Telstra deploys major upgrade to network services in Asia Pacific using Infinera technologies

20 January 2019: Telstra and Infinera today unveiled a major boost to Telstra's network services for customers in Asia Pacific, with a significant increase in fibre capacity to its subsea infrastructure using Infinera's Infinite Capacity Engine 4 (ICE4).

As part of an ongoing partnership, Infinera's fourth-generation ICE4 optical engine is being rolled out across Telstra's Asia Pacific subsea infrastructure, increasing the capacity, agility and reliability of Telstra's network.

The ICE4 subsea solution allows Telstra to rapidly activate new capacity for customers, delivering multi-terabit capacity with low power consumption and high reliability.

ICE4 increases Telstra's fibre capacity by 160 per cent and port density by 140 per cent, while also decreasing power consumption, allowing Telstra to continually improve network services for customers.

Telstra is one of the largest providers of 100 Gigabit per second (Gb/s) network services globally and the ICE4 technology positions the company to support customers' future connectivity demands, activating capacity per wavelength of up to 200 Gb/s.

Telstra's Network Planning Principal, Andy Lumsden, said that Telstra was committed to continually developing its network to support the increasing demand for data right across the Asia Pacific region.

"Our commitment to our Asia Pacific customers means we are always adapting and creating capacity where it is needed. This means we are continually working to deploy new technologies that enhance our existing network and complement our latest capacity investments," Mr Lumsden said.

"With Infinera's ICE4 optical engine, we are deploying the latest technology across our network. We can now provision new services faster than ever before, which is critical in a region when capacity demand on our international networks has almost doubled over the past two years."

Telstra has the largest subsea cable network in the Asia Pacific, reaching more than 400,000km and enough to circle the world almost 10 times.

Infinera's Vice President of Sales, Andrew Bond-Webster, said early testing on the rollout had delivered strong results.

"ICE4, our latest optical engine, enables Telstra to deliver multi-terabit capacity cost effectively with low power consumption and with the reliability required for subsea networks to perform," Mr Bond-Webster said.

"We have partnered with Telstra for a decade, and work collaboratively to co-create solutions that respond rapidly to changing data consumption and the growth of bandwidth-heavy applications."

Telstra's ICE4 network upgrade will be completed in the coming months.

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About Telstra

Telstra is a leading telecommunications and information services company. We offer a full range of services and compete in all telecommunications markets in Australia, operating the largest mobile and Wi-Fi networks. Globally, we provide end-to-end solutions including managed network services, global connectivity, cloud, voice, colocation, conferencing and satellite solutions. We have licenses in Asia, Europe and the United States and offer access to more than 2,000 points of presence across the globe. For more information visit www.telstra.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 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 www.infinera.com/blog.

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This press release contains forward-looking statements including, but not limited to the financial, technical and operational benefits of Infinera's Infinite Capacity Engine 4 product. 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 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.