

Phonoscope LightWave Deploys Infinera Cloud Xpress for Education Network in Texas

Sunnyvale, Calif. – Oct. 26, 2015 – Infinera, provider of [Intelligent Transport Networks](#), and Phonoscope LightWave (LightWave), a fiber-optic network infrastructure company, announced LightWave's deployment of the Infinera Cloud Xpress for library and educational institution datacenter interconnect in Houston, Texas. LightWave selected the Cloud Xpress for its hyper-scale density, operational simplicity and low power consumption.

LightWave owns and operates an all fiber-optic network infrastructure offering Ethernet, Internet, dark fiber and VoIP services to businesses, educational institutions, government agencies and carriers in the greater Houston area. LightWave deployed the Infinera Cloud Xpress to support a K-12 education customer with growing bandwidth demands from video and cloud-based applications. Cloud Xpress provides LightWave's customer with multiple 40 gigabit Ethernet (Gb/E) client-side connections with the ability to scale up to 500 gigabit per second (Gb/s) in the future using Infinera's Instant Bandwidth™.

The Infinera Cloud Xpress leverages Infinera's unique photonic integrated circuit technology and is designed to support up to one terabit per second of input and output bandwidth in just two rack units with very low power. With its small form factor and low power consumption, the Cloud Xpress delivers a full 500 Gb/s super-channel of wavelength division multiplexing (WDM) line-side bandwidth over 150 kilometres without any need for additional multiplexers or amplifiers. The Cloud Xpress also enables efficient scaling with extremely simple provisioning and open interfaces to plug into existing cloud provisioning systems using open software-defined networking (SDN) application programming interfaces (APIs). Instant Bandwidth allows the activation of WDM capacity in 100 Gb/s increments via a few clicks of a mouse enabling rapid scalability to meet continued customer demands.

"We support a diverse range of customers with growing bandwidth requirements throughout Houston and across the state," said Rhonda Cumming, President and CEO at Phonoscope LightWave. "By deploying the Infinera Cloud Xpress we can quickly and incrementally provide the service demanded by our customers without significant changes to our network."

"We are pleased to add Phonoscope LightWave as a new Infinera channel partner to support its customers' growing bandwidth requirements," said Bill Jarvis, vice president, Channel Sales for Infinera. "Phonoscope Lightwave's deployment highlights the Cloud Xpress' ability to meet diverse customer demands, from enterprise, government and education networks all the way to hyper-scale cloud datacenter networks."

Infinera introduced the Cloud Xpress family in 2014 to deliver a cloud-optimized WDM solution to cloud service providers, Internet content providers, Internet Exchange service providers and other large-scale datacenter operators. Infinera recently expanded the Cloud Xpress family by shipping Cloud Xpress with 100 GbE, offering customers the choice of 10 GbE, 40 GbE and 100 GbE client interfaces to meet their specific requirements.



Contacts:

<p><i>Infinera Media:</i> Anna Vue Tel. +1 (916) 595-8157 avue@infinera.com</p> <p><i>Phonoscope LightWave Media:</i> Jennifer Henderson Tel. +1 (832) 615-7778 jhenderson@pslightwave.com</p>	<p><i>Infinera Investors:</i> Jeff Hustis Tel: + 1 (408) 213-7150 jhustis@infinera.com</p>
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About Phonoscope LightWave

Phonoscope LightWave, Inc. is a consultative connectivity provider formulating personalized solutions and providing data services for public and private entities, educational institutions, government agencies and carriers. Through Phonoscope LightWave's high-quality, facilities-based infrastructure, innovative technology and superior level of support, LightWave delivers the best of connectivity, reliability, scalability and redundancy in Houston and its surrounding seven (7) counties. To learn more about Phonoscope LightWave, visit www.pslightwave.com, like us on Facebook at www.facebook.com/pslightwave and follow us on LinkedIn at www.linkedin.com/company/phonoscope.

About Infinera

Infinera (NASDAQ: INFN) provides Intelligent Transport Networks, enabling carriers, cloud operators, governments and enterprises to scale network bandwidth, accelerate service innovation and simplify optical network operations. Infinera's end-to-end packet-optical portfolio is designed for long-haul, subsea, datacenter interconnect and metro applications. Infinera's unique large scale photonic integrated circuits enable innovative optical networking solutions for the most demanding 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.

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This press release contains forward-looking statements including, but not limited to, statements relating to the benefits of the features and functionality of Infinera's Cloud Xpress 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 June 27, 2015 as filed with the SEC on July 31, 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.

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