



NEWS RELEASE

Lumen Powers JUNO Trans-Pacific Cable U.S. Landing with High-Capacity Backhaul Network

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Connection gives enterprises direct, low-latency pathway between U.S. and key Asian markets

DENVER--(BUSINESS WIRE)-- With undersea cables accounting for more than 99% of international data traffic, a robust terrestrial network is vital for ensuring seamless, high-capacity data flows across continents. **Lumen Technologies** (NYSE: LUMN) announced it will provide the terrestrial backhaul connectivity for the **JUNO Trans-Pacific Cable System**, the highest-capacity trans-Pacific cable linking Japan and the United States. Lumen's fiber network will carry traffic from the cable's U.S. landing point in Grover Beach, Ca., to two major points of presence (PoPs) in San Jose and Los Angeles— helping to revolutionize business operations and technological advancements in both countries.

The JUNO Trans-Pacific Cable System

"An undersea cable can carry massive amounts of data across oceans, but it's the strong terrestrial network that completes the journey," said Ashley Haynes-Gaspar, Lumen EVP and Chief Revenue Officer. "Lumen designed and developed a dark fiber solution the JUNO system could quickly deploy to meet their launch date. Our critical fiber backbone enables the seamless high-capacity transport from Asia into the heart of the U.S. digital economy. This level of control, scale, and performance is exactly what global enterprises and cloud providers need to support the next generation of AI and data-driven innovation."

The JUNO cable, operated by Seren Juno Network Co., Ltd., is 10,000 kilometers long and engineered to deliver up to 350 Tbps across 20 fiber pairs, using next-generation Space Division Multiplexing (SDM) technology. Lumen's dark fiber backhaul gives JUNO custom, private network configurations. Connecting JUNO at the cable landing station to two critical PoPs, helps data reach major cloud hubs, data centers and enterprise networks across the U.S.

"Our partnership with Lumen is a critical milestone in delivering on JUNO's promise to revolutionize trans-Pacific data transport," said Yoshio Sato, CEO of Seren Juno Network Co., Ltd. "Lumen's reach into major U.S. cloud hubs and its proven expertise in high-capacity fiber infrastructure make it an ideal partner as we bring the world closer through digital innovation."

Businesses in both Japan and the US stand to benefit significantly from the increased bandwidth and reliable connections. Together, JUNO's cable system and Lumen's terrestrial network will create a powerful bridge between Asia and North America—supporting next-gen applications, enabling global scale for AI, and helping enterprises navigate the digital economy with agility and speed. Connecting directly into cloud regions, edge compute sites, and major data centers is only possible with strong terrestrial backhaul.

Learn more about [Lumen Dark Fiber](#) services.

About Lumen Technologies

Lumen is unleashing the world's digital potential. We ignite business growth by connecting people, data, and applications – quickly, securely, and effortlessly. As the trusted network for AI, Lumen uses the scale of our network to help companies realize AI's full potential. From metro connectivity to long-haul data transport to our edge cloud, security, managed service, and digital platform capabilities, we meet our customers' needs today and as they build for tomorrow. For news and insights visit [news.lumen.com](#), LinkedIn: [/lumentechnologies](#), X: [@lumentechco](#), Facebook: [/lumentechnologies](#), Instagram: [@lumentechnologies](#), and YouTube: [/lumentechnologies](#).

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