



As of October 1, 2018, Coriant is part of Infinera. The acquisition positions Infinera as one of the largest vertically integrated optical network equipment providers in the world.

NBN Co Doubles Capacity on Nationwide Transit Network with Deployment of Coriant CloudWave™ Optics

Successful Upgrade to State-of-the-Art Coherent Transmission Technology Boosts Capacity on 60,000 Kilometer Fiber Optic Backbone Network While Reducing CapEx and OpEx

Munich – September 25, 2018 – Coriant, a global supplier of open, disruptive, and hyperscale networking solutions, today announced that NBN Co, the company building and operating Australia’s national broadband network, has begun deployment of Coriant CloudWave™ Optics technology across its 60,000 kilometer transcontinental optical transport backbone network. The network upgrade enables NBN Co to double bandwidth capacity with state-of-the-art coherent optical technology that supports per-wavelength transmission rates of 200 Gbps.

Coriant CloudWave™ Optics is an ultra-compact coherent interface solution that supports software programmable high-speed transmission to lower cost per bit as networks scale. The upgrade to CloudWave™ Optics will allow NBN Co to increase maximum capacity on its transit network from 9.6 Tbps to 19.2 Tbps per fiber link while reducing capital and operating expense as a result of smaller footprint requirements, reduced power consumption, and greater throughput density. The innovative technology also supports seamless upgrade to 400G, as needed. Initial upgrade sites span high-traffic fiber links between Eastern Creek and Asquith in Sydney and the 3,600 km route between Brisbane, Queensland, and Darwin in the Northern Territory.

“Our transit network is the backbone of the nbn™ Multi-Technology Mix that aims to provide Australians with access to fast services,” said Kathrine Dyer, Chief Network Deployment Officer, NBN Co. “This upgrade will ensure we can continue to deliver a reliable and high-quality broadband access network for our wholesale customers even as high-bandwidth applications and the growth of internet usage continue to drive demand for network capacity.”

NBN Co’s backbone network – known as the Transit Network – was originally built using the Coriant® hiT 7300 Multi-Haul Transport Platform and spans over 60,000 kilometers of fiber around Australia to connect access nodes to NBN Co’s 121 Points of Interconnect (POI) where traffic is transferred to service providers.

“We are pleased to extend our partnership with NBN Co and continue to deliver the technology and service excellence that allows them to cost-effectively optimize the performance of their backbone transport network to support a best-in-class customer experience,” said Alfred Ling, Managing Director, North Asia & Oceania, Coriant.



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About Infinera

Infinera (NASDAQ: INFN) provides Intelligent Transport Networks, enabling carriers, cloud operators, governments and enterprises to scale network bandwidth, accelerate service innovation and automate optical network operations. Infinera's end-to-end packet-optical portfolio is designed for long-haul, subsea, data center interconnect and metro applications. To learn more about Infinera visit www.infinera.com, follow us on Twitter @Infinera and read our latest blog posts at Infinera.com/blog.

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This press release contains forward-looking statements including, but not limited to the technical, operational and financial benefits that the Groove G30 may provide. 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 quarter and year ended September 29, 2018 as filed with the SEC on November 8, 2018, 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.