



## NBN Co Adopts Infinera Transcend Network Automation Solution to Enhance Australia’s Open-access Broadband Network

**Sunnyvale, Calif. – September 9, 2019, 8:00 a.m. ET** – Infinera (NASDAQ: INFN) announced today that NBN Co, Australia’s wholesale open-access broadband provider, installed self-healing capabilities into its transit network with the deployment of Infinera’s Transcend software-defined networking (SDN) solution. Infinera’s SDN-based dynamic service rerouting capabilities for dense wavelength-division multiplexing (DWDM)-based networks allow network operators to restore customer services by automatically rerouting traffic when faults occur.

For NBN Co, the solution will be deployed across its 60,000-kilometer fiber optic transit network. NBN Co’s transit network is a backbone network of fiber optic cables that links hubs across Australia to the wider nbn™ broadband access network that connects homes and businesses. This network moves large aggregate volumes of data between locations, delivering capacity to homes and businesses. The network connects to NBN Co’s 121 points of interconnection (POIs) – typically located at telephone exchanges – which are where phone and internet providers plug their own networks into the NBN Co access network. The reconfigurable optical add-drop multiplexer (ROADM) technology enhancements introduced on the Infinera 7300 Series Multi-Haul Transport Platform will allow NBN Co to increase its network resiliency and reliability by introducing automatic service restoration capabilities across its transit network.

“The Transcend SDN solution was deployed and integrated with our systems, giving us the capability to increase service availability to some of the most remote locations across Australia,” said NBN Co’s Chief Network Deployment Officer, Kathrine Dyer. “This will give our network increased resiliency and help ensure that our customers get the best possible experience when migrating to NBN Co’s broadband access network.”

“We are delighted to work with NBN Co by providing innovative software and automation solutions that help them overcome the challenges of operating a large nationwide network,” said Bob Jandro, Senior Vice President, Worldwide Sales at Infinera. “Transcend’s service restoration and management capabilities are ideal for network operators like NBN Co to differentiate themselves in a competitive market by providing the most reliable services.”

NBN Co’s network enhancements are based on Infinera’s 7300 multi-haul DWDM platform with Infinera’s Transcend SDN solution spanning several transport layer technologies – such as optical DWDM layers and electrical Optical Data Unit (ODU) switching layers – to provide end-to-end service control and enable SDN-based service control for Infinera’s optical and packet-optical transport portfolio. It also offers open and standards-based RESTful northbound interfaces to provide real-time, programmable multi-layer control to higher-layer controllers and provides a foundation to introduce programmable networking and automation in the NBN Co environment.

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### **About Infinera**

Infinera is a global supplier of innovative networking solutions that enable carriers, cloud operators, governments, and enterprises to scale network bandwidth, accelerate service innovation, and automate network operations. The Infinera end-to-end packet-optical portfolio delivers industry-leading economics and performance in long-haul, subsea, data center interconnect, and metro transport 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 the potential technical, operational and financial benefits provided when using Infinera's portfolio of solutions. 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-Q for the Fiscal Quarter ended June 29, 2019 as filed with the SEC on August 8, 2019, 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.