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LSI LOGIC LEADS WITH ENGENIO INFINIBAND STORAGE SYSTEM

New native InfiniBand storage solutions benefit high performance computing environments.

SuperComputing 2005 – Seattle, Wash. November 14, 2005 – LSI Logic Corporation (NYSE:LSI) today introduced the most recent additions to its Engenio family of storage solutions, the Engenio 6498 controller and Engenio 6498 storage system. These solutions integrate native InfiniBand connectivity with sixth-generation Engenio XBB™ architecture, high-performance Fibre Channel or high-capacity SATA disk drives and powerful storage management software solutions.

Many of today's high performance computing (HPC) and technical computing environments are utilizing InfiniBand (IB) as a high performance, low latency interconnect for server clusters ranging from two to thousands of nodes. Engenio 6498 InfiniBand storage solutions are ideally suited for markets that utilize InfiniBand-based Linux server clusters for high-bandwidth programs and complex application processing – such as energy, Government labs, biosciences, supercomputing, and scientific research and development. The native InfiniBand interface provides a cost and performance advantage over FC-based or gateway-based solutions for environments utilizing InfiniBand as a server clustering interconnect.

“The Engenio 6498 controller and storage system deliver high per-channel bandwidth, reduced total cost of ownership and superior performance for HPC customers,” said Steve Gardner, director of product marketing, Engenio Storage Group. “The 6498 delivers maximum throughput across a minimum number of connections thus lowering acquisition and service costs. Early adopters of new technology and those with high performance and technical computing environments that are already utilizing InfiniBand fabrics will greatly appreciate the 6498's capabilities.”

The Engenio 6498 storage system and its modular design enable lower acquisition and expansion costs while maintaining maximum flexibility. Engenio 6498 controller modules feature dual-active, intelligent RAID controllers, providing four 10 Gb/s InfiniBand host connections and supporting up to 224 Fibre Channel or SATA disk drives. Drive modules within Engenio 6498 systems are designed to optimize performance, availability and serviceability. Redundant, dual-active drive loops access the dual-ported drives ensuring maximum performance and easy accessibility to all drives.

"We are seeing InfiniBand being used in high performance computing (HPC) and early adopters in large corporations for server clustering," said Tony Asaro, senior analyst for the Enterprise Strategy Group. "Having native InfiniBand support on storage systems makes sense for these environments for practical and fundamental reasons including reducing cost and complexity while offering leading price/performance value to customers."

SANtricity® Storage Manager software controls the Engenio 6498 storage system and provides administrators a powerful management interface. With SANtricity software, all administrative tasks, including configuration, re-configuration, expansion, maintenance and performance tuning, can be performed with no system downtime and no interruption to system I/O. SANtricity software's configuration flexibility includes the ability to mix drive technologies, RAID levels, segment sizes, volume group sizes, volume characteristics and cache policies all within a single storage system. SANtricity software's centralized administration and run-anywhere GUI enables management of all OEM-branded storage systems from any location on the network – regardless of host or client platform.

Engenio 6498 storage systems are available through select OEM partners and will be on display at SuperComputing 2005, which will be held November 12-18 at the Washington State Convention and Trade Center in Seattle, Washington. Demonstrations of the Engenio 6498 system will take place in the following alliance partner booths: Cisco, Mellanox, Silverstorm, and Voltaire.

For more information on SuperComputing 2005, please visit <http://sc05.supercomputing.org/>.

About LSI Logic

LSI Logic Corporation (NYSE:LSI) is a leading provider of silicon-to-system solutions that are used at the core of products that create, move and store electronic content. LSI offers a broad portfolio of capabilities including customer specific and standard product ICs, host bus and RAID adapters, enterprise storage network solutions and software applications. LSI products enable leading technology companies in the Consumer, Communications and Storage markets to deliver some of the most advanced and well-known electronic systems in the market today. More information is available at www.lsillogic.com.

The Engenio Storage Group, a division of LSI, designs and manufactures high performance modular enterprise storage platforms and storage management software that is delivered to end users through strategic partners. IBM, SGI, StorageTek and Teradata are among the partners who deliver total solutions with unique combinations of hardware, software and services for applications including transaction processing, e-mail, data warehousing and scientific research. For more information, please visit <http://www.engenio.com>.

Editor's Notes:

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