

FOR IMMEDIATE RELEASE

SyntheSys Research, Inc. Introduces the MVA3000

“The ultimate Multi-Standard Video Test System at IBC2002”

Amsterdam, The Netherlands—September 13, 2002—SyntheSys Research, Inc., the leader in providing advanced digital audio-visual test and measurement equipment for the television and telecommunications markets, today debuted the MVA3000 Multi-standard Video Test System to the European technology community. Supporting both HD and SD digital video formats the MVA3000 provides the user with a complete complement measuring and monitoring tools for digital video signals.

The MVA3000 features two SDI inputs allowing the user to select between any combinations of two SDI or asynchronous serial interface (ASI) signals sources. When configured with the optional EYE pattern and jitter spectrum display, it is the only multi-standard system to offer physical layer testing of high definition, standard definition or ASI digital signals. The MVA3000 system automatically measures the waveform parameters, and tests for format layer protocol compliance to SMPTE292M and SMPTE259M. It also detects the SMPTE352 packets, video payload identification for digital television interfaces, per SMPTE291M.

The MVA3000 measuring and monitoring tools for digital video signals, including a color-coded summary format monitoring display, Error logging, Waveform monitor, Vectorscope, Data spreadsheet and optional Time code decoder and Eye Diagram with Jitter FFT displays. It has been designed with all levels of the broadcast and post production markets in mind and leveraging the superior technology found in two previous products, the HD292 and the DVA184C HD and SD analyzers.

Real-time system status indicators providing color-coded alarms, which make the complexity of error detection easy to identify. With traffic light color coding the user will easily identify whether or not their system is operating OK or an error had occurred and is no longer present or they currently have an error. To complement the error detection and logging, the optional time code decoding feature will allow the user to identify exact time and location of errors no matter which time code format they are using (RP188, RP196 or RP215).

More About Time Code

The Time code option solves two key issues in broadcast and production:

- It enables engineers and technicians to analyze the output of HD and SD recording systems, assuring perfect digital signal quality and/or identify signal errors. This assures zero-defect mastering of any full-bandwidth digital recording for television or motion picture release.

- It enables editors to pinpoint any digital clip associated with a specific production with greater speed and accuracy than any other time code system/reader (including SMPTE, RP188, RP-196 and proposed RP-215 standards).

“Simply put, this is one terrific solution for anyone involved in digital production,” said Barbara Good, chief telecine engineer for Level Three Post-production in Burbank, California. “SyntheSys has identified two crucial needs in production—digital signal purity and clip identification—and made it available to us in one system. It’s a quality piece of engineering.”

Not only is this a great tool for post-production, it will also play an indispensable role in product development and manufacturing where HD and SD multi-standard testing activities are in a state of constant change. Saving valuable space and time, relieving the need to switch standard definition test equipment over to high definition test equipment or visa versa, the MVA300 has it all and with the added touch of ASI physical layer testing.

The SyntheSys Research stand is located in the RAI Centre booth No. 8.191.

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, Fotokem, Liberty Media Group, Laser Pacific, Fujitsu, Harris, HBO, Hitachi, Hughes, IBM, Lucent, NASA, National Semiconductors, NEC, Leitch, Gennum, ToyBox, Cintel, Samsung, Sony, TRW, NHK and Philips. For further information, call (650) 364-1853 or see the company website at www.synthesysresearch.com

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