Chelsio to Provide 10Gb Ethernet and Protocol Acceleration for Sun Solaris OS

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Chelsio Communications, Inc., a leader in 10-Gigabit Ethernet adapter cards and protocol acceleration technology, today announced it is collaborating with Sun Microsystems, Inc. to develop drivers for Chelsio's family of performance-leading [10Gb](#) [Ethernet](#) Server Adapters to run on the Solaris(TM) Operating System (Solaris OS) for SPARC(R), AMD(R) Opteron(TM) and Intel(R) Xeon(R)-processor based systems.

Chelsio is currently shipping the driver for the Solaris OS for its N110 10Gb Ethernet NIC and will have a driver available for its T110 10Gb Ethernet Protocol Engine adapter later this year. The T110 is the only 10Gb Ethernet adapter available in the market today that supports full TCP/IP offload engine (TOE), iSCSI acceleration and Remote Direct Memory Access (RDMA) in hardware, delivering the industry's highest performance solution. Chelsio's T110 was recently benchmarked and independently verified to deliver more than double the throughput and up to five times the CPU efficiency of competitor's 10Gb Ethernet adapters available today (See Chelsio news announcement dated August 4: http ://www.chelsio.com/news/pr_080404.htm).

Additionally, Chelsio is working with Sun to optimize its TOE/RDMA technology for the new high-performance TCP/IP architecture in Solaris (known as project FireEngine), to provide customers with significant performance advantages and cost savings.

"Our customers are continually seeking higher levels of performance for

their most demanding network server applications. The combination of 10Gb Ethernet and the streamlined IP Stack in Solaris 10 will enable us to deliver unprecedented network performance," said Glenn Weinberg, vice president, Operating Platforms Group at Sun. "Our partnership with Chelsio will benefit customers by providing higher throughput and lower latency capabilities for their IT infrastructures."

"Sun has been an excellent partner for Chelsio, as both companies share a common vision for enabling high-performance network computing," said Kianoosh Naghshineh, president and CEO of Chelsio. "We are proud to be a member of the Solaris ecosystem with our high performance 10Gb Ethernet adapters and are excited to be working with Sun to bring the proven benefits of our protocol acceleration technology to the Solaris OS."

Source: Chelsio Communications, Inc.