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CHELSIO UNIFIED WIRE ADAPTERS ACHIEVE OPENPOWER READY COMPLIANCE

Chelsio End-to-End 40Gb Ethernet Enables Optimized Return-on-Investment for OpenPOWER Platforms

SUNNYVALE, CA – April 5, 2016 – Chelsio Communications, Inc., a leading provider of high performance Ethernet adapters for storage networking, virtualized enterprise data centers, cloud service installations, and cluster computing environments, today announced that Chelsio Unified Wire 10/40GbE adapters have achieved OpenPOWER Ready compliance. The Chelsio solutions can be utilized in servers and high performance computing clusters as part of an open architecture model featuring technology from members of the OpenPOWER Foundation.

The OpenPOWER Ready-compliant Unified Wire adapters are designed for storage, cloud computing, HPC, virtualization and other data center applications in an OpenPOWER Compute and Storage environment.

- **T520-BT**: Dual-port 10 Gigabit Ethernet Unified Wire adapter, with PCI Express 3.0 host bus interface.

- **T520-CR**: Dual-port low-profile 10 Gigabit Ethernet Unified Wire adapter, with PCI Express 3.0 host bus interface.

- **T520-SO-CR**: Memory free dual-port 10 Gigabit Ethernet Unified Wire adapter, with PCI Express 3.0 host bus interface.

- **T580-CR**: Dual-port 40 Gigabit Ethernet Unified Wire adapter, with PCI Express 3.0 host bus interface.

- **T580-LP-CR**: Dual-port low-profile 40 Gigabit Ethernet Unified Wire adapter, with PCI Express 3.0 host bus interface.

- **T580-S0-CR**: Memory free dual-port 40 Gigabit Ethernet Unified Wire adapter, with PCI Express 3.0 host bus interface.

Each adapter is 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.

"Chelsio is committed to OpenPOWER 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 OpenPOWER ecosystem with our industry-leading Unified Wire adapter solutions achieving OpenPOWER Ready Compliance."

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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