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SerialTek Announces their Innovative 6Gb/s SAS/SATA Analyzer

The new BusXpert protocol analyzer is being formally released on November 10, 2008 at the University of New Hampshire, SAS Plug-Fest.

University of New Hampshire – November 10, 2008 – SerialTek, today announces the BusXpert line of 6Gb/s SAS/SATA protocol analyzers. The new BusXpert has quickly turned the heads of veteran industry users with its many state-of-the-art, technological advancements.

SerialTek was founded by storage industry veteran, Dale Smith, formerly the founder and CEO of Data Transit. Mr. Smith's experience and knowledge of storage and analysis gave him insight into what the industry lacked in protocol analyzers and what it would take to design an innovative analyzer that addresses the need to analyze more data in less time. "Ultimately, an analyzer's job is to display the information the user wants to see, the way he wants to see it, and by the way, DO IT NOW. Users don't want to be kept waiting for long periods of time while their analyzer gathers data and decides how to label it. Previous analyzers have trained users to spend lots of time setting up triggers and filters in order to keep the trace short. The new BusXpert changes everything with its ability to take huge traces and process and display them very quickly." said Dale Smith, CEO/CTO of SerialTek.

The BusXpert has a native PHY front end with fast PLL locking so data isn't lost when a SATA device wakes up. It also has a proprietary trace format that makes it possible to search, filter, and analyze huge traces very quickly. Buffer sizes from 2GB to 36GB are available now, with 72GB coming soon. All buffers sizes can be segmented up to 256 segments. To upload the large buffers, the BusXpert utilizes a PCIe connection for saving traces at speeds exceeding 500 MB/sec (limited only by the HDD). It also comes with a standard Gigabit Ethernet with hardware acceleration for network connectivity. A 2ns timestamp resolution provides the accuracy desired by hardware designers. A real-time protocol engine is constantly gathering device addresses so users can drag-and-drop from a list rather than typing in the long addresses.

The portable software is a JAVA based application and runs on all 32/64bit Windows platforms with Linux support to follow shortly. It offers multiple trigger sequencers with branching logic and multiple counters and timers. The synchronized views are each optimized for a different level of protocol, and provide an easy way to drill down through the layers. Trace compression techniques ensure efficient use of the buffer memory and faster saving and processing.

Paul Mutschler, VP of Sales & Marketing says “Dale and I have both been analyzer users and we’ve both seen how long it takes sometimes to configure the analyzer and finally get the trace you want to see. This product will completely revolutionize the way engineers use protocol analyzers because the ‘waiting and waiting’ for large trace files to process and display is over.”

The BusXpert comes in 2 and 4-port configurations. The user can choose from native 7 pin SATA or MiniSAS x4 connectors on all 4 port units.

About SerialTek

SerialTek has quickly gotten the attention of the storage industry with its innovative product design, functionality and performance. As a focused San Jose startup, SerialTek promises to transform the industry with its innovative design and technology. Customer acceptance and feedback to date has been excellent!

SerialTek is located in San Jose, CA. Company information is available at www.serialtek.com