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CHELSIO CONTRIBUTES 10/40GbE UNIFIED WIRE ADAPTERS TO OPEN COMPUTE PROJECT

Terminator 5 (T5) 10/40Gb Ethernet Adapters Enable Network Convergence While Delivering Unprecedented Performance

SUNNYVALE, CA – March 8, 2016 – Chelsio Communications, Inc., a leading provider of Ethernet adapters for storage networking, virtualized enterprise data centers, cloud service installations, and cluster computing environments, today announced the contribution of its 10GbE and 40GbE Unified Wire adapters to the Open Compute Project (OCP).

The OCP-optimized adapter design contributions are designed for storage, cloud computing, HPC, virtualization and other data center applications in an Open Compute Network and Storage environment.

- [T580-OCP-SO](#) – memory free dual-port 40 Gigabit Ethernet Unified Wire adapter, with PCI Express 3.0 host bus interface
- [T520-OCP-SO](#) – memory free dual-port 10 Gigabit Ethernet Unified Wire adapter, with PCI Express 3.0 host bus interface

Both adapters are based on the Chelsio T5, which is a highly integrated, hyper-virtualized 10/40GbE controller with full offload support of a complete Unified Wire solution comprising NIC, TOE, iWARP RDMA, iSCSI, Security and Filtering, and Traffic Analytics and Management. T5 provides no-compromise performance with high packet processing capacity, sub-microsecond hardware latency and high bandwidth, limited only by the PCIe Gen3 bus. Furthermore, it scales to true 40 Gigabit line rate operation from a single TCP connection to



thousands of connections, and allows simultaneous low latency and high bandwidth operation thanks to multiple physical channels through the ASIC.

“The OCP ecosystem continues to demonstrate positive momentum when technology leaders such as Chelsio take a dynamic role in shaping the future of open networking, through not only its open participation in Open Compute Project but through the willingness to open the specs and designs around its T5 Unified Wire product line,” said Amber Graner, Operations Director and Community Manager, Open Compute Project (OCP) Foundation. “The Chelsio T5 adapter contributions are a great example of how OCP is accelerating the future of open hardware in the networking ecosystem.”

“Chelsio is committed to Open Ethernet and to enabling the freedom of choice of hardware and software for best data center return on investment,” said Dr. Asgeir Eiriksson, chief technology officer at Chelsio. “We’re very gratified to help enable the OCP ecosystem with our industry-leading Unified Wire adapter solutions.”

About Chelsio Communications

Chelsio is a recognized leader in high performance (10G/25G/40G/50G/100G) Ethernet adapters for networking and storage within virtualized enterprise data centers, public and private hyperscale clouds, and cluster computing environments. With a clear emphasis on performance and delivering the only robust offload solution, as opposed to simple speeds and feeds, Chelsio has set itself apart from the competition. The Chelsio Unified Wire fully offloads all protocol traffic, providing no-compromise performance with high packet processing capacity, sub-microsecond hardware latency and high bandwidth. Visit the company at www.chelsio.com, and follow the company on [Twitter](#) and [Facebook](#).

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