



Infinera Expands Cloud Xpress Family for High Capacity Datacenter Interconnect

Sunnyvale, Calif. – June 23, 2015 – Infinera, provider of [Intelligent Transport Networks](#), announced the expansion of the Cloud Xpress family of metro Cloud platforms. This release adds a new Cloud Xpress platform with 100 gigabit Ethernet (GbE) client services in the same compact form factor along with enhanced functionality. The Cloud Xpress family is designed specifically to address the needs of Cloud service providers, Internet content providers, Internet Exchange service providers, large enterprises and other large-scale datacenter operators.

The Cloud Xpress family, which first started shipping in December 2014, leverages the oPIC-500 optical engine, Infinera's unique metro-optimized photonic integrated circuit, to deliver DWDM datacenter interconnect services up to 500 gigabits per second (Gb/s) in a compact two rack unit chassis. The new Cloud Xpress with 100 GbE extends the hyper-scale density, simplified operations and low power of the existing Cloud Xpress family that operators can use to easily deploy and scale their networks. With the addition of the new platform, the Cloud Xpress family now supports 10 GbE, 40 GbE and 100 GbE client-side interfaces to match customer specific requirements.



Along with the introduction of the new Cloud Xpress with 100 GbE, Infinera announced important enhancements to the Cloud Xpress family including NETCONF & YANG support for Software Defined Networking (SDN) and ease of use, LLDP discovery protocols enabling datacenter automation, and soon to be enabled MACsec encryption for improved security.

“100 GbE is finally becoming available on datacenter switches and achieving cost effective pricing on routers – creating an emerging demand for 100 GbE client-side interfaces on optical equipment designed for metro datacenter interconnect,” said Andrew Schmitt, research director, Carrier Transport Networking at IHS. “Infinera is shipping 10 GbE and 40 GbE; adding 100 GbE is a well-timed extension to the Cloud Xpress family, and helps it retain a leadership position in this emerging product category.”

“As Cloud and application enterprise adoption accelerates, our customers increasingly rely upon Equinix to meet their growing bandwidth demands,” said Teri Francis, vice president of Technology at Equinix. “Infinera’s Cloud Xpress is a Cloud-optimized platform offering the highest density and terabit scalability to interconnect our datacenters while maintaining a very low power footprint. This enables our customers to access Cloud and network nodes between datacenters across the metro with high performance and great efficiency. The new 100 Gbps interfaces will definitely expand the potential applications for Cloud Xpress.”

“The Cloud Xpress platforms are purpose-built for the datacenter interconnect market,” said Stu Elby, senior vice president, Cloud network strategy and technology, Infinera. “Based on



Infinera's unique PIC and super-channel technology, the Cloud Xpress provides scale and simplicity while utilizing little power.”

The Infinera Cloud Xpress continues to deliver solutions that provide hyper-scale density, simplified network operations and low power. The Cloud Xpress offers one terabit per second (Tb/s) of input and output capacity in just two rack units, with up to 500 Gb/s of line-side capacity and a mix of 10 GbE, 40 GbE and 100 GbE client-side interfaces. At one watt per Gb/s, Cloud Xpress delivers extremely low power, enabling very high practical rack density in real-world datacenter environments. The rack-and-stack form factor and software approach of the Cloud Xpress enables it to easily integrate into existing Cloud provisioning systems using open SDN APIs.

The Cloud Xpress family will soon support several key features requested by large datacenter operators. NETCONF & YANG support enables smooth integration into datacenter automation and management systems; LLDP protocol awareness for auto-discovery of adjacent switches and routers across the WAN supports efficient connectivity validation and troubleshooting, and software enabled MACsec will provide end-to-end encryption to keep data secure. Together, these features of the Cloud Xpress enhance ease of use in datacenter environments.

By offering a network appliance-like experience similar to the server and storage infrastructure currently deployed in the Cloud, the Cloud Xpress enables smooth integration into existing operational processes providing Cloud service providers, Internet content providers, Internet Exchange service providers and other large-scale datacenter operators the ability to quickly deliver differentiated services by enabling a virtual pool of intelligent bandwidth.

Contacts:

<i>Media:</i> Anna Vue Tel. +1 (916) 595-8157 avue@infinera.com	<i>Investors:</i> Jeff Hustis Tel: + 1 (408) 213-7150 jhustis@infinera.com
---	---

About Infinera

Infinera (NASDAQ: INFN) provides Intelligent Transport Networks for network operators, enabling reliable, easy to operate, high-capacity optical networks. Infinera leverages its unique large scale photonic integrated circuits to deliver innovative optical networking solutions for the most demanding network environments. Intelligent Transport Networks enable carriers, Cloud network operators, governments and enterprises to automate, converge and scale their datacenter, metro, long-haul and subsea optical networks. To learn more about Infinera visit www.infinera.com, follow us on Twitter @Infinera and read our latest blog posts at blog.infinera.com.

This press release contains forward-looking statements including, but not limited to, statements relating to the benefits of the features, functionality, specifications and requirements of Infinera's products. 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 March 28, 2015 as filed with the SEC on May 1, 2015, 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.