
Press Release

Protocol Solutions Group

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LeCroy Enhances USB 3.0 Analyzer Product Line

*Voyager System Features Enhanced Device Emulation;
Low-Cost Advisor T3 Pro Model Now Supports Simultaneous USB 2.0 / 3.0 Capture*

Intel Developer Forum, Beijing, China, April 12, 2011 – LeCroy Corporation, the worldwide leader in USB protocol test solutions, has upgraded its SuperSpeed USB analyzer product line with new capabilities designed to improve interoperability testing for next generation USB devices. Available as a free software download, this new release helps developers test and verify compatibility with an expanding variety of USB 3.0 host and hub controllers from different SuperSpeed vendors.

The growing availability of USB 3.0 products is increasing the amount of testing required by SuperSpeed development teams. As a result, LeCroy has bolstered its offerings with new capabilities for its flagship USB verification platform, the Voyager M3i and its ultra-portable Advisor T3 Pro analyzer.

For Voyager M3i users, this release includes exerciser enhancements that make it easier to emulate device behavior operating downstream from a host or hub port. A new device emulation framework embedded in firmware allows the Voyager exerciser to autonomously respond to enumeration requests as a real device would. Users retain full control of these canned responses and can modify individual parameters on the fly to include custom or invalid interface descriptors.

For Advisor T3 Pro users, the latest software now supports simultaneous USB 2.0 and USB 3.0 recording. Previously, this feature was only available on the LeCroy Voyager M3i analyzer platform. The ability to accurately capture traffic from high-speed and SuperSpeed links simultaneously allows users to verify operations on the upstream side of a USB 3.0 hub.

“A large selection of new SuperSpeed USB host controllers and hub designs from a variety of vendors is driving demand for more comprehensive test capabilities.” said Mike Micheletti, Product Manager at LeCroy’s Protocol Solutions Group. “LeCroy’s flexible Voyager M3i and the affordable Advisor T3 analyzers allow developers to standardize on the industry’s most widely used protocol layer test platform without compromising on features or reliability.”

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The Voyager M3 system, initially released in August 2008, is LeCroy's flagship test tool for USB 2.0 and 3.0 protocol verification. Available with an integrated USB 2.0/3.0 exerciser, the Voyager allows users to transmit custom traffic patterns with low-level control of headers, payloads, timing, and link states. Released in 2010, the Advisor T3 has quickly become the industry's top selling USB 3.0 analyzer. This low-cost solution has always supported USB 2.0 and 3.0. Now that the Advisor Pro model includes the ability to capture both links concurrently, this will help developers tasked with testing host behaviors including hub configurations and proper SuperSpeed to high speed fall-back operation.

About LeCroy

LeCroy Corporation is a worldwide leader in serial data test solutions, creating advanced instruments that drive product innovation by quickly measuring, analyzing, and verifying complex electronic signals. The Company offers high-performance oscilloscopes, serial data analyzers, and global communications protocol test solutions used by design engineers in the computer and semiconductor, data storage device, automotive and industrial, and military and aerospace markets. LeCroy's 45-year heritage of technical innovation is the foundation for its recognized leadership in "WaveShape Analysis"—capturing, viewing, and measuring the high-speed signals that drive today's information and communications technologies. LeCroy is headquartered in Chestnut Ridge, New York. Company information is available at <http://www.lecroy.com>.

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