



Infinera Redefines Operational Speed and Simplicity for Cable Operators with New Fiber-deep Access Solution

Sunnyvale, Calif. – October 22, 2018, 8:00 a.m. EDT – Infinera, provider of [Intelligent Transport Networks](#), announced today the availability of an innovative packet-optical aggregation and transport solution purpose-built to accelerate and simplify the delivery of high-speed, low-latency services in access networks at the lowest total cost of ownership. The new 1.6 terabit High-Density Ethernet Aggregator (HDEA) enables network operators to cost-efficiently address key operational and service deployment challenges in fiber-deep access environments, including Distributed Access Architectures (DAA) in cable networks and 5G radio access network (RAN) transport infrastructure.

“The rapid pace of migration from 1G to 10G connectivity in access networks will create economic and operational challenges for operators, and nowhere is this more evident than in the move to DAA within cable access networks,” said Heidi Adams, Senior Research Director, IP & Optical Networks, IHS-Markit. “Space constraints, power efficiency, and cable management are all key concerns when introducing large-scale aggregation into hub-site locations. Infinera’s new HDEA platform tackles these challenges head-on.”

The Infinera HDEA, part of the Infinera XTM Series, is an access-optimized packet-optical aggregator that seamlessly integrates optical transport capabilities, Metro Ethernet Forum Carrier Ethernet 2.0-compliant Layer 2 Ethernet functionality and open, programmable software control, including direct access via OpenFlow. Designed to support 1.6 terabits of capacity in an ultra-compact 1 rack unit (1RU) chassis, the HDEA solution is optimized for a range of access network applications, including ultra-high density 10G aggregation in DAA networks, 4G/5G mobile backhaul and high-capacity business Ethernet.

Key customer benefits include:

- **Lowest total cost of ownership:** The HDEA increases 10G density twofold and lowers power consumption by approximately half over comparable solutions, dramatically reducing operational expenses and capital expenses as access networks scale.
- **Simplified mass subscriber connectivity:** The HDEA accelerates and simplifies commissioning of high capacity such as 10G services with Infinera’s Auto-Lambda zero-touch provisioning capabilities, while mitigating deployment-impacting fiber management complexities by reducing fibers by a factor of 20 times with a unique sliding-mount design.
- **Assured investment for 4G/5G infrastructure:** The HDEA provides the high capacity and superior timing essential for a high-quality 4G and 5G mobile experience as more small cells are deployed.

“When we demonstrate to our customers how the HDEA enables the installation and commissioning of up to 1.6 terabits of packet-optical aggregation in 1RU in less than 10 minutes, the lights go on in a big way,” said Glenn Laxdal, Infinera Senior Vice President and General Manager, Product Management. “This innovative new packet-optical access offering reinforces our commitment to extending the reach of our networking solutions and driving unprecedented value for our customers.”



Infinera product and technology experts will be at the SCTE•ISBE Cable-Tec Expo® this week in booth 2905. Visit us to learn more about Infinera’s comprehensive solutions for cable operators. Customers can [contact Infinera](#) to arrange for a demonstration of our industry-leading intelligent transport solutions at the show, including our newly introduced HDEA solution and the latest advances in Infinera Auto-Lambda technology.

Additional Resources:

- [Infinera 1.6 Terabit High-Density Ethernet Aggregator](#)
- [Infinera Auto-Lambda Solution for Autotuneable DWDM in Access Networks](#)
- [IHS Markit Report: Solving the DAA Capacity Crunch with Coherent Optical Transport](#)

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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 blog.infinera.com.

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This press release contains forward-looking statements including, but not limited to the technical, operational and economic benefits of deploying the Infinera HDEA or Infinera Auto-Lambda products. 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 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 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.