



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

Sunnyvale, Calif. – February 18, 2020, 8:00 a.m. ET – Infinera (NASDAQ: INFN) and II-VI Incorporated (NASDAQ: IIVI), a global leader in optical communications modules, today announced a collaboration to bring to market XR optics-based networking solutions. XR optics enables radically more efficient and cost-effective solutions for 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 digital signal processor (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. II-VI brings a wealth of industry-leading transceiver 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 excited to partner with II-VI to introduce this revolutionary point-to-multipoint solution that is expected to help network operators realize unprecedented savings,” said Dr. Dave Welch, Founder and Chief Innovation Officer, Infinera. “We are experiencing growing interest from our customers in XR optics, and collaborating with a leader like II-VI underscores the value of this innovation and our commitment to bring it to market with a broad-based coalition of top-tier suppliers.”

“We are looking forward to leveraging our highly integrated laser technology platform, coupled with our industry-leading optics and module expertise, together with Infinera’s coherent subcarrier aggregation DSP and transmission expertise, to achieve next-generation coherent transceiver solutions,” said Matthias Berger, Vice President, Coherent Optics Business Unit, II-VI Incorporated. “This collaboration will enable us to jointly deliver digital coherent optics in small pluggable form-factors and with low power consumption.”

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 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.