



**FOR IMMEDIATE RELEASE**

# NEW INTERNET2 LAND SPEED RECORD ESTABLISHES CHELSIO'S T3 AS FASTEST 10Gbps ETHERNET ADAPTER FOR IPv4 AND IPv6

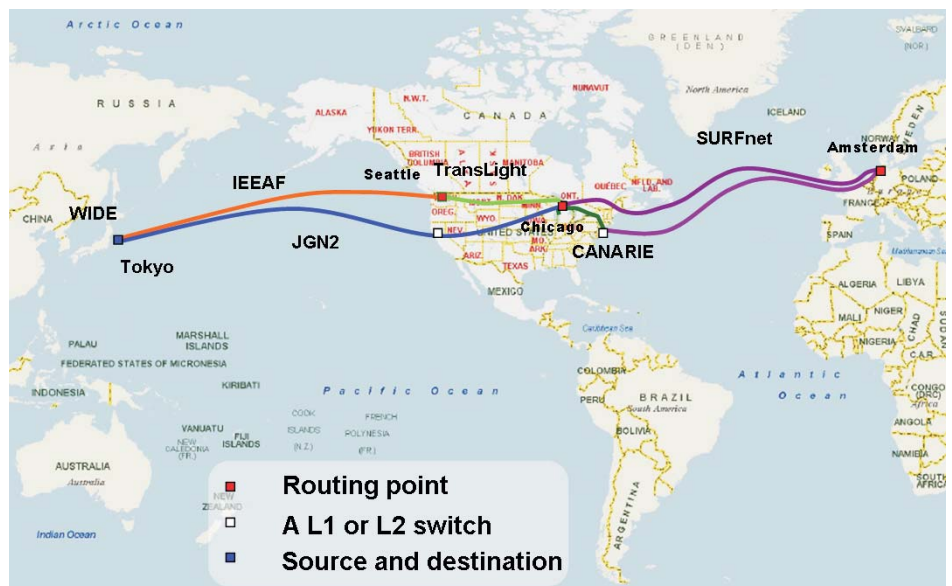
**INTERNET2**  
**Press Release**

SUNNYVALE, CA, May 9, 2007 – Chelsio Communications, Inc., the leading provider of 10-Gigabit Ethernet unified wire solutions, today announced that the international team led by the University of Tokyo has set two consecutive new IPv6 Land Speed Records for Internet2 in the single stream and multi stream category using Chelsio’s high performance 10Gb Unified Wire Accelerators. With these records, the competition is effectively closed for IPv6 and IPv4 with all the current single stream and multi stream records being held by Chelsio’s T3.

Dr. Kei Hiraki, professor at the University of Tokyo and LSR team leader, said, “Chelsio has been an integral part of the team for the last 2½ years. Chelsio’s 10Gb network accelerators are fast, flexible adapters that enable us to finely tune the output rate of the end-systems to adapt to the characteristics of the network path. These records are final for the 10Gbps era because they represent more than 99% of the upper limit of network capacity.”

“Our 10GbE Unified Wire Accelerators are proving once again to be the best performing high speed Ethernet adapters in the world,” said Kianoosh Naghshineh, president and CEO of Chelsio. “Our cards are superior for a wide range of high performance computing applications, from low latency-demanding cluster computing applications to ultra-long distance communications, and for both IPv4 and IPv6.”

As an open and ongoing competition for the highest-bandwidth, end-to-end networks, Internet2 LSR awards represent the fastest rate at which data is transferred multiplied by the distance traveled. For this set of IPv6 records, a team from the University of Tokyo, WIDE Project, NTT Communications, JGN2, SURFnet, CANARIE, Pacific Northwest Gigapop and other institutions collaborated to create a network path over 30,000 kilometers in distance, crossing 6 international networks — over ¾ the circumference of the Earth. In



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# Press Release

doing so, the team successfully transferred data in the single and multi-stream categories at an application throughput of 9.08 Gbps which is equal to 272,400 Tb-m/s for both the IPv6 multi and single stream categories. With this speed, the team surpassed the current IPv4 records, proving that Chelsio's adapter and the network devices along the path are able to provide the same performance as IPv4.

## **About Chelsio Communications**

Chelsio Communications is leading the convergence of networking, storage and clustering interconnects with its robust, high-performance and proven protocol acceleration technology. Featuring a highly scalable and programmable architecture, Chelsio is shipping 10-Gigabit Ethernet and multi-port Gigabit Ethernet adapter cards, delivering the low latency and superior throughput required for high-performance computing applications. For more information, visit the company online at <http://www.chelsio.com>.

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