ETHERNET ALLIANCE LAYS OUT HIGH-SPEED PATH TO SUPERCOMPUTING SUCCESS WITH SC12 DEMO

Collaborative display demonstrates Ethernet's flexibility, reliability, and cost-effectiveness in rigorous low-latency, high-performance computing environments and applications

SC12, SALT LAKE CITY, UT, November 6, 2012 – The [Ethernet Alliance](), a global consortium dedicated to the continued success and advancement of Ethernet technologies today announced it is showcasing an integrated multi-vendor demo in booth 637 on the [SC12]() expo floor. Scheduled for November 12 – 15 in Salt Lake City, UT, SC12 is the industry's leading international high-performance computing, networking, storage, and analysis conference. The live demonstration encompasses an array of technologies and highlights Ethernet's ability to deliver the durable, high-speed performance required by supercomputing applications.

"Big Data, Hadoop processing, MPI, automated design applications, storage – all of these very intensive, high-performance computing applications need robust, reliable, low-latency connectivity," said Chauncey Schwartz, marketing committee chair, Ethernet Alliance, and senior technical marketing manager, QLogic. "The Ethernet Alliance SC12 demo exemplifies Ethernet's superior interoperability with the integration of multiple diverse Ethernet technologies such as 10GbE and 40GbE, converged Ethernet with FCoE and iSCSI, and 10GBASE-T into a single HPC environment. The demo allows us in a very tangible, real-world way to illustrate Ethernet's flexibility, interoperability and capacity for sustained, optimum performance even in the most computing-intensive situations."

The Ethernet Alliance SC12 demo is designed to simulate traffic volumes, patterns, and flows commonly found in HPC and data center environments. The network topology spans three layers, including 10GbE attached servers in the access layer that are linked to multiple 10GbE switches in the distribution layer aggregated by two 40GbE core switches. The equipment and technologies featured in the demo were provided by Ethernet Alliance member companies including Amphenol Corporation (NYSE: APH), Aquantia, Cisco Systems (NASDAQ: CSCO), Dell (NASDAQ: DELL), Emulex Corporation (NYSE: ELX), Hitachi, Ltd (TSE: 6501), Ixia (NASDAQ: XXIA), Mellanox Technologies, Ltd. (NASDAQ: MLNX), Spirent Communications (LSE: SPT), TE Connectivity (NYSE: TEL) and Volex (LSE: VLX).

"Ethernet is known throughout the industry for its emphasis on interoperability. It is uniquely able address a variety of demanding environments ranging from supercomputing to today's

converged data centers," said John D'Ambrosia, chairman, Ethernet Alliance, and chief Ethernet evangelist, CTO office, Dell. "With its continued evolution and market-proven flexibility, reliability, and cost-effectiveness, Ethernet is ideally positioned to fuel the next generation of supercomputing applications and advancements."

For more information or to experience EA's live interoperability demo in person, please visit booth number 637 on the SC12 expo floor. For more information about EA, please visit http://www.ethernetalliance.org, follow @EthernetAllianc on Twitter, visit its Facebook page, or join the EA LinkedIn group.

About the Ethernet Alliance
The Ethernet Alliance is a global consortium that includes system and component vendors, industry experts and university and government professionals who are committed to the continued success and expansion of Ethernet technology. The Ethernet Alliance takes Ethernet standards to market by supporting activities that span from incubation of new Ethernet technologies to interoperability demonstrations and education.

For more information about the Ethernet Alliance, please visit www.ethernetalliance.org; follow @EthernetAllianc on Twitter; visit the Ethernet Alliance Facebook page; or join the Ethernet Alliance LinkedIn group. Individuals who would like to receive updates on Ethernet Alliance news, activities and events may sign up for the organization's newsletter at www.ethernetalliance.org/newsletter.

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Media Contact:
Melissa Power
Interprose Public Relations
P: 401-454-1314
E: Melissa.power@interprosepr.com

Additional Quotes:

"Amphenol is once again proud to be part of the Ethernet Alliance live demo at this year's Super Computing conference. The Super Computing conference and exhibition is one of the premier events of the year. The EA booth is great place for designers and end users to get unbiased information on the latest in GbE and see the latest products in live and static demos.

Amphenol will be showing our world class 10GbE SFP+ and 40GbE QSFP+ interconnect systems. From our passive, active copper cables and the latest active optical cable assemblies to our SFP+ and QSFP+ cages and connectors. Additionally we will be showing optical connectivity solutions designed to increase density and improve cable routing and tray congestion including FiberMOD 1RU panels, trunking cassettes, and compact trunk cables." – Greg McSorley, technical business development manager, Amphenol High Speed Interconnect

"The availability of 10GBASE-T as a LAN-on-Motherboard (LOM) solution, along with the launch of the Romley server platforms earlier this year, has accelerated the deployment of 10Gigabit Ethernet in large-scale data centers. Aquantia is proud to participate in the Ethernet Alliance demonstration of 10GBASE-T and other exciting technologies at SC12." – Kamal Dalmia, vice president sales and marketing, Aquantia

"As a principal member of the Ethernet Alliance, Dell is excited to take part in the SC'12 Ethernet Alliance demonstration. The latest demonstration showcases state-of-the art Ethernet performance and convergence capabilities while underscoring the value of open standards that allow multi-vendor interoperability as the basis for wide-spread customer adoption." – Arpit Joshipura, vice president of product management and marketing, Dell Networking

"Ethernet remains the dominant fabric of the data center. Next generation 40/100GbE low-latency Ethernet technology complemented by RoCE and kernel bypass software stacks will provide an industry standard Ethernet alternative to proprietary fabrics such as InfiniBand, giving customers running High Performance Computing environments an ideal platform for the next phase of network convergence. As part of the Ethernet Alliance demonstration, Emulex's OneConnect® Network Xceleration™ (NX) 10GbE solutions with FastStack kernel bypass software showcase the extreme network performance customers can achieve, today." – Shaun Walsh, senior vice president of marketing and corporate development, Emulex

"Hitachi Cable is excited to participate in the Ethernet Alliance's interoperability demonstration with our innovative high-performance interconnects – especially designed to meet the supercomputing industry's requirements for transport speed, density, power consumption and reliability. We're grateful for the opportunity to highlight our 10GbE, 40GbE and 100GbE optical and copper interconnect solutions, and to showcase some of our newest technologies at SC12." – Mike Ressl, director, technical marketing and business development, Hitachi Cable America

"At SC12, the Ethernet Alliance is bringing together diverse vendors to create a converged data center network that includes a high-performance network, applications, storage and test emulation. Participating in these events with the Ethernet Alliance is a natural extension of the innovation we hold core to our values at Ixia. The live demonstrations at SC12 will not only clearly show the very latest innovations, but also offer up pragmatic solutions for today's data center performance needs." – Michael Githens, marketing lab program manager, Ixia

"Volex is pleased to support the Ethernet Alliance's Live Demo at this year's SuperComputing Conference with our QSFP+ 40G IEEE802.3ba and SFP+ 10GBaseCR plugfest compliant cables. Our QSFP+ to four SFP+ hydra cable enables higher density switches being connected to 10G servers in a rack." – Ed Cady, business development director, Volex