



## Hawaiki Offers 400GbE Services Enabled by Ciena

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### *GeoMesh Extreme Submarine Solution Enables Fast Connectivity Between Multiple Continents*

HANOVER, Md.--(BUSINESS WIRE)--Jan. 10, 2024-- [BW Digital](#) today announced the availability of commercial 400GbE services on the Hawaiki Transpacific Cable powered by [Ciena's](#) (NYSE: CIEN) [GeoMesh Extreme](#) submarine network solution. This follows an earlier [milestone](#) when the Hawaiki cable achieved 500Gbps channel wavelengths.

"Our recent upgrades with Ciena's GeoMesh Extreme put us in good stead to respond to ever-growing market requirements for international connectivity," said Ludovic Hutier, Chief Executive Officer, BW Digital, which owns the Hawaiki cables. "Ciena and BW Digital have a long-standing relationship, and this is but one of many connectivity highlights that we hope to continue to bring to our customers."

Leveraging Ciena's GeoMesh Extreme, the 13,540km Hawaiki cable connects Australia, New Zealand, American Samoa, Hawaii, and the U.S. West Coast. It is supported by the [Waveserver 5](#) compact interconnect platform, powered by [WaveLogic 5 Extreme](#) programmable 800G technology, running over the [6500](#) Packet-Optical Platform Submarine Line Terminal Equipment (SLTE). With Ciena's Waveserver 5, the Hawaiki cable can easily scale to meet the surging capacity needs of the most demanding cloud applications and data services, improve reliability and availability, and deliver lower latency connectivity between Oregon and Hawaii.

"Cable operators globally are always looking for ways to upgrade their cables to be faster, smarter, safer, and more open. Our GeoMesh Extreme is providing BW Digital an end-to-end network architecture, enabling the Hawaiki cable to deliver 400GbE services on its network, which is crucial in meeting the needs of today's digital consumers, enterprises, and content providers," said Thomas Soerensen, Vice President, Global Submarine Solutions, Ciena.

Hawaiki Transpacific Cable's 400GbE service, deployed using Ciena's GeoMesh Extreme, was validated using [EXFO's](#) multi-technology 400G Test Set, offering innovative Open Transceiver System and Intelligent Pluggable Optics test application. Results demonstrated smooth traffic and no latency impact across the Sydney to Hillsboro segment. BW Digital was supported by WWG [Comtest](#), the EXFO partner in New Zealand, for the loan and technical support on the EXFO Test Set.

### **About BW Digital**

BW Digital develops, funds and operates digital infrastructures in the Asia-Pacific region. It is the owner of the 15,000km Hawaiki submarine cable network, connecting Australia, New Zealand, American Samoa, Hawaii and Oregon, on the US west coast since 2018. For more information, visit [www.bw-digital.com](http://www.bw-digital.com).

### **About Ciena**

Ciena (NYSE: CIEN) is a global leader in networking systems, services, and software. We build the most adaptive networks in the industry, enabling customers to anticipate and meet ever-increasing digital demands. For three-plus decades, Ciena has brought our humanity to our relentless pursuit of innovation. Prioritizing collaborative relationships with our customers, partners, and communities, we create flexible, open, and sustainable networks that better serve all users—today and into the future. For updates on Ciena, follow us on [LinkedIn](#), [Twitter](#), 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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