



FOR IMMEDIATE RELEASE

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CHELSIO ADVANCES FLASH STORAGE ACCESS, EMPOWERING COST-EFFECTIVE, RAPID DATA ANALYSIS

Showcases Multiple Solutions for Accessing Flash over 25, 40, 50, and 100 Gigabit iSCSI, NVMe-oF (iWARP) and NVMe-TCP (TOE) at Flash Memory Summit 2020

FLASH MEMORY SUMMIT/SUNNYVALE, CA – November 10, 2020 – Chelsio

Communications, Inc., a leading provider of high performance (1Gb/10Gb/25Gb/40Gb/50Gb/100Gb) Ethernet Unified Wire Adapters and ASICs for storage networking, virtualized enterprise datacenters, cloud service installations, and cluster computing environments, today announced a set of storage demonstrations and performance benchmark results which showcase how customers can speed up applications, enable fast time-to-decision, and reduce costs using iSCSI, iWARP RDMA/TCP and TCP Offload Engine (TOE) technologies to share solid-state storage.

“The elevated performance of solid-state storage necessitates superior performance from the networking technology for customers to achieve the true potential of their data centers and the data they retain,” stated Kianoosh Naghshineh, CEO at Chelsio Communications. “Enterprises have been unambiguous that they want to deploy flash storage across hundreds to thousands of servers using the most cost-effective and efficient networking available to maximize their return on investment. We are excited to demonstrate how T6 Unified Wire Adapters provide such access.”

During the Flash Memory Summit (November 10-12, 2020), Chelsio will demonstrate the following solutions that illustrate how T6 Unified Wire adapter solutions offering high-speed Ethernet storage networking complement solid state storage technologies in the company’s virtual booth:



- 100G Kernel and User Space NVMe/TCP Using Chelsio TOE for low-latency access to NVMe SSD storage.
- NVMe Over Fabrics network access to NVMe devices with industry leading high performance and low latency 100GbE iWARP RDMA.
- 100G iSCSI Protocol Offload-based access to flash storage with extremely high throughput and IOPs.

Additional Resources

[100G Kernel and User Space NVMe/TCP Using Chelsio TOE](#) (Technical Brief)

[100G SPDK NVMe over Fabrics](#) (Technical Brief)

[Windows NVMe over Fabrics Performance](#) (Technical Brief)

[100G NVMe over Fabrics JBOF](#) (Technical Brief)

[100G NVMe over Fabrics for AMD EPYC](#) (Technical Brief)

[Demartek Evaluation: Chelsio Terminator 6 \(T6\) Unified Wire Adapter iSCSI Offload](#)

About Chelsio Communications

Chelsio is a recognized leader in high performance (1Gb/10Gb/25Gb/40Gb/50Gb/100Gb) Ethernet adapters for networking and storage within virtualized enterprise datacenters, 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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