



NEWS RELEASE

# Lumentum to Leverage Ciena's WaveLogic Coherent Optical Technology

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## Companies Establish Interoperability Ecosystem for Network Operators

**Milpitas, Calif., and Los Angeles, Calif., March 20, 2017** – Lumentum Holdings Inc.

("Lumentum") announced today at the Optical Fiber Conference [OFC 2017](#) it has established with Ciena (NYSE:CIEN) the opportunity to leverage Ciena's WaveLogic coherent technology for Lumentum's optical module products, establishing a new coherent ecosystem enabling system interoperability with other solutions based on this technology.

"Lumentum is excited to partner with Ciena to help create an ecosystem for high-speed coherent transmission technology," said Doug Alteen, vice president, product line management, Telecom. "When we combine Ciena's leading coherent digital signal processing (DSP) technology with our broad optical component portfolio, and ultimately our photonic integration capability, we believe we can deliver to customers compelling value while still offering interoperability with competing solutions."

The initial engagement is for development of a 400G transponder capable of up to 400Gb/s on a single wavelength, with operating modes suitable for submarine, long-haul, metro, and data center interconnect applications. This module design leverages the new Ciena WaveLogic Ai coherent digital signal processor device in conjunction with the Lumentum industry-leading portfolio of coherent optical components.

Following the initial 400G transponder, Lumentum intends to leverage the WaveLogic roadmap to

develop future module solutions, including 400G pluggable modules.

## **About Lumentum**

Lumentum (NASDAQ: LITE) is a market-leading manufacturer of innovative optical and photonic products enabling optical networking and commercial laser customers worldwide. Lumentum's optical components and subsystems are part of virtually every type of telecom, enterprise, and data center network. Lumentum's commercial lasers enable advanced manufacturing techniques and diverse applications including next-generation 3D sensing capabilities. Lumentum is headquartered in Milpitas, California with R&D, manufacturing, and sales offices worldwide. For more information, visit [www.lumentum.com](http://www.lumentum.com).

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