



## Windstream Deploys Infinera C+L Solution, Sets Foundation to Double Fiber Capacity

**Sunnyvale, Calif. – October 3, 2018, 8:00 a.m. EDT** – Infinera, provider of [Intelligent Transport Networks](#), announced that Windstream has deployed the Infinera C+L Solution, setting a future-proof foundation for growth of up to twice current fiber capacity.

Windstream provides advanced network communications and technology solutions for consumers, small businesses, enterprise organizations and carrier partners across the U.S. To address its customers' bandwidth demand continuing to grow exponentially, Windstream anticipates the need to extend wavelength-division multiplexing transport capacity from the extended C-band transmission spectrum to the adjacent L-band, doubling fiber capacity.

Windstream chose the Infinera C+L Solution because it is designed to provide a future-proof foundation for growth, enabling the doubling of capacity with no service impact or operational compromises, and because it delivers the industry-leading performance and economics of Infinera's Infinite Capacity Engine (ICE) optical engines to the L-band. The Infinera C+L Solution:

- **Doubles capacity without a hit:** Unlike most competitive products, the Infinera C+L Solution allows Windstream to use the entire capacity of the C-band before starting L-band deployments, while still protecting existing traffic from any service-impacting outages. This enables operators like Windstream to minimize up-front capital investment, increase return on investment and reduce operational complexity and cost.
- **Extends ICE's advantages to the L-band:** Infinera's ICE optical engines, built on Infinera's unique vertically integrated development and production model, are delivering industry-leading performance in applications from metro data center interconnect to long-haul and subsea networks. ICE also supports Infinera Instant Bandwidth for flexible software defined capacity on demand and superior network economics. The new ICE L-band optical engines will bring all these benefits of vertical integration, leading optical performance and software defined capacity to the L-band.

"Windstream can clearly see a need for L-band to double the fiber capacity in high-growth parts of our network so we can continue to deliver services quickly and efficiently to meet our customers' bandwidth demands," said Buddy Bayer, Windstream Chief Network Officer. "Infinera's C+L solution allows us to set a future-proof foundation now and be confident that we can expand capacity smoothly and seamlessly into the L-band when we are ready."

"We are delighted to partner with Windstream on its journey to C+L capacity expansion," said Glenn Laxdal, Infinera Senior Vice President and General Manager, Product Management. "By deploying the Infinera C+L Solution now, Windstream is leading the industry, providing a powerful example of how to prepare for future growth and business success."

The Infinera C+L Solution incorporates C-band and L-band variants of Infinera's ICE-based transponders and FlexILS line system components, along with end-to-end controls enabling combined C+L operation on a single fiber pair. Foundational elements of the Infinera C+L Solution are generally available today, and the full solution enhancements are targeted to be available by the middle of 2019.



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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](http://www.infinera.com), follow us on Twitter @Infinera and read our latest blog posts at [blog.infinera.com](http://blog.infinera.com).

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This press release contains forward-looking statements including, but not limited to the economic, operational and technical benefits of the Infinera C+L Solution (including ICE optical engines and Instant Bandwidth) and the targeted release dates for the full solution enhancements. 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 June 30, 2018 as filed with the SEC on August 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](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.