



Infinera Sets Highest-performance 600G Transmission Record

Sunnyvale, Calif. – March 6, 2019, 8:00 a.m. ET – Infinera (NASDAQ: INFN) announced today the successful demonstration of 600 gigabits per second (600G) per wavelength transmission over 250 kilometers (km) in a production network with the Infinera Groove G30 muxponder solution. Demonstrated on the backbone network of a leading European service provider, this achievement establishes a new benchmark for capacity and reach in optical communications. As bandwidth demands continue to grow, best-in-class 600G performance provides operators the ability to cost-efficiently scale network infrastructure for data center interconnect and metro networking applications while improving density, lowering power and simplifying operations and service activation.

The field trial was conducted with the Infinera Groove G30 CHM2T solution operating over the Infinera 7300 multi-haul dense wavelength-division multiplexing transport platform. In addition to achieving the delivery of error-free 600G 64 quadrature amplitude modulation (64QAM) transmission over a 250-km link in the production network, Infinera also successfully demonstrated 500G 32QAM over 500 km of fiber during the trial, another industry first. With industry-leading performance and the ability to support a wide range of configuration options for baud rate, modulation method, forward error correction and constellation shaping, the Groove G30 maximizes both reach and capacity, providing network operators a solution with greater flexibility and lower cost per bit.

“Delivering optimal reach, performance and capacity to meet the evolving network demands of our customers is at the heart of our Infinite Network vision,” said Glen Laxdal, Senior Vice President, Product Line Management at Infinera. “This achievement underscores Infinera’s commitment to continue delivering innovative solutions for network operators with capacity and scale while simplifying operations.”

Infinera will showcase the results of this 600G optical transmission performance this week at the Optical Fiber Conference and Exhibition ([OFC](#)) conference in San Diego.

Contacts:

<i>Media:</i> Anna Vue Tel. +1 (916) 595-8157 avue@infinera.com	<i>Investors:</i> Ted Moreau Tel: + 1 (408) 542-6205 tmoreau@infinera.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, subsea, data center interconnect and metro transport applications. To learn more about Infinera visit www.infinera.com, follow us on Twitter @Infinera and read our latest blog posts at www.infinera.com/blog.

Infinera and the Infinera logo are registered trademarks of Infinera Corporation.

This press release contains forward-looking statements including, but not limited to the potential technical, financial and operational advantages and benefits provided by Infinera’s products and solutions. 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 quarter ended September 29, 2018 as filed with the SEC on November 8, 2018, as well 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.