



CONNECT IP™

Enjoy reliable and secure data connectivity over Telstra's world-class wired and wireless networks. For extra convenience, you can add IP voice and video telephony through a simple, converged network solution, all for a single monthly price per site.

### Product Summary

Your network needs to be scalable, fast and available to support productivity and growth. Telstra Connect IP™ delivers that through a simple, end-to-end, turn-key solution. It includes access, network and on-site equipment components plus maintenance and support with cost-efficient, price-per-site billing.

You can select an access type to suit each site, including wireless access using Connect IP™ Next G® where fixed-line connectivity is not practical. You also have the option of using Connect IP™ Telephony. This enables you to use IP phones and video telephony with the simplicity and cost-efficiency of one, converged voice and data network.

Connect IP™ eliminates the need to source individual network components or manage multiple suppliers and vendors. You can streamline voice, data and IT infrastructure and avoid the risk and cost of building, maintaining and managing your own wide area network. Telstra provides the support you need, the assurance of one point of contact and a single, all-inclusive response and restore Service Level Agreement for each of your Connect IP™ services.

Based on Telstra's IP WAN, Connect IP™ provides a national, end-to-end, fully managed private IP/MPLS solution that runs over Australia's largest fully integrated national IP network – using the Telstra Next IP® network and Next G® network. This robust platform can increase network reliability and security as well as application performance to improve the way your organisation works.

Although Connect IP™ is perfectly suited to smaller enterprises or ones with less complex needs, it scales effortlessly from a single site to 5000 sites. Designed to plug and play, it is easy to add and remove functionality. It also offers a path to solutions that can further help improve productivity and efficiency such as Video Telephony and Network Security.

## Product Benefits

- An integrated approach to simplify management of your voice and data networks
- Converge your voice and data network to help reduce costs
- Remove the need to recruit and up skill specialised IT personnel
- Avoid large upfront investment for infrastructure and on-going router management costs
- Gain greater business efficiencies and return on investment
- Reliability and availability of the Telstra Next IP® network
- Flexibility of mobile broadband access over the Telstra Next G® network\*
- Business Continuity options utilising the Telstra Next G® network for redundancy\*
- Reduce the risk of voice and data technology obsolescence
- Scalable network infrastructure to support future business growth
- Supports innovation and competitive differentiation
- Highly secure – security is integrated into our networks and solutions
- A single contact for simpler billing and management
- Allows you to focus on your core business

\* Data services only

## Product Access Options

A choice of access types is available to suit each of your sites:

- **Connect IP™ Ethernet:**  
Ethernet connectivity - improve the speed of data throughput simply and cost-effectively.
- **Connect IP™ Ethernet Lite:**  
Improve your application performance with a symmetric network solution for high-speed data transfer between your sites.
- **Connect IP™ DSL:**  
Start your IP journey with this simple and easy connectivity solution.
- **Connect IP™ Frame Relay:**  
Grow your business by taking advantage of the broad coverage, high reliability levels and guaranteed throughput of Telstra's Frame Relay network.
- **Connect IP™ Next G®:**  
Improve permanent or temporary mobile access to your business from across Australia<sup>1</sup> with an integrated IP solution that combines the Next G® network and Telstra Next IP® network with managed services.

## Connect IP™ Telephony Option

Telstra Connect IP™ Telephony is a complete, turn key solution that combines a Telstra Virtual Private Network (VPN) with hosted IP Telephony. Your people can work with voice calls and video telephony simply and easily - across multiple business locations. Integration with compatible Microsoft applications offers advanced features like Presence, Click-to-Call and Simultaneous Ring which can help improve productivity by increasing employee collaboration and minimising missed calls. Convenient one click access to telephony features also saves you time. We also offer the option of enabling your people to connect remotely while away from the office.

Voice and data traffic travels over the next generation Telstra Next IP® network, making it an exceptionally secure and reliable way to share information between your business sites. You also benefit from our ability to prioritise call traffic to help ensure call quality. With six levels of priority to choose from, it's easy to match the level of call assurance with your business needs.

Each access option offers a range of bandwidths and interfaces illustrated below:

ACCESS OPTIONS	SPEED OPTIONS (bps)	SERVICE UPTIME
Connect IP™ Ethernet	2M, 4M, 6M, 8M, 10M, 12M, 14 M, 16M, 20M, 30M, 40M, 50M and 60M	99.9%
Connect IP™ Ethernet Lite (BDSL)	128K, 256K, 512K, 1M, 1.5M, 2M, 3M, 4M, 5M, 6M, 8M and 10M	99.6%
Connect IP™ DSL	Up to 256K/64K, 512K/128K, 1.5M/256K, 512K/512K & High Speed (<20M/1M)	99.2%
	<b>Note:</b> a Telstra PSTN service must be in operation to provision Connect IP™ DSL	
Connect IP™ Frame Relay	64K, 128K, 256K, 512K, 1M and 2M	99.8%
Connect IP™ Next G®	Speeds ranging from 1.1M to 20M <sup>2</sup>	NA*

\* Telstra does not offer guaranteed availability for Connect IP™ Next G®

Connect IP™ Telephony lets you migrate at your own pace from your current phone system to IP Telephony using a converged voice and data network. Aside from potentially saving on call costs, you can also reduce the complications of managing dual networks.

Telstra's end-to-end solution offers even more advantages. You don't have to worry about big set-up costs or ongoing maintenance and upgrade expenses. We take care of it for you, providing the network, inbuilt security, automatic technology improvements and full support. All this is from a single point of contact to save you time managing multiple suppliers. The solution is also delivered with single, monthly price-per-site billing for easy budgeting.

Connect IP™ Telephony is available with two access options. High definition, IP voice user packages or video phone packages can be selected on a per site basis. The packages offer the option to add additional users, and standard packages can be upgraded for employees who need extra functions.

ACCESS OPTIONS	IP PHONES PER SITE	VIDEO PHONES PER SITE
Connect IP™ Ethernet	5,10,20,35,50,70	5,8,10,12,15,20,25,30,40
Connect IP™ Ethernet Lite (BDSL)	3,5,10,20,35,50,70	3,5,8,10

**Note:** Next G® backup service for Connect IP™ Ethernet and Connect IP™ Ethernet Lite does not support Connect IP™ Telephony voice and video telephony services. Connect IP™ Telephony is not currently available with DSL, Frame Relay or Connect IP™ Next G® access options.

## Product Features

With Connect IP™ and Connect IP™ Telephony, Telstra can remove the headache of voice and data network management with a comprehensive suite of integrated features for simplicity and convenience.

### Networking hardware

- Sourcing and installation of on-site equipment including network terminating equipment and router. For the Connect IP™ Telephony option, this includes a choice of IP voice handsets, video telephony handsets and managed switches.

### End-to-end support

- A 24/7 Help Desk provides a single contact point for all of your network and on-site equipment support requirements. Telstra uses exceptional Service Management Framework principles and gives you access to skilled professionals and world-class facilities.

### A choice of service levels

- Should an issue arise or incident occur, Telstra aims to manage the restoration of your service to agreed service level targets.

## Simple integrated billing

- Enjoy the simplicity of a single bill per site for all your converged voice and data networking, even if you add other Telstra solutions to Connect IP™ and Connect IP™ Telephony.

## Backup options

- Maintain Business Continuity using the Telstra Next G® network<sup>1</sup> for backup.

## Network reach and reliability

- A secure, fully managed, IP/MPLS solution that leverages Australia's largest fully integrated IP platform and connects to the world via our Global IP-VPN.
- The Telstra Next IP® network offers Class of Service and Quality of Service, and is designed with a core network reliability of 99.999%. Our unique visibility from the core network through to customer networks allows us to monitor operations 24/7 and take swift action should issues arise.
- The Telstra Next G® network covers over 2.1 million square kilometres and more than 99% of the Australian population. Better in-building coverage, industry leading performance and continually enhanced speeds enable you to access corporate or cloud-based applications and data with ease<sup>2</sup>.

## High security

- An Internet Gateway provides secure connectivity to the internet via Telstra Internet Direct (usage plans required).
- Telstra Next IP® network products IP WAN, IP MAN, MWAN and IP Wireless have international ISO-27001 security certification. Inbuilt security measures at all layers and devices of the network are designed to protect the integrity of your information.
- All traffic across our wired and wireless networks is monitored 24/7 by the Telstra Security Operations Centre.

## Why Telstra?

Telstra provides network services and solutions to more than 200 of the world's top 500 companies. They rely on us to do business across 240 countries and territories and to enable greater productivity, efficiency and growth.

Telstra solutions offer exceptional benefits – skilled people and a rich portfolio of services delivered on our world-class Telstra Next IP® network and Next G® network. To ensure reliable performance, they're monitored and maintained from our dedicated centres using advanced management and operational systems. And they're backed by Telstra Enterprise-grade Customer Service® and one of Australia's largest and most qualified field and technical workforce.

## Complementary Products

### 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.

### Internet Protection

A premium fully managed web and mail security solution delivering comprehensive insight and control over web content and email traffic.

### Denial of Service Protection (DOSP)

The Telstra DOSP solution monitors your traffic and when an attack is seen activates a cleaning solution to mitigate the effect of the attack.

### Managed Security Services

Protect your network from the threat of attack from inside and outside your corporate network with Managed Firewall and Manage Intrusion Protection. Include Vulnerability Assessment services in your security strategy to expose and remediate potential issues.

### Network Computing Services

Reduce your risk by using Telstra's cloud-based Network Computing Services. Telstra delivers flexible, on-demand cloud computing over an agile enterprise-grade platform – quickly, reliably, and securely.

IF YOU HAVE ANY QUESTIONS  
PLEASE CONTACT YOUR **TELSTRA  
ACCOUNT EXECUTIVE** VISIT  
**TELSTRA.COM/ENTERPRISE**  
OR CALL **1 300 TELSTRA**



1. Where there is Telstra Next G® network coverage

2. Like any other mobile network, Next G® network coverage depends in part on where you are, what particular device you are using and whether your device has an external antenna attached. If you want to find out about the Telstra Next G® network coverage in your area, visit our coverage maps, available on <http://www.telstra.com.au/mobile/networks/coverage/maps.cfm>

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