



JANUARY 2024



Our Ethernet services for RSPs and ISPs are Point-to-Point or Point-to-Multipoint and meet international telecommunications standards.

These are delivered over our state of the art, high performance, carrier-grade network throughout Queensland.

Our network spans more than 13,000 kilometres, stretching West from Brisbane to Toowoomba and beyond, and North through regional townships up to Cairns. Uniquely, our network is constructed within the high voltage corridor, providing a diverse option to other major carriers.



Connecting Queensland

QCN is jointly owned by the Queensland Government Corporations Powerlink Queensland and Energy Queensland. We provide secure, diverse offerings to other carriers. Already connected to regional Queensland towns, cities and data centres, our reach is growing every day.

EXTENSIVE REGIONAL REACH	Services across the 1.853 million km ² of Queensland.
FLEXIBLE	Scale up or down as you need.
EXTENSIBLE	Up to 10Gbps with coverage across Queensland.
DEPENDABLE	Backed by our SLAs. Carrier-grade, secure network with core protection.
EXTREME LOW LATENCY	Providing support for real time applications.

SUPPORTED: You get to know the team and deal with the same people from design through to operations.

HIGHLY SKILLED: Our highly skilled team and their partners will help you unlock the value in your business and design the best solution for your needs.

COMPREHENSIVE: We deliver the whole solution – network design, facilities access, contractor management, civil works, and service testing.

Key Features

- **Bandwidth for your business needs** – from 10Mbps to 10Gbps, in agreed increments.
- **Easy integration** – into your network.
- **Streamlined** – low latency, high availability.
- **Connect your way** – Point-to-Point and Point-to-Multipoint Ethernet connectivity.
- **Reliable** – 24x7 Support, experienced team, and excellent SLAs.

Transport Technology	MPLS-TP	SDH
Bandwidth	1Gbps, 10Gbps	Up to 1Gbps
Bandwidth allocation	Uncontended	Uncontended
Optical Interface Types	1000Base-LX (SMF, 1310nm, 10km) 1000Base-EX (SMF, 1310nm, 40km) 1000Base-ZX (SMF, 1550nm, 80km) 10GBase-LR (SMF, 1310nm, 10km) 10GBase-ER (SMF, 1550nm, 40km) 10GBase-ZR (SMF, 1550nm, 80km)	1000Base-LX (SMF, 1310nm, 10km) 1000Base-EX (SMF, 1310nm, 40km) 1000Base-ZX (SMF, 1550nm, 80km)
MTU	9216	9216
L2 protocol transparency	✓	✓
Service aggregation	✓	✓
Coverage	Metro DC-DC Statewide	Metro DC-DC Statewide

Point-to-Point



Point-to-Multipoint

