos) available	6	6	6	6	6	3**
Multicast feature*	✓	✓***	✓***	x	✓	x
SUPPORTED ROUTING PROTOCOLS						
Static routing protocol (WAN)	✓	✓	✓	✓	✓	✓
RIPv2	x	x	✓	x	✓	x
OSPF	x	x	✓	x	x	x
BGP****	✓	✓	✓	x	✓	x
WAN FEATURES						
Application Assured Networking* - reporting	✓	x	x	x	✓	✓
Application Assured Networking* - policy control	✓	x	x	x	x	✓
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	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 x7 • 1 hr response • 12 hr restore excl rural/ remote onsite 	<ul style="list-style-type: none"> • 24 x7 • 1 hr response • 12 hr restore excl rural/ remote onsite 	Extended business hours: <ul style="list-style-type: none"> • 7am-9pm, Mon-Fri • 2 hr response • 12-24 hr restore excl rural/ remote onsite 	End of next business day: <ul style="list-style-type: none"> • 8am-5pm, Mon-Fri • 8 hr response • EONBD restore excl rural/ remote onsite 	Extended business hours <ul style="list-style-type: none"> • 7am - 9pm, Mon-Sat • 2 hr response • 2 hr restore rural/remote onsite 	End of next business day: <ul style="list-style-type: none"> • 8am-5pm, Mon-Fri • 8 hr response • EONBD restore excl rural/ remote onsite

* Additional charges apply. ** Not available for High Speed ADSL. *** 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 assurance levels available for some access types.

Higher asymmetric speeds available and subject to feasibility.

¹ Access bandwidths: Actual throughput may be lower than your selected access bandwidth for various reasons including your premises' maximum line speed, equipment limitations and transmission protocol. Speed is also affected by network trac for the contended Broadband (nbn) and ADSL access types

***** A Direct Fibre over nbn™ access service with a 1G access bandwidth has maximum layer 2 information rate of 952M

Complementary products

Managed Data Networks

Our network management services provides conguration exibility 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 exibility 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 unied communications solution that's simple, exible 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)

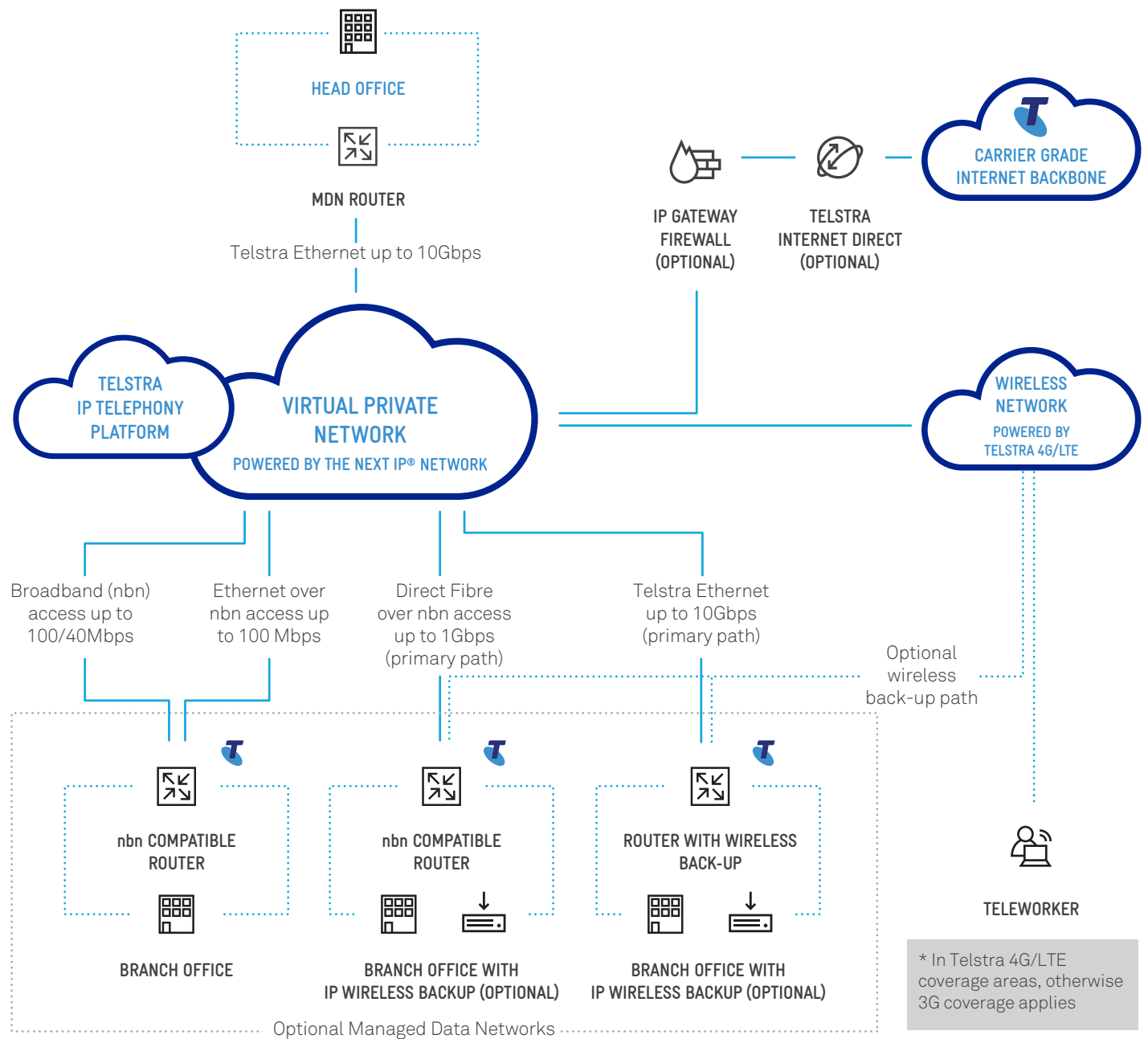
Protect your IP solutions network against internet and network based threats with rewalling, remote access and content security policies set by you based on your company policies. Choose from a range of options and packages including Internet Protection, Denial of Service Protection (DOSP), and managed rewall 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 rewalling, content scanning and remote connectivity features.

Application Assured Networking

Application Assured Networking™ (AAN) is the easy, quick and affordable way to optimise your network to help your applications perform at their peak. With detailed visibility of your business applications you can make informed decisions, and apply quality of service and bandwidth controls in real time or as scheduled..

Business IP network example



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