LAN eXtensions for Instrumentation

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For Immediate Release

LXI Consortium Presents Six New Webcasts on the LXI Standard

Niwot, CO – September 9, 2009 – The LXI Consortium has released six new on-demand webcasts dealing with the fundamentals of the LXI standard, LXI Class B instrument capabilities, and the most recent changes incorporated into Version 1.3 of the Standard. All of these webcasts are available for online viewing or download from the Consortium's website at http://www.lxistandard.org/press/papers/:

- **Getting Started with LXI** — This eight-and-a-half-minute presentation by Conrad Proft provides a quick refresher on the three classes of LXI instruments. It also addresses the simplicity of configuring LXI-based systems, the ease of monitoring and controlling instruments from a web browser, creating a LAN subnet, Discovery tools, and typical LXI network topologies. Proft brings more than 30 years of experience in designing, marketing, and managing test and measurement products with HP-Agilent Technologies to this presentation. He holds a bachelor of science degree in Electrical Engineering from Missouri Institute of Technology and a master of science degree in Computer Sciences from Colorado State University.

- **Getting to Know LXI** — Conrad Proft provides an eight-minute overview of LXI conformant devices, illustrates examples of LXI-based test systems, describes the high density LXI

instrumentation, explains the advantages of LXI instrumentation versus other instrument platforms, and outlines the added advantages Class A and Class B instrumentation provides.

- **Migrating from GPIB to LXI** — This seven-and-a-half-minute presentation from Conrad Proft outlines the steps involved in migrating test systems from the General Purpose Interface Bus (GPIB) to the LXI instrumentation platform, including changes to the test programming, Local Area Network (LAN) vs. GPIB performance, and system troubleshooting.

- **What LXI Class B Can Do** — Conrad Proft presents a nine-minute overview of Class B instrument capabilities, triggering, and the "time-aware" nature of Class B instruments. The presentation also illustrates an antenna measurement system that incorporates a Class B trigger box.

- **LXI Class B Synchronization Demo** — Rob Purser of The MathWorks demonstrates how LXI gives test system builders the flexibility to mix hardware from multiple vendors into a single seamless system. The Multi-Vendor Demo System (MVDS) illustrates interoperability between products from different vendors and focuses on the advanced capabilities of Class B instruments, which share a common sense of time. The presentation includes a video demonstration that employs a ball-popping toy to demonstrate the ease of system synchronization.

- **LXI 1.3 Changes** — This 16-minute presentation is given by David Owen, the Technical Committee Chairman for the LXI Consortium. It provides an overview of the key changes from Version 1.2 to Version 1.3 of the LXI Standard, the primary drivers for these changes, details on specification reorganization and deletions, the migration to IEEE 1588-2008, the adoption of mDNS discovery tools, and changes to Class C extended features.

About LXI and the LXI Consortium

Introduced in 2005, the LXI Standard has been rapidly implemented by numerous hardware and software companies, as well as systems integrators. These organizations, which represent a who's who of the test-and-measurement industry, recognize not only that LXI is the natural evolution of the test-and-measurement-instrument interface but also that it allows test system designers and integrators to create faster, more efficient systems. To date, more than 1200 products in 140 different product families have been certified as being compliant with the LXI Standard and annual sales of LXI-equipped test and measurement equipment now exceed $220 million (U.S.).

The LXI Standard creates new capabilities that optimize test throughput, overall system performance, and cost efficiency in a way that allows engineers to build powerful, Web-enabled test systems in less time. The LXI Consortium, a not-for-profit corporation comprised of leading test and measurement companies and universities, manages the Standard. Participation by industry professionals, systems integrators and government representatives is also highly encouraged. The group's goals are to develop, support and promote the LXI standard. LXI's flexible packaging, high-speed I/O and standardized use of LAN connectivity address a broad range of commercial, industrial, aerospace and military applications.

Additional information about LXI-compliant products as well as licensing, specifications, and consortium membership is available at www.lxistandard.org.

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