

## Fastweb and Infinera Successfully Complete 500G Single-wavelength Connectivity Trial

**Sunnyvale, Calif. – May 7, 2019, 8:00 a.m. ET** – Infinera (NASDAQ: INFN) and Fastweb, a major Italian telecommunications operator, announced today the successful demonstration of 500 gigabits per second (500G) single-wavelength service connectivity in a production network using Infinera’s configurable technology on the Groove platform. The high-speed optical transmission demonstration, the first in Italy, spanned over 180 kilometers (km) on Fastweb’s low-latency long-haul backbone network, between Milan and Turin.

Conducted over Fastweb’s live fiber route between Milan and Turin, the 500G single-wavelength trial demonstrated Fastweb’s capability to easily and efficiently scale its infrastructure network to meet the increasing bandwidth demands of its end-user customers. The trial was implemented over Fastweb’s existing optical infrastructure without special amplifiers, tuning, or changes.

“Providing our customers with resilient, high-quality, and innovative solutions is in Fastweb’s DNA,” said Andrea Lasagna, Chief Technology Officer, Fastweb. “As the market for high-performance long-haul transport continues to grow at an accelerated pace, a scalable and simple network approach is required to satisfy the growing demand for bandwidth. This trial confirms the outstanding performance provided by Infinera’s innovative solution, which enables us to deliver a best-in-class customer experience at the highest transmission speeds.”

Infinera’s 7300 Multi-Haul Transport Platform, mTera Universal Switching Platform and Groove 600G technology are part of Fastweb’s backbone network spanning over 650 nodes and providing the flexibility and future development and delivery of a range of programmable high-speed end-user services at 400G, 500G, and up to 600G. Infinera’s solution enables Fastweb to scale internet exchange point capacity up to 24 terabits per second, while offering ease of deployment and network investment efficiency.

“We are pleased to extend our technology partnership with Fastweb to bring the benefits of cutting-edge coherent optical transmission to their customers,” said Glenn Laxdal, Senior Vice President, Product Line Management, Infinera. “Our ability to introduce higher-speed transmission over existing infrastructures is a key part of our mission to help our customers effectively meet their increasing bandwidth needs.”

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### **About FASTWEB S.p.A.**

With 2.5 million wireline customers and 1.5 million mobile customers, Fastweb is a major Italian telecom operator, providing a wide range of voice and data services, on wireline and wireless networks, to families and businesses. Since its creation in 1999, the company has focused on innovation and infrastructures to provide high quality ultra-broadband connectivity. Thanks to the continuous expansion of its ultrabroadband network, Fastweb today reaches 22 million households, of which 8 with a proprietary infrastructure, with connection speeds of up to 1 Gigabit.

### **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](http://www.infinera.com), follow us on Twitter @Infinera and read our latest blog posts at [www.infinera.com/blog](http://www.infinera.com/blog).

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This press release contains forward-looking statements including, but not limited to the potential technical, operational and financial benefits of deploying of the Infinera Groove Network Platform. 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 Annual Report on Form 10-K for the Fiscal Year ended December 29, 2018 as filed with the SEC on March 14, 2019, as well subsequent reports filed with or furnished to the SEC. These reports are available on Infinera's website at [www.infinera.com](http://www.infinera.com) and the SEC's website at [www.sec.gov](http://www.sec.gov). Infinera assumes no obligation to, and does not currently intend to, update any such forward-looking statements.