

# MRV Communications' OptiPacket Platform Achieves MEF's 100 GbE Carrier Ethernet 2.0 Certification

Submitted by: MRV Communications

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CHATSWORTH, Calif. —September 27, 2016—MRV Communications™, Inc. (NASDAQ: MRVC) (“MRV®”), a global provider of innovative packet and optical solutions for service providers, data center operators and enterprises, today announced that its OptiPacket® OP-X1 and OP-X4 Carrier Ethernet (CE) metro solutions have achieved MEF CE 2.0 certification for all traffic rates up to 100 Gigabit Ethernet (GbE). MEF's rigorous certification program allows network equipment manufacturers to demonstrate their compliance with globally recognized MEF CE standards. The MEF CE 2.0 certification simplifies network operational components to streamline new services and extend 100 GbE capacity without compromising scalability, advanced OAM or traffic management, an important requirement for mission-critical applications in metro core and access networks.

MRV's OptiPacket® OP-X family, consisting of the OP-X4 and OP-X1 solutions, is a portfolio of metro service edge devices positioned for 10 GbE and 100 GbE CE services. The OP-X4 is positioned for metro aggregation and the OP-X1 is positioned for network access. Both OP-X models offer interchangeable 10 GbE and 100 GbE line cards with common hardware and software architectures to enable a compelling cost of ownership as well as flexible deployment approaches for both wholesale and retail services across packet switched metro networks.

MRV has long been committed to supporting open standards to enable service providers the optimal degree of flexibility and choice in building out their networks. Achievement of the MEF CE 2.0 certification reinforces MRV's commitment to meet service providers' demand for CE 2.0 compliant products, and accelerate service deployments by creating a standardized and trusted baseline. Underlying the commitment required to earn the MEF 100 GbE CE 2.0 certification, MRV was required to complete a strict and comprehensive set of MEF-defined test cases for the OptiPacket platform. As part of the certification process, MRV validated the ability of the OptiPacket to enable service providers to add newly defined 100 GbE E-Line and E-Access service capabilities.

With MEF certification now complete for the OptiPacket and OptiSwitch platforms, MRV can now provide CE 2.0 service within any network from core to access. MRV's end to end network portfolio enables major Tier 1 carriers and service providers to quickly deploy new, standards-based 100 GbE scalable services with guaranteed Service Level Agreement (SLA) performance.

“Increases in mobile traffic and the need to access cloud services are driving communications service providers (CSPs) to look for ways to swiftly and economically deploy scalable and efficient bandwidth solutions,” commented Adam Scheer, Senior Vice President of Product Line Management and Corporate Development for MRV. “MRV's OptiPacket 100 GbE solution addresses that growing need for bandwidth and, with the MEF CE 2.0 certification, ensures customers will have flexibility in how they build out their networks and confidence that they can reliably meet current and future requirements.”

“MEF congratulates MRV for CE 2.0 certification of its innovative OptiPacket 100 GbE access platform,” commented Nan Chen, President, MEF. “This certification sets the global standard for Carrier Ethernet equipment and services, establishing a trusted baseline for recognition and

differentiation of superior offerings that underpin Third Network innovation. MRV's achievement of these high standards speaks to its dedication and commitment to providing the most progressive and effective solutions available."

For more information on MEF and its certification process, please click [here](#).

For more information on MRV's OptiPacket product portfolio, please click [here](#).

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#### About the MEF

The MEF is the driving force enabling agile, assured and orchestrated Third Network services for the digital economy and the hyper-connected world, with user-directed control over network resources and cloud connectivity. Optimized for real-time, QoS-enabled, secured traffic and integration of value-added network functions-as-a-service, Third Network services are delivered over automated, virtualized, and interconnected networks globally powered by LSO, SDN, and NFV.

The MEF leverages its global 200+ network operators and technology vendor community, builds upon the robust \$80 billion Carrier Ethernet market, and provides a practical evolution to the Third Network with LSO, SDN, and NFV implementations that build upon a CE 2.0 foundation.

The MEF has established a technical and implementation framework that includes architecture, information models, service definitions, operational processes, open source community, and certification programs. MEF work is conducted internally and – under the guidance of the MEF UNITE program – in collaboration with global standards organizations and open source projects. For more information, see [www.MEF.net](http://www.MEF.net).

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#### About MRV Communications

MRV Communications (NASDAQ: MRVC) enables service providers, data center operators and enterprises to make their networks smarter, faster and easier to operate. MRV's end-to-end portfolio includes innovative packet, optical and software platforms designed for flexibility and reliability. To learn more about MRV visit [www.mrv.com](http://www.mrv.com) and follow us on Twitter @MRVC.

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