



SerialTek's BusXpert expands SAS and SATA development and debug capabilities with BusMod Error Injector

San Jose, CA February 8, 2010. SerialTek announces the addition of the BusMod Error Injector to its product line-up of Serial Attached SCSI (SAS) and Serial ATA (SATA) development tools. The BusMod Error Injector builds on the BusXpert's [powerful GUI](#) by adding capabilities for causing errors on a live data stream. This gives the capability to test real-time error handling, system recovery, and duplication of issues seen in the field.

The BusMod Error Injector can be used in conjunction with the [BusXpert line of SAS and SATA analyzers](#) to further extend development and debug by capturing and displaying the traffic on the SAS or SATA bus. BusMod's error injection capabilities include generating random line errors, such as CRC or 8b10b encoding, changing frame data and replacing frames and primitives. This, combined with BusXpert's easy-to-use software interface, allows users to create simple or complicated error injection scenarios.

"Developers are always looking for a way to break the system," says Dale Smith, President and Chief Technical Officer of SerialTek. "BusMod gives users the chance to verify their design robustness with live traffic between real devices."

BusMod also has the capability of generating the SATA Built-In-Self-Test (BIST) frame for testing physical compliance of both hosts and devices. Used with the [Frame Error Rate Counter](#) (FERC) capability of the [BusXpert SAS or SATA analyzers](#), the BusXpert Micro and Pro systems become versatile SATA compliance test tools.

The BusMod Error Injector is currently in beta. It is available as a standalone error injector system with licensing options such as link speed, protocol, and port count.

For more information on SerialTek's BusMod SAS and SATA Error Injector, please visit:

[www.serialtek.com/busmod\\_sassata\\_errorinjector.asp](http://www.serialtek.com/busmod_sassata_errorinjector.asp)

[www.agilent.com/find/BusXpert](http://www.agilent.com/find/BusXpert)

## **About SerialTek**

SerialTek's experienced team designs test and development tools for the storage industry with emphasis on innovation.

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