Telstra

Connect IP

Secure Private Network (IPVPN) Solution

Telstra Connect IP® is a turn-key solution for a fast and scalable MPLS-based IPVPN built on the resilient and secure Telstra Next IP® network.

Connect IP® includes:
- a last mile access service
- national wide area coverage
- IP gateway*
- managed on-site equipment
- support all in a single and cost effective bundle.

Use cases

- Small and medium businesses with 2 or more sites Connect IP® has the ability to scale up to 5,000 geographically dispersed sites per Virtual Private Network

- Designed to securely and reliably carry voice, data and video between branch, and head office sites with traffic prioritisation available to optimise performance.

How Connect IP® can benefit your business

Extensive network reach
Connect 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 and on-going router management costs that can lead to technology obsolescence. Connect IP® routers are supplied and supported using industry leading partners such as Cisco.

End-to-end support
Connect 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
Connect 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.

Product access options

Connect 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

Primary Wireless 4G/4GX/LTE - provides the convenience of wirelessly connecting your site to **Telstra's** extensive 4G/LTE mobile network where a fixed access service is not a practical option

Mobile Back-up - Wireless 4G/4GX/LTE is also available as a back-up service option to add more resiliency to your Connect IP® service.

* A Basic IP Gateway is supplied when you order a Telstra Internet Direct service. The IP gateway can be upgraded at an additional charge.

Access types†	Telstra Ethernet	Direct Fibre over nbn™	Ethernet over nbn	Broadband (nbn)
Highest bandwidth tier available subject to feasibility[1]	200M/200Mbps (single uplink only)	200M/200Mbps (single uplink only)****	100M/100Mbps	100M/40Mbps
Target availability (access only)	99.95%	99.95% (Single Access)	99.90%	99.9%
Number of classes of service (DCos) available	6	6	6	6
Multicast feature*	✓	✓***	✓***	✗
Internet gateway (2mb/s but upgradable)	✓	✓	✓	✓

Management Access Features				
SNMP (read access only)	✓	✓	✓	✓
Telnet (read access only)	✓ (Managed service only)	✓	✓ (Managed service only)	✓ (Managed service only)

Supported Routing Protocols				
Static routing protocol (WAN)	✓	✓	✓	✓
RIPv2	✗	✗	✓	✗
OSPF	✗	✗	✓	✓
BGP****	✓	✓	✓	✗
EIGRP	✗	✗	✗	✗
DSLw	✗	✗	✗	✗

WAN Features				
Business firewall	✓	✓	✓	✓
Radius/LDAP	✗	✗	✗	✗
Restricted topology	✓ (Managed service only)		✓ (Managed service & Managed service with DCOS only)	✓ (Managed service & Managed service with DCOS only)
Next Generation Data Reporting	✓	✓	✓	✓
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
Standard assurance - service level agreement^ (target response/restore)	• 24 x7 • 1 hr response •12 hr restore excl rural/remote onsite	• 24 x7 • 1 hr response •12 hr restore excl rural/remote onsite	Extended business hours: • 7am-9pm, Mon-Fri • 2 hr response •12-24 hr restore excl rural/remote onsite	End of next business day: • 8am-5pm, Mon-Fri • 8 hr response •EONBD restore excl rural/remote onsite

† Other access types available but not shown in table above. * 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 nbnTM. ^ Premium service assurance levels available for some access types.

[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 traffic for the contended Broadband (nbn) and ADSL access types

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

Complementary products

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.

Security Services
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.

Connect IP network example

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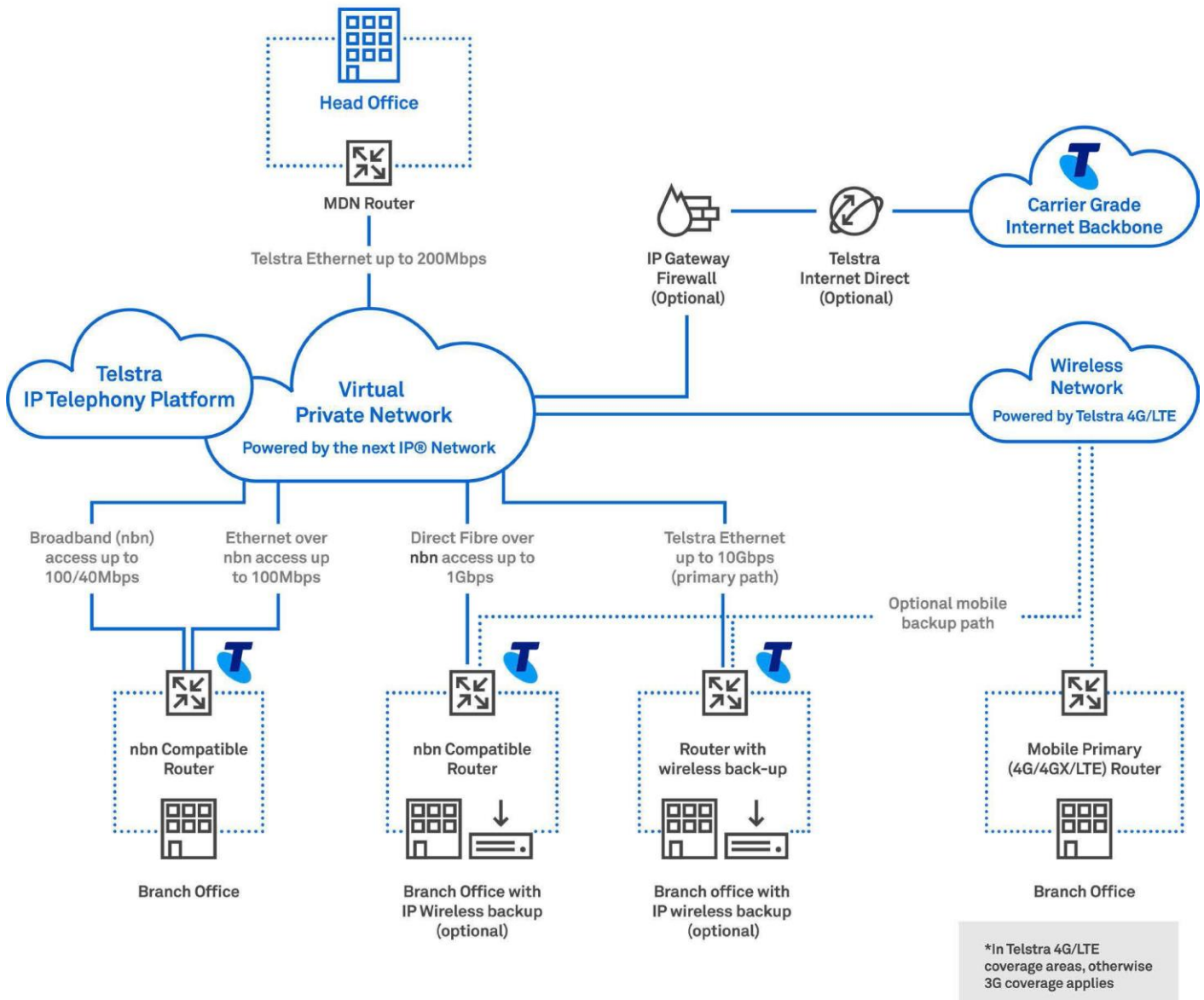
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Contact your Telstra account representative for more details.

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