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FOR IMMEDIATE RELEASE

SyntheSys Research Introduces Revised BitAlyzer® Digital Video Analyzer AT IBC2001

Amsterdam, The Netherlands—September 14, 2001—SyntheSys Research, Inc., the leader in providing advanced digital audio-visual test and measurement equipment for the television and telecommunications markets, today introduced a redesigned version of its best-selling BitAlyzer® **DVA184C** Digital Video Test System to the European technology community. Designed for manufacturing, broadcast, networking and post-production industries. The system was demonstrated during the IBC2000 conference at the RAI Centre. The SyntheSys Research stand is located at stand No. 8.191.

CE-certified for distribution throughout the European Union, the revised BitAlyzer® has been reengineered with a brighter 256-color display for easier viewing of analysis results, a more powerful processor, and a rugged chassis for greater protection and portability.

The system performs comprehensive testing of serial digital interface (SDI) parameters and verifies compliance with SMPTE 259M and 125M, and ITU-R BT.601 and BT.656 standards. It makes automatic measurements, compares them with specifications, and displays a simple PASS/FAIL indication.

The DVA184C verifies the digital format of an SDI signal. It also performs eight conclusive format tests and complete EDH testing. Identification of errored pixels is made easy by replacement with a “hot color” value. The DVA184C monitors the SDI signal, logs format error information and stores up to 200 errored frames to its internal hard disk for offline analysis. Error trigger types include: SAV placement, invalid XYZ, invalid TRS, out-of-luma range, out-of-chroma range, wrong field or line size, and EDH error detect.

The test pattern generator and advanced signal-stressing features, including bit-error and jitter insertion, enable the DVA-184C to both stimulate and analyze serial digital signals.

The DVA184C includes 16 pre-loaded patterns for each video standard. It allows capture and storage of up to 200 custom test patterns or error event frames. Still-store features include: hierarchical cataloging, file rename, copy, and delete. The pass-through output signal can be modified by jitter insertion, bit error insertion, and signal amplitude gain.

“Since we first introduced the DVA184C in 1997,” said Bob Titus, Video Product Manager, “the product has been installed in every corner of the world. Our revised version improves the level of dependability and quality, with the added ruggedness and clarity that makes it extremely usable and portable in any situation.”

About SyntheSys Research

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, Samsung, Sony, Tektronix, 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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