



Horizon Cable

Horizon is Vocus' new 2,000km long-haul fibre network, purpose-built to deliver high-capacity, resilient connectivity across Western Australia's Mid West and Pilbara regions.

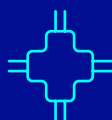
Running from Perth to Port Hedland, Horizon provides a critical new digital backbone for one of Australia's most important economic corridors – supporting industries, communities and infrastructure with the connectivity required for the next generation of operations.

For decades, this region relied on a single inland fibre provider, with no alternative.

Horizon introduces:



Network diversity



Competitive infrastructure choice



A direct pathway into Asia



vocus.com.au/horizon

The Vocus Network

Horizon forms part of Vocus' broader national and international network, connecting:

- Regional and remote operations to Perth and major Australian cities
- Industrial sites and communities to new NEXTDC edge data centres in Newman and Port Hedland

It sits as a strategic link between regional Australia and global markets, directly linking to the Darwin-Jakarta-Singapore Cable system enabling a lower-latency route to Singapore, one of the world's largest enterprise data processing hubs, enabling:

- Faster, lower-latency access to cloud platforms
- Scalable infrastructure for AI and automation
- Reliable connectivity for mission-critical operations



Horizon provides the foundation for safety systems, production, logistics, public services and economic activity

Horizon Cable: A new digital backbone built for Australia's future.

- 2000km between Perth and Port Hedland
- Direct connection into Jakarta and Singapore
- Available to connect now
- Built, operated and supported in WA

— Vocus Network
— RBBP Network
— 3rd Party Network



Customer use cases

The Vocus network is designed to support data-intensive, mission-critical environments where performance, resilience and low latency are essential.



Autonomous and remote operations

Horizon enables real-time control of remote industrial assets, via always-on connectivity, enabling:



Autonomous mining fleets monitored and operated from remote control rooms



Remote monitoring of safety, equipment and operations



AI inference inputs into live production processes

AI and data-driven operations

Horizon carries up to 38Tbps of capacity inland through Mullewa, Cue, Meekatharra and onwards into the Pilbara, enabling AI and cloud connectivity for operations and towns inland and away from the coast, supporting:



Predictive maintenance systems



Process optimisation



AI-driven analytics

Resilient critical infrastructure

Horizon underpins safety systems, production, logistics, public services and economic activity. Industries such as mining, energy, ports, transport and governments can rely on Horizon to support:



Redundant connectivity paths



Business continuity and failover



Reliable operation in extreme environments

LEO satellite enablement

Horizon provides the connectivity for low earth orbit ground stations along the cable route which provide next-generation satellite coverage, helping extend connectivity for:



Regional and remote communities and businesses



Mining and resources operations across Australia



First responders and emergency services in remote locations

Network architecture

Horizon forms part of our “figure of eight” national network design. Vocus can flexibly reroute most customer data services* onto an alternate path, should the customer choose.



Feature	Horizon Cable
Max service speed	Up to 400 Gbps per service 10 / 100 / 400 GE available today
Total capacity	38Tbps+ design capacity with expandability to 90+ Tbps
Network age and life	New build 2024/25. STL high-tensile fibre. 30+ yr design life to 2050s
Diverse paths	Three Diverse paths out of Pilbara · Horizon terrestrial + · DJSC/ASC subsea + · NWCS/Darwin
Flood / cyclone resilience	Purpose-built CEVs for heat, humidity, dust, floods, cyclones & bush-fires — modeled per-site
Edge data centres	Direct connectivity in NEXTDC Newman & NEXTDC Port Hedland. No need to route data to capital cities for processing
Field services	· Automated end-to-end testing plus 24/7 human monitoring · Staff located in Perth and in regional locations across WA

* Customers choose whether wavelength/DWDM services are delivered in protected or unprotected configurations.

Vocus operates one of Australia’s most extensive digital infrastructure platforms, including:

- 51,000 km of fibre network across Australia
- 14,700 km of sub-sea cables connecting to Asia and the USA
- Nationwide LEO satellite ground station deployments
- This scale ensures customers are supported by robust, end-to-end connectivity across land, sea and space



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