



NEWS RELEASE

Lumentum and Innovium Successfully Validate Interoperability of 400G FR4 Optics with TERALYNX™ Switch

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MILPITAS, Calif., Dec. 3, 2018 /PRNewswire/ -- Lumentum Holdings Inc. ("Lumentum") and Innovium, Inc., a leading provider of networking switch solutions for data centers, today announced successful interoperability testing of Lumentum 400G QSFP-DD, Multi-Source Agreement (MSA) compliant FR4 transceivers with Innovium's advanced 12.8Tbps TERALYNX™ Switch ASIC.

"Successful 12.8Tbps TERALYNX interoperability testing builds on Lumentum's OFC 2018 demonstration of 2 km optical fiber data traffic flow through a QSFP-DD FR4 optical module," said Justin Abbott, senior product line manager at Lumentum. "Lumentum is poised to deliver MSA-compliant, fully tested, high-performance solutions as the industry prepares for the 400G transition."

"Deployments of 5G, video, NVMe over fabric, machine learning, and data analytics are driving cloud and telco customers to scale their network infrastructure and embrace 400G connectivity," said Amit Sanyal, VP of Product Management and Marketing at Innovium. "The industry-leading provider of low-latency, programmable 12.8Tbps switch silicon, is excited to announce the interoperability of TERALYNX switch with Lumentum's 400G QSFP-DD FR4 transceiver. Solutions with proven interoperability will deliver a highly scalable network with compelling economic value."

TERALYNX offers the world's fastest 12.8 Terabits/sec throughput while delivering line-rate programmability, large on-chip buffers, breakthrough telemetry, and low-latency. TERALYNX includes up to date support for 10GbE to 400GbE Ethernet and delivers 128 ports of 100GbE, 64 ports of 200GbE or 32 ports of 400GbE in a single device. Innovium's patented ground-up design in TERALYNX provides customers clear advantages in programmability, robust tunneling, low latency, power efficiency, and advanced analytics/telemetry that are essential for scale data-centers.

About Lumentum

Lumentum (NASDAQ: LITE) is a market-leading manufacturer of innovative optical and photonic products enabling optical networking and commercial laser customers worldwide. Lumentum's optical components and subsystems are part of virtually every type of telecom, enterprise, and data center



network. Lumentum's commercial lasers enable advanced manufacturing techniques and diverse applications including next-generation 3D sensing capabilities. Lumentum is headquartered in Milpitas, California with R&D, manufacturing, and sales offices worldwide. For more information, visit <https://www.lumentum.com/en>.

About Innovium

Innovium is a leading provider of high performance, innovative switching silicon solutions for data centers. Innovium TERALYNX™ family delivers software compatible products ranging from 3.2Tbps to 12.8Tbps with unmatched power efficiency, radix, programmability, buffers and low latency. Innovium team members have a highly successful track record in delivering several generations of widely deployed data center products. The company is headquartered in Silicon Valley, California and is backed by leading venture capital firms including Greylock Partners, Walden Riverwood, Capricorn Investment Group, Qualcomm Ventures, S-Cubed Capital and Redline Capital. For more information, please visit: www.innovium.com.

Contact

Investors: Chris Coldren, 408-404-0606; investor.relations@lumentum.com

Media: Greg Kaufman, 408-546-4235; media@lumentum.com

Innovium contact:

Amit Sanyal, VP of Marketing, asanyal@innovium.com

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