

RETN Deploys Infinera 500G Super-Channels Across Europe

Sunnyvale, Calif. – Feb. 24, 2015 – Infinera, provider of [Intelligent Transport Networks™](#), and RETN, an international network service provider, announced the deployment of the Infinera DTN-X packet optical transport networking platform across RETN's Pan-European network. The Infinera Intelligent Transport Network, featuring the DTN-X platform, enables RETN to differentiate its service offerings and increase network efficiency as it scales network capacity across its extensive Pan-European backbone.

RETN operates a backbone that stretches over 30,000 kilometers of fiber and connects 26 countries across Europe, Asia and North America. RETN has selected the Infinera DTN-X to power its network core and its crucial points of presence that are located in Europe. RETN's homogeneous Pan-European network infrastructure along with associated Internet Protocol circuits is capable of providing 100 gigabit per second (Gb/s) services on multiple routes in Europe.

With the Infinera DTN-X platform, RETN can deliver capacity of 100 Gb/s coherent transmission today via 500 Gb/s super-channels, with a forward-scale design to support terabit super-channels in the future. The high capacity super-channels are enabled by 500 Gb/s photonic integrated circuits developed and fabricated by Infinera – the only supplier delivering 500 Gb/s of transmission capacity from a single line card today. PICs enable the DTN-X platform to integrate dense wavelength division multiplexing (DWDM) super-channel transmission with up to 12 Tb/s of non-blocking optical transport network switching, providing seamless scaling as traffic requirements grow in the future. The DTN-X also features SDN-ready application programming interfaces that enable network programmability and automation of network operations to reduce both operational cost and service delivery times while facilitating new services.

"RETN's global footprint is growing rapidly due to constantly increasing traffic between different territories on the one hand, and RETN's intention to address our customers' geographical interests and to improve their connectivity between the world's largest telecommunications nodes. At the moment, the RETN network has a total capacity of 5 Tb/s on the four main traffic routes and handles a considerable amount of international Internet traffic. In order to respond to the traffic growth, we need to scale our network, while complying with strict requirements for high performance WDM equipment," said Anthony O'Sullivan, Director at RETN Ltd.

"We consider Infinera's solution unique as it enables smooth migration toward coherent super-channel technology. In addition, the Infinera equipment provides us with the ability to meet strict service level agreement requirements and keep the quality of our services at a high level. For these reasons, we use Infinera's solutions to upgrade and extend the RETN network. One of our latest completed projects – the launching of a trans-Baltic DWDM route from Finland to Poland through the Baltic cities – deploys Infinera DTN-X equipment based on 500G super-channel technology," continued O'Sullivan.

"For the past five years, Infinera's solutions have powered the RETN network and now RETN has again selected an Infinera Intelligent Transport Network for its network extension beyond Russia and into Central Europe," said Chris Champion, Infinera vice president, EMEA sales. "Infinera is pleased to continue to enable RETN to automate, converge and simplify its transport network to rapidly and reliably deliver advanced services to its customers."

Contacts:

<p><i>Infinera Media:</i> Anna Vue Tel. +1 (916) 595-8157 avue@infinera.com</p> <p><i>RETN contact:</i> Daria Soroka, marketing manager RETN Tel.:+44 20 7517 6400 market@retn.net</p>	<p><i>Infinera Investors:</i> Jeff Hustis Tel: + (408) 213-7150 jhustis@infinera.com</p>
--	--

About RETN

RETN is an international network service provider, which offers a variety of telecommunications services to enterprises, carriers, ISPs, CDNs, governmental organizations, hosting and Cloud providers. Since its foundation, RETN has constantly expanded its operating territory. RETN has lit up over 30,000 km of fiber on its pan-European DWDM network. RETN connects 26 countries across Europe, Asia and North America, with a heavy presence in the high growth markets of Eastern Europe and Russia. RETN has several regional offices to provide RETN's services in various territories. Find out more on www.retn.net.

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 data center, 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. 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 year ended December 27, 2014 as filed with the SEC on February 18, 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.

###