

Infinera and Lumentum Collaborate to Bring XR Optics-based Networking Solutions to Market

Sunnyvale, Calif. – February 18, 2020, 8:00 a.m. ET – Infinera (NASDAQ: INFN) and Lumentum Holdings Inc. (Lumentum), a market-leading designer and manufacturer of innovative optical and photonic products, today announced a collaboration to bring to market XR optics-based networking solutions. XR optics enables radically more efficient and cost-effective solutions to address the transport networking challenges operators face in delivering new 5G, enhanced broadband, and cloud-based business services. Featuring the industry’s first point-to-multipoint coherent optical aggregation technology, XR optics is designed to disrupt optical networking economics by enabling new transport architectures.

XR optics is powered by Infinera’s innovative low-power DSP technology, which leverages routable Nyquist subcarriers to enable a single high-speed transceiver to simultaneously send and receive independent data streams to/from numerous low-speed transceivers. Lumentum brings a history of successful coherent module development and manufacturing expertise to help realize XR optics-based solutions. The partnership will result in the introduction of a family of easily deployable, pluggable XR optics offerings applicable across a wide variety of market applications.

“We are delighted to partner with Lumentum to introduce this revolutionary point-to-multipoint solution designed to help network operators benefit from unprecedented savings,” said Dr. Dave Welch, Founder and Chief Innovation Officer, Infinera. “Lumentum has been an important team player, recognizing the value of XR optics and committed to bringing this innovative solution to market.”

“Collaborating with Infinera leverages our deep experience in high-speed coherent components and pluggable modules to bring an innovative solution like XR optics to market,” said Beck Mason, Senior Vice President and General Manager of Lumentum’s Telecom Transmission Business. “The XR optics concept aligns with our core strategy to provide scalable and flexible coherent optical network solutions that enable higher speeds for next-generation transport networks.”

Additional Resources:

- Press release: [Infinera Announces XR Optics – Game-changing Technology for Transport Network Transformation](#)
- Solution brief: [XR Optics: Innovative Point-to-Multipoint Coherent that Slashes Aggregation Network TCO](#)



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About Lumentum

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

About Infinera

Infinera is a global supplier of innovative networking solutions that enable carriers, cloud operators, governments, and enterprises to scale network bandwidth, accelerate service innovation, and automate network operations. The Infinera end-to-end packet optical portfolio delivers industry-leading economics and performance in long-haul, submarine, data center interconnect, and metro transport applications. To learn more about Infinera, visit www.infinera.com, follow us on Twitter [@Infinera](https://twitter.com/Infinera), and read our latest blog posts at www.infinera.com/blog.

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This press release contains forward-looking statements including, but not limited to those relating to XR optics' ability to enable new transport architectures and expectations about helping network operators realize unprecedented savings. These statements are not guarantees of results and should not be considered as an indication of future activity or future performance. Actual results may vary materially from these expectations as a result of various risks and uncertainties. Information about these risks and uncertainties, and other risks and uncertainties that affect Infinera's business, is contained in the risk factors section and other sections of Infinera's Quarterly Report on Form 10-Q for the Fiscal Quarter ended September 28, 2019 as filed with the SEC on November 12, 2019, as well as any subsequent reports filed with or furnished to the SEC. These reports are available on Infinera's website at www.infinera.com and the SEC's website at www.sec.gov. Infinera assumes no obligation to, and does not currently intend to, update any such forward-looking statements.