



High Speed optical transmission

Get your data moving. Optus WaveLink connects your state capital city offices and data centres with a high speed transmission service based on optical WDM technology.

It starts with yes

yes OPTUS

Key benefits

High-performance, high-quality and highly reliable transport service based on Wavelength Division Multiplexing (WDM) technology.

- Dedicated bandwidth in point-to-point configurations.
- Defined and simple interface supporting standard Ethernet speeds and frame sizes.
- Lower latency compared with router or switch based network.
- 24 x 7 customer support.

Keep your business going

Optus WaveLink provides high speed, high availability and highly secure connectivity between customer sites for mission critical applications. It can support high bandwidth services that are typically required by organisations to support their Disaster Recovery and Business Continuity needs.

Optus WaveLink is based on Wavelength Division Multiplexing (WDM), a fast and reliable end-to-end optical transmission technology. It provides the dedicated bandwidth and low latency required for today's business applications such as real-time video, as well as for transferring large volumes of data for Disaster Recovery Centres or Storage Access Network replication.

Fast and reliable

This service can be beneficial to organisations requiring reliable and low latency transport for functions such as the following:

- High-speed data (LAN and WAN traffic)
- Distance learning
- Converged access combining delivery of voice, video, data and image applications
- Mainframe and server file transfers
- Strategic peering
- CAD and imaging transmission
- Host disaster recovery
- High-volume transaction communications
- Web servers and e-commerce applications
- Content providers
- Centralised data centres

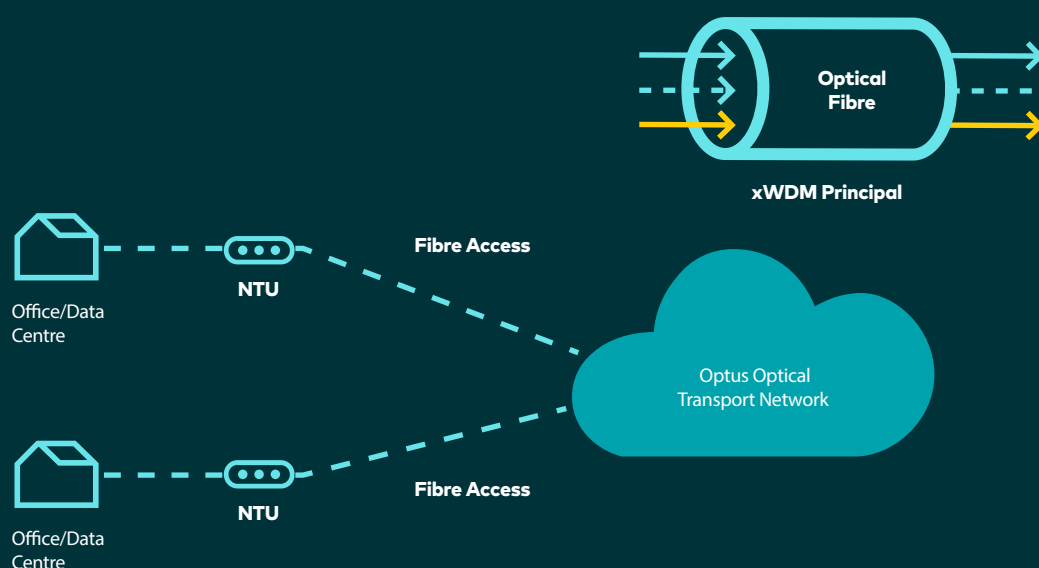
Key features

Full Duplex

The Optus WaveLink service provides full duplex, high-speed dedicated bandwidth connectivity of up to 100Gbps in point-to-point connections.

Wavelength Division Multiplexing

The technology base of WaveLink is Wavelength Division Multiplexing (WDM), which transmits different colours (wavelengths) of laser light via the same optical fibre at the same time, allowing scalability on a single media.



Flexible ways to connect

Optus WaveLink enables organisations to have point-to-point connections within and between six of Australia's capital cities* where Direct Access fibre is available. A range of service protocols are available including Ethernet, TDM(SDH) and Fibre Channel.

High Capacity

Bandwidths are available up to 100Gbps so you can choose the throughput speed required.

Service level targets

Optus provides service level targets backed by rebates so you have more certainty about the service quality for your mission critical applications.

Service and Support

The Optus network is monitored 24 hours a day, 7 days per week to help prevent problems and ensure optimal service availability. The Optus Enterprise Service Desk also provides around-the-clock telephone assistance for call logging and incident management.

Summary of service features

Features	Description	
Service Type	Wavelength Division Multiplexing (WDM) Service	
Access Path	Single (unprotected) and Protected options	
Bandwidth Range	1Gbps to 100Gbps	
Customer Interfaces	Ethernet:	1000BaseSX/LX/ZX
		10GBaseSR/LR
		100G BaseLR4/ER4 (also 112G Base OTU4 LR4/ER4)
	TDM:	S-16.1 (for STM16)
	Fibre Channel:	1.065 GHz
		2.125 GHz
	(all with LC/PC connectors)	
Service Protocol Support	1GbE, 10GbE LAN/WAN, 100GE (and 112G-OTU4)	
	1G FC (1.065Gbps), 2G FC (2.125Gbps)	
	SDH STM- 16, SDH STM64	
Target availability (measured monthly)	99.90% - unprotected paths (SP-NIP)	
	99.95% - protected paths (PP-NIP)	
Customer support	24 hours, 7 days per week	

Network service configuration options

Optus WaveLink is available in three possible configurations as summarised in the table below:

Network Configuration	1GbE /10GbE/ 100GbE/112G-OTU4	1Gb FC/2GB FC	STM-16/STM-64
SP NIP	✓	✓	✓
PP NIP	✓	✓	✓
Path diversity for two SP NIP	✓	✓	✓

Note: SP = single path, PP = protected path, NIP = non interface protected

* Optus WaveLink is available in the CBD and Metropolitan areas of Brisbane, Sydney, Canberra, Melbourne, Adelaide, Perth and some regional cities (subject to the availability of capacity between the site and the Optus Network).

To get started, talk to an Optus Account Manager today

Request a call back at
optus.com.au/enterprise/contact-us

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