

FOR IMMEDIATE RELEASE

SyntheSys Research Demonstrates three new Bit Error Rate Test Systems at CDC 2002

San Jose, California—September 24, 2002—SyntheSys Research, Inc., a leading manufacturer of test and measurement equipment providing rapid identification of errors and other problems in high-speed digital data streams for the television and telecommunications market, will demonstrate three new products at CDC 2002, being held at the San Jose Convention Center, San Jose California, September 24-226. The company's booth number is 931.

Highlighted is the BitAlyzer® BA1500, the worlds first multi-function bit error rate-based physical layer test system. This system is the first of its kind with pattern generation, bit error detection, eye pattern display, automatic jitter and Q-factor measurements, and eye mask tests all available in a single unit. This ultimate physical layer test system offers variable amplitude, offset, and logic threshold for both differential and single-ended I/O. The BA1500 supports data rates of 1Mbit/sec to 1.5Gbit/sec. In addition, the BA1500 includes the company's patented Error Analysis™ feature which assists in isolating the source of bit errors.

Also being demonstrated is the BitAlyzer BA14400B, a 16 bit/sec Parallel Channel Bit Error Rate Test System. This system operates at up to 1000Mbit/sec per channel on 16 channels and is capable of supporting variable amplitude, offset, and logic threshold for both differential and single ended I/O. The BA14400B features adjustable delay for each channel and direct data clocking without the need for a phase lock loop for clock distribution. This powerful testing system consists of a separate data generator and detector. The BA14400B also includes the advanced Error Analysis features to help isolate bit error problems in parallel channel applications.

The third new product is the BA25B. It is designed to assist communications systems designers to quickly characterize the error performance of up to 25 Mbit/sec channels, displays error correlations, provides real-time error logging and provides TTL or differential TTL interfaces. The BA25B utilizes our patented BitAlyzer® technology to locate and analyze errors in digital channels and go beyond bit error rate to provide a complete diagnostic solution. The BA25B includes a pseudo-random (or 16-bit user-defined) pattern generator and a patented Error Location Analysis™ error logging receiver and a built-in clock source.

About SyntheSys Research, Inc.

SyntheSys Research, Inc., supplies advanced digital channel error analysis instruments to the communications, recording and digital video industries. A privately held California corporation founded in 1989, the company's mission is to develop new, advanced test instruments in high-speed electronics, highly integrated microprocessors, and software. SyntheSys' patented BitAlyzer® analyzers study the location of errors in a data stream in addition to counting errors, providing more detailed information for engineers to discover the source of errors. Major global clients owning SyntheSys products include ABC (US), Allied Signal, Boeing, CBS, CNN, Fujitsu, Harris, HBO, Hitachi, Hughes, IBM, Lucent, NASA, National Semiconductors, NEC, Nortel, Samsung, Sony, Tektonix, TRW, US Air Force and the US Navy. For further information, call (650) 364-1853 or see the company website at www.synthesysresearch.com.

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