Infinera and EBlink Deliver Next-Generation Fiber and Wireless based Mobile Fronthaul Architecture to Orange

Sunnyvale, Calif. and Paris – *Nov. 23, 2015* – Infinera, provider of Intelligent Transport Networks, and EBlink, pioneer of wireless fronthaul technology, announced a partnership to deliver both fiber and wireless based solutions and to provide an end-to-end fronthaul architecture. In a live field trial with Orange, the Infinera TM-Series and EBlink's FrontLink™ solutions delivered mobile fronthaul networking services for Orange's 4G network in western France, interconnecting baseband units (BBU) and remote radio heads (RRH) from several of Orange's Radio Access Network (RAN) vendors.

In the live field trial, the combined Infinera TM-Series and EBlink FrontLink solution demonstrated on Orange's network how it can deliver a unique end-to-end performance combining fiber and wireless for mobile fronthaul for today's mobile infrastructure and for future advanced 4G and 5G mobile networks. Where fiber exists, the Infinera TM-Series delivers bandwidth using high capacity wavelength division multiplexing (WDM) technology. Where there is no fiber, EBlink's wireless fronthaul is complementary to the WDM fronthaul solution, enabling mobile operators to bridge the "very last mile" which can, in certain locations, be difficult to reach with fiber connections. In the live field trial, the combined solutions worked together seamlessly without disruption in the network.

Mobile fronthaul is a market opportunity that is emerging as mobile operators move to centralized and cloud-based radio access networks (C-RAN) and plan for deployment of high bandwidth 4G, 5G and small cell architectures.

"Mobile fronthaul is a challenging environment with tough requirements on latency and synchronisation for optical solutions," said Sten Nordell, CTO of Infinera's Metro Business Group. "As one of the few suppliers capable of achieving these requirements, we are very pleased to partner with EBlink and Orange to demonstrate that the combination of fiber and wireless is the right alchemy for mobile fronthaul."

"This partnership with Infinera reaffirms the relevance of our wireless fronthaul technologies and how complementary fiber and wireless can be," said Eric Sèle, deputy CEO of EBlink. "The deployment of the Infinera and EBlink solutions on Orange's network underscores the concept that wireless fronthaul picks up where fiber leaves off."

"Combining fiber and wireless is key to a successful mobile fronthaul implementation," said Philippe Chanclou at Orange Labs. "Infinera and EBlink have shown the feasibility of integration of mobile fronthaul with Orange RAN vendors and have demonstrated end-to-end performance, and we are pleased with the trial results," added Sebastien Randazzo, project leader of fronthaul trials at Orange France.

The Infinera TM-Series, enabling mobile fronthaul, allows mobile operators like Orange to deploy WDM-based optical fronthaul in a wide range of network applications. The solution covers a range of options including passive WDM for low cost fiber relief, semi-passive WDM for added management capabilities and active WDM options where additional networking capabilities are required. Infinera's active mobile fronthaul options include transponder and muxponder applications allowing the capability of multiplexing multiple Common Public Radio Interface (CPRI) and Ethernet services onto the same wavelength.

EBlink's innovative wireless fronthaul solution represents a major technological advance for base station deployment, eliminating the last few hundred meters of fiber that can be difficult to deploy and costly for operators. Wireless fronthaul is a key technology used today by leading mobile operators around the world for network densification/optimization, and to address traffic congestion in dense urban areas. EBlink's wireless fronthaul solution allows mobile operators to leverage their existing macro sites, and facilitates their deployment of remote macro and micro sectors.

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About EBlink

Founded in France in 2005, EBlink is revolutionizing the mobile network market with a new standard for the industry: wireless fronthaul. Based on the founders' vision of evolving mobile network architectures, EBlink's technology gives operators an immediate solution to the demands of mobile multimedia applications and the increasingly high-speed service they require. For more information, visit www.e-blink.com.

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.

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 TM-Series products available now and in the future. 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 September 26, 2015 as filed with the SEC on November 5, 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.