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Media Contact:
media@chelsio.com
Chelsio Communications
1-408-962-3677

CHELSIO DEMONSTRATES APPLICATION ACCELERATION FOR VIDEO EDITING AND LARGE-SCALE CONTENT DELIVERY AT NAB 2017

Showcases Acceleration of Windows-Based Media Workflows and Content Delivery Applications

SUNNYVALE, CA – April 25, 2017 – Chelsio Communications, Inc., a leading provider of high performance (1Gb/10Gb/25Gb/40Gb/50Gb/100Gb) Ethernet adapters and ASICs for storage networking, virtualized enterprise datacenters, cloud service installations, and cluster computing environments, today announced demonstrations of its Terminator 6 (T6) Unified Wire adapters for acceleration of Avid Media Composer® running on Windows 10 Enterprise Client, and improved capacity and service quality for large-scale content delivery applications at the [Chelsio booth #SL15409](#), National Association of Broadcasters (NAB) 2017 conference in Las Vegas.

Video Editing Acceleration Using Window 10 Enterprise Client RDMA

The first demonstration shows Avid Media Composer running on Windows 10 Enterprise Client systems using the Client RDMA feature of Chelsio's 40G T580 RDMA enabled NIC delivering consistently higher network throughput for video workflows at lower CPU utilization. The Windows 10 Enterprise Client RDMA feature allows improved response times for the broad base of Windows 10 Enterprise professional applications, including video editing applications, requiring high-performance access to Windows Server storage.

The demonstration validates iWARP RDMA's ability to accelerate I/O-intensive Windows 10 Enterprise video editing applications through highly efficient network data movement and higher availability of CPU cycles for application processing. As a result, customers using



Windows 10 Enterprise for media and entertainment (M&E) applications will see performance improvements while taking advantage of the ease of use and low cost of ownership of Chelsio iWARP.

Content Delivery Network (CDN) and Video-on-Demand (VoD) Application Acceleration

The second demonstration shows how the StreamEngine™ capability of Chelsio T6 Unified Wire adapters which adds video segmentation offload and per-stream rate limiting functionality to T6 TCP and UDP Offload capabilities significantly reduces CPU utilization, increases video and content delivery capacity and improves service quality. Built to accelerate and smooth media streaming and other high throughput applications, the Chelsio StreamEngine delivers best-in-class performance for Content Delivery Network (CDN), IPTV and Video on Demand (VOD) providers.

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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