

**FOR IMMEDIATE RELEASE**

## **SyntheSys Research, Inc. Announces Availability of New Application Note for BER Testing for SFI-4**

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**Menlo Park, California, May 22, 2002** - SyntheSys Research, Inc., a leader in Bit Error Rate Testing technology announces the availability of a new application note on '*Bit Error Rate Testing for SFI-4 Applications*'. This application note was developed to assist customers evaluate how bit error rate testers are applied when measuring the performance of their SFI-4 equipped transceiver systems. The SFI-4 Application Note can be downloaded from SyntheSys Research's website located at [www.synthesysresearch.com/ber\\_sfi4.pdf](http://www.synthesysresearch.com/ber_sfi4.pdf)

Manufacturers and integrators of optical networking modules have worked together to specify mechanical and electrical interfaces in order to promote module-to-module interoperability. One such agreement is the SFI-4 standard for the OC-192 framer-to-SERDES interface developed by the Optical Internetworking Forum. This agreement also enables common bit error rate testing approaches to be developed that then apply to multiple vendors. This white paper provides background on the SFI-4 interface and presents a means for characterization of Bit Error Rate performance of transceiver systems at the SFI-4, and other similar interfaces.

### **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 and technologies in communications, recording and digital video areas. 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 customers include 3Com, 3M, Agilent, AMCC, Blaze Networks, Boeing, Cisco Systems, Corning, DirecTV, Exabyte, Fujitsu, Hewlett-Packard, Hitachi, Hughes Space and Communications, IBM, Infineon, Intel, Lucent Technologies, LightLogic, Marvell, Maxtor, Motorola, NASA, National Semiconductor, NEC, Philips Semiconductor, Quantum, Raytheon, Samsung, Seagate, Texas Instruments, TRW, Tyco, Vitesse. For further information, call (650) 364-1853 or see the company website at [www.synthesysresearch.com/](http://www.synthesysresearch.com/)

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