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**Lumea** and **Ciena** (NYSE: CIEN) are delighted to announce their collaboration to transform Lumea's telecommunications services to offer customers high-speed 100G+ Wavelength services.

The upgrade enables connectivity to regional areas that can support bandwidth-intensive applications used for medical imaging, telehealth and remote surgery support, as well as high definition telepresence and real-time data backup.

Lumea's Head of Telecommunications, Glenn Wood said, "We are excited to work with Ciena in enhancing our infrastructure so we can offer customers a more seamless and cost-effective alternative to traditional connectivity providers."

With Ciena's WaveLogic Ai technology, the high-capacity and more resilient fibre network delivers high-speed services as well as power and space efficiency benefits for Lumea's enterprise, wholesale and government customers across Australia's eastern states.

"This equips us to deliver the same level of performance enjoyed in metropolitan centres to regional businesses who have been relying on slow residential grade connections. Our goal is to continue bridging the digital divide, by providing access to technology that enables people to create value for their communities by developing new skills and driving innovation." Wood said.

Ciena's Managing Director of Australia and New Zealand, Matt Vesperman says, "Lumea is a prime example of how improved connectivity enables a smarter and more connected society. With Ciena, Lumea adapts and scales to deliver new levels of performance while transitioning to a more sustainable network."

The backbone network upgrade will significantly increase the network's capacity to enable open access for 5G transmission, cloud and edge computing applications, as well as providing the ability to scale up as high as 800G as new applications emerge.

Using Ciena's WaveLogic Ai-powered 6500 platform to support its Data Centre Interconnect (DCI) strategy, Lumea will be able to offer 100G to 400G Wavelength services between key data centres across one of Australia's most diverse and secure fibre networks.

Lumea manages one of the largest fibre networks in Australia. The provider focuses on two main areas: data services and wireless colocation on its towers - with more than 130 telecommunications towers and 37,000 high voltage transmission towers.

## **About Lumea:**

First established in 2017 as a business division within TransGrid, Lumea has built an industry reputation as experts in designing, delivering and operating complex projects for customers. Combining proven expertise in infrastructure and telecommunication services and commercial and technical innovation, Lumea has a portfolio of over 10GW of renewable energy generation being brought into the market and is also a leading provider of telecommunications services with a focus on regional areas, data transmission and emergency broadcast services.

## **About Ciena:**

Ciena (NYSE: CIEN) is a networking systems, services and software company. We provide solutions that help our customers create the Adaptive Network™ in response to the constantly changing demands of their end-users. By delivering best-in-class networking technology through high-touch consultative relationships, we build the world's most agile networks with automation, openness and scale. For updates on Ciena, follow us on Twitter [@Ciena](#), [LinkedIn](#), the [Ciena Insights blog](#), or visit [www.ciena.com](http://www.ciena.com).

## **Note to Ciena Investors:**

You are encouraged to review the [Investors section](#) of our website, where we routinely post press releases, SEC filings, recent news, financial results, and other announcements. From time to time we exclusively post material information to this website along with other disclosure channels that we use. This press release contains certain forward-looking statements that are based on our current expectations, forecasts, information and assumptions. These statements involve inherent risks and uncertainties. Actual results or outcomes may differ materially from those stated or implied, because of risks and uncertainties, including those detailed in our most recent annual and quarterly reports filed with the SEC. Forward-looking statements include statements regarding our expectations, beliefs, intentions or strategies and can be identified by words such as "anticipate," "believe," "could," "estimate," "expect," "intend," "may," "should," "will," and "would" or similar words. Ciena assumes no obligation to update the information included in this press release, whether as a result of new information, future events or otherwise.

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