

# LUMINET PRESS RELEASE

RELEASE DATE:

19 October, 2021



## **Luminet deploys a new 20,000 fibre Hyperscale Private Dark Fibre Network in Sydney using Australia's largest single optical fibre count cable from AFL**

**Sydney, Australia – October 2021** — The COVID-19 pandemic has further highlighted the increasing worldwide demand for cloud based public and business services. This demand has resulted in a surge in Data Centre construction activity to house the growing array of hosted cloud services which, in turn, has driven the need for reliable high-performance interconnection capabilities between the physical sites in the form of large-scale optical fibre networks.

Luminet is an Australian licensed telecommunications carrier that has been in operation for over a decade providing services to design, construct and maintain private Dark Fibre networks for large Data Centre operators and Cloud Service providers who want the certainty of capacity and reliability that comes from a dedicated optical fibre network.

Innovations in fibre cable manufacturing methods and termination equipment have led to a new breed of "Hyperscale" networks involving thousands of fibres in dedicated point-to-point connections to take advantage of the economies of scale and optimal space utilisation.

Luminet has recently completed another private "Hyperscale" Dark Fibre network involving more than 20,000 fibres for a large global Data Centre operator in the south-east metro area of Sydney. The network connects multiple Data Centre sites together through the streets of Alexandria and Mascot using Australia's largest available optical fibre cable containing 6,912 fibres in a single sheath.



The 6912F cables used are from AFL and feature Fujikura's patented SWR® Spider Web Ribbon technology and 12 fibre MPO FUSEConnect® terminations to give flexibility on fibre distribution points within each Data Centre.

Richard Kaehne, AFL National Account Manager states, 'AFL is again delighted to provide a complete connectivity solution that includes our 6912F Wrapping Tube cable with Spider Web Ribbon (SWR®) technology. The deployment of mega fibre count SWR® cables has delivered Luminet precious improved infrastructure space utilisation and significant savings in commissioning timeframes.'

Barry Evans, Director and co-Founder at Luminet said, 'There is a growing trend for large-scale Data Centre and Cloud Service operators who want private Dark Fibre connectivity solutions involving thousands of fibres to handle their huge bandwidth and multiple system cross-connect requirements. Developments in fibre flexibility, smaller cables with larger fibre counts, and high-density termination equipment has made the economics very viable for Luminet to design, build and maintain dedicated hyperscale Dark Fibre networks for our customers.'

## **About Luminet:**

Founded in 2008, Luminet is an Australian licensed telecommunications carrier specialising in the design, deployment and support of private Dark Fibre networks.

Luminet's recent projects have focused on hyperscale fibre connectivity between new and existing data centres in the rapidly growing sector of large-scale private fibre deployments.

Luminet have also delivered smaller scale projects for customers that need the performance, reliability and security features that only Dark Fibre can bring as the world's fastest passive transmission medium available for communication networks.

---

## **Contact Information:**

Luminet

Barry Evans

0422 999 999

1300 LUMINET (586463)

[barry.evans@luminet.com.au](mailto:barry.evans@luminet.com.au)

[www.luminet.com.au](http://www.luminet.com.au)

###