Reliable, High Speed Data Services

Connecting Regional, Rural and Metro Australia

Lumea
Transgrid Group

Powering your Business with Scalable Fibre in the Sky Network

Lumea, part of Transgrid Group, is a leading connectivity infrastructure provider operating across NSW, ACT, VIC and QLD. Lumea operates across a primarily aerial fibre network of over 7,500km including our connected partner networks, with approximately 2,000km of additional fibre construction planned before 2031.

Our extensive and independent 'Fibre in the Sky' network provides true network diversity from other terrestrial fibres, and has proven to continue operating reliably during extreme weather events such as fires and floods. Lumea is an approved provider of Data and Internet services on the NSW government Telecommunications Purchasing Arrangement (TPA) and Local Government Panels (LGP).

Secure
Critical infrastructure built to the highest standards and endorsed by the Critical Infrastructure Centre (CIC).

24/7 Support
Services backed by an experienced Australian based team with 24/7 support.

Reliable
Fibre optics sealed inside multiple layers of metal alloy protection, secured 30-65m in the air at physically secure sites.

Established Footprint
7500km + of fibre across NSW, VIC, ACT and QLD with 25+ connected Data Centres.

Asset Surveillance
Assets that are regularly inspected via drone and helicopter for bushfire prevention, vegetation management and structural integrity.

Our services

Wavelength

Wavelength is a high capacity, point to point data carriage service utilising the latest Dense Wavelength Division Multiplexing (DWDM) technology. A perfect customer solution for large bandwidth applications such as Data Centre Interconnect and database replication across an expanding 25+ connected data centres in NSW, QLD, ACT and VIC.

Spectrum

Spectrum is a high capacity, scalable, point-to-point photonic carriage service that enables customers to leverage their own investments in Dense Wavelength Division Multiplexing (DWDM) transponder equipment, whilst benefiting from Lumea's extensive optical network reach and connectivity.

Carrier Ethernet

Carrier Ethernet is a scalable network solution for private network and cloud connectivity that accommodates multiple traffic types, including voice, video and non-IP based traffic. Carrier Ethernet is a Layer 2 Virtual Private Network (VPN) solution which gives you a simple alternative to traditional Layer 3 IP VPNs.

Internet

Internet offers a complete layer 3 connectivity solution with internet access to the World Wide Web with no customer network build or head end requirements. The product is available in two variants of a business grade internet service or an IP Transit product for uncontended carrier grade internet service for Internet Service Providers and aggregators to move traffic beyond their peering network.

Figure 1: Our fibre network

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