



## Infinera, NEC Networks and System Integration Corporation Team to Help Regional Japanese Service Provider Modernize its Metro Backbone Network

**Sunnyvale, Calif., – December 11, 2018, 8:00 a.m. EDT** – Infinera, provider of [Intelligent Transport Networks](#), announced today that it has teamed with NEC Networks and System Integration Corporation (NESIC) to deliver a converged packet and optical transport solution to a leading Japanese service provider and affiliate of Power Nets Japan (PNJ). The regional telecommunications carrier selected Infinera's [mTera® Universal Transport Platform](#) to cost-efficiently scale its metro network infrastructure and enhance service flexibility as growth in enterprise and residential high-speed services drives increased demand for network capacity.

The Infinera mTera will be deployed to support high-capacity interconnect between core data center sites in one of Japan's major metropolitan areas. At the same time, the highly flexible solution will create a more efficient means of delivering local and regional end-user services, including data center interconnect, private cloud, and high-speed internet access.

Provided through its local partnership with NESIC, the Infinera mTera offers the utilities-based service provider a flexible multiservice transport solution that supports software-defined Universal Switching, including Optical Transport Network (OTN), Carrier Ethernet, Multiprotocol Label Switching-Transport Profile (MPLS-TP), and Synchronous Optical Networking (SONET)/Synchronous Digital Hierarchy (SDH) in a single, power-efficient system architecture, with the option of an integrated dense wavelength-division multiplexing layer based on reconfigurable optical add-drop multiplexer (ROADM)-on-a-blade technology. The ultra-compact, power-efficient solution is designed to provide an extremely dense 7 terabits per second (Tb/s) of universal switching capacity per shelf with up to 12 Tb/s of total switching capacity per rack.

"As end-user bandwidth demands become more unpredictable, service providers require flexible transport solutions that can easily scale while delivering the operational benefits that allow them to deploy and manage services more efficiently," said Bob Jandro, Senior Vice President, Worldwide Sales at Infinera. "We are pleased to team with NESIC to help service providers in Japan future proof their network infrastructure with the unique universal switching and transport capabilities of the mTera platform."

The Infinera mTera solution will enhance an end-to-end transport infrastructure that also includes the Infinera 7100 Packet Optical Transport Platform and Transcend Chorus network management platform.

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### **About NEC Networks and System Integration Corporation (NESIC)**

NEC Networks & System Integration Corporation (TSE: 1973; NESIC) provides integrated communication services that combine the strengths of system integration and related support services, as well as sophisticated engineering and facility management capabilities, for a broad range of customers, including telecommunications carriers, enterprises and government agencies. For more information, please visit <https://www.nesic.co.jp/english/>.

### **About Infinera**

Infinera (NASDAQ: INFN) provides Intelligent Transport Networks, enabling carriers, cloud operators, governments and enterprises to scale network bandwidth, accelerate service innovation and automate optical network operations. Infinera's end-to-end packet-optical portfolio is designed for long-haul, subsea, data center interconnect and metro 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 but not limited to the operational, economic and technical benefits provided by Infinera's mTera Universal Transport Platform, including, but not limited to future proofing network infrastructure. 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 quarter and year 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](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.