



# IT'S YOUR BUSINESS ADVANTAGE

Everything you need to know  
about our data products



# SIMPLY BETTER DATA SOLUTIONS

At Telstra Wholesale, we're continually investing in our business so that we can confidently deliver world class solutions to yours, enabling you to create a competitive advantage.

We've revised our whole approach to data. It's our way of preparing for the future and ensuring we're providing what your business needs and making it easier for you to deal with us.

We have an improved and simplified, yet sophisticated suite of products to provide you with greater flexibility, robustness and reliability, wrapped up with easier to understand commercial and pricing arrangements.

You'll have access to our online quote tools, which give you a simple and efficient way to access pricing information. This allows you to create quotes based on your contracted rates.



Our new approach to wholesale data can give you the competitive advantage you're looking for.

Product Comparison	Managed Leased Line	Ethernet Access	Ethernet Backhaul	Wavelength
<b>Best Use and Configuration</b>	National SDH/ EoSDH solution providing carrier grade transport service for mission critical applications. Bandwidth granularity and direct fibre connectivity (no NTU). Proactive service level monitoring provides peace of mind.	Efficient aggregation of a range of copper and/or fibre based Ethernet business access services over four classes of service. Best used in point-multipoint scenarios.	Flexibility to manage your network traffic over four classes of service. Available in both point-point and point-multipoint configurations.	High capacity connectivity for core network points of presence. For example, backhaul between NBN Pops, data centres and customer PoPs. Bandwidth options start at 1Gbps.
<b>Coverage</b>	National	Metro and Regional	Metro and Regional	Metro and Regional
<b>Platform</b>	SDH	Native Ethernet	Native Ethernet	DWDM
<b>Interface options</b>	SDH/Ethernet	Ethernet	Ethernet	SDH/Ethernet

# PREMIUM TRANSMISSION

## Managed Leased Line

Managed Leased Line offers dedicated and scalable bandwidth for both access and backhaul applications. It's underpinned by our national SDH network and is ideal for mission-critical applications.

Managed Leased Line provides permanent, reliable and secure connectivity together with enhanced assurance options, all backed up by our service assurance.

Managed Leased Line services are alarmed and monitored 24/7 by our team of dedicated network assurance experts, giving you peace of mind that we're minimising the risks of service outages for your business.

Managed Leased Line is available in a range of bandwidths from 2Mbps to 10Gbps, with your choice of SDH or Ethernet interface.

Its reliable bandwidth, added features and assurance make it the perfect choice for businesses who want the confidence that comes with having superior network services.

Ideal for quality mobile back-hauling or for connecting and carrying traffic between your Points of Presence (PoPs) and the National Broadband Network's Points of Interconnect (POIs) or data centres.

# FLEXIBLE ETHERNET PRODUCTS

Many businesses now use Ethernet to provide reliable wide-area network connectivity, large or small. Our Ethernet solutions have extensive national coverage. They're a cost-effective and reliable way to scale, and support voice, data and video convergence on a unified platform.

## Ethernet Access

Telstra Wholesale Ethernet Access provides the ultimate in scalable and flexible connectivity for all your business customers. It offers aggregation of both copper and fibre services with bandwidths ranging from 256kbps to 1Gbps, four classes of service, and planned coverage to over 2,000 exchanges (1,700 of which support fibre services).

With Ethernet Access, you can integrate copper and fibre services to a single hand-off. You can scale services as customer demand grows with minimal service disruption.

This delivers a better end-user experience, reducing deployment complexity and time to market, while also reducing capital and operational costs.

Ethernet Access is a MEF CE 2.0 E-Line certified business access service (where supplied over fibre optic cables).

Ethernet Access can be used for connectivity of your unified communications needs. It's typically used as a point to multipoint service that connects multiple tail ends to a single head end. For example, it could be used to connect an end-user's branch offices to its head office or end user premises to a customer's PoPs.

Examples of typical Ethernet Access end-users include:

- **retail stores** – for inventory management systems using Virtual Private Networks (VPN)
- **small and medium businesses** – for corporate internet, cloud, collaboration, video and VoIP solutions
- **large corporations** – for key components within a complex IP-VPN solution.

## Ethernet Backhaul

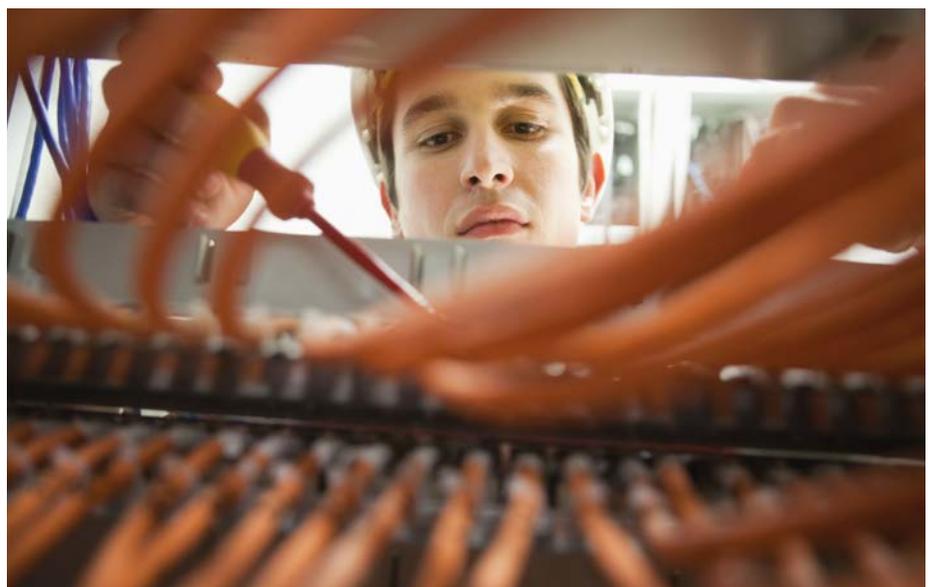
Ethernet Backhaul combines our high-quality layer 2 network, services and operational capabilities into a simple, standardised solution.

It uses proven pseudowire/Virtual Private LAN Service (VPLS) technology to provide you with tailored backhaul connectivity solutions, fulfilling your backbone and interconnect requirements. The product also features four classes of service (CoS) that allow you to prioritise data traffic and is a MEF CE 2.0 E-Line certified service.

For service providers offering Internet services, Ethernet Backhaul lets you connect and carry traffic between your PoPs, Telstra equipment buildings where you have equipment (e.g. your DSLAMs), or data centre sites.

You can prioritise your data traffic depending on its importance using Ethernet Virtual Connections (EVCs) and the four classes of service at the bandwidths you require.

For mobile network operators, Ethernet Backhaul can be used to connect and carry traffic between your mobile base stations, hub sites and centralised Radio Network Controller (RNC) sites. You can fully utilise the different classes of service to optimise the backhauling of your mobile voice and data traffic, network management signalling and Ethernet synchronisation.



# HIGH CAPACITY WAVELENGTH SERVICE

## Wavelength

Our Wavelength service provides high bandwidth, point-to-point connectivity between network PoPs. Based on Dense Wavelength Division Multiplexing (DWDM) technology, the solution can provide you with additional bandwidth efficiently as needed. Once built, upgrades to the bandwidth of the service can be easily made with minimal physical work and the service can be re-configured quickly according to your needs.

Delivered over Telstra's reliable and secure optical fibre network, Wavelength offers bandwidth options of 1Gbps Ethernet, 10 Gbps Ethernet, 2.5 Gbps SDH and 10 Gbps SDH in selected capital city metropolitan areas and along selected inter-capital routes.

We're also expanding our footprint to provide high bandwidth connections to NBN POIs in regional areas. Wavelength is ideal for Carriers, Systems Integrators and Service Providers seeking high bandwidth backhaul between their major PoPs and data centres.

It's all part of our commitment to offer simpler, more flexible data solutions that are well-suited to the support of video, large file transfer, cloud applications and much more.



## About Telstra Wholesale

Telstra Wholesale is Australia's leading supplier of wholesale telecommunications services.

Carriers, ISPs and service providers rely on us for a range of products and services including voice, wireless, internet and data, for their customers in Australia and overseas.

We deliver simple, smart and flexible solutions that help you meet your challenges and keep your customers smiling. Underpinning this is a strong commitment to customer service, with your satisfaction at the very top of our priorities.

## What to do next

Talk to us today about finding the best data solution for your business, or visit [telstrawholesale.com.au/data](http://telstrawholesale.com.au/data)