



12515 Academy Ridge View • Colorado Springs • Colorado • 80921
(719) 598-2801 • (719) 598-2655 fax • www.rtlogic.com

FOR IMMEDIATE RELEASE

CONTACT:

Matt Langenbahn
Project Manager
RT Logic
Tel: 719.598.2801
Email: sales@rtlogic.com
Web: www.rtlogic.com

Media Contact:

Shany Seawright
Strategic Communications Group
Tel: 240.485.1081
sseawright@gotostrategic.com

RT LOGIC'S T400TSS WAVEFORM SIGNAL GENERATOR AVAILABLE

Supports Space and Range Telemetry Simulation Applications

Colorado Springs, CO, April 24, 2008 – RT Logic, a wholly owned subsidiary of Integral Systems, Inc. (NASDAQ-ISYS), today announced the availability of its Waveform Signal Generator product, the Telemetrix® 400TSS (T400TSS). RT Logic's T400TSS is a modular, software-defined telemetry simulator and signal generator.

The T400TSS's flexible architecture supports many different missions, including testing telemetry subsystems within satellite ground stations, missile and satellite factories, and calibration laboratories, as well as command generation. The output frequency ranges include L- and S-Band RF, 70 MHz IF, and baseband telemetry and/or command data.

The T400TSS signal modulator supports virtually all popular commercial and Government telemetry (and command) signal waveforms including FM, PM, FSK, BPSK, QPSK, OQPSK (SQPSK), and SOQPSK (MIL-STD and TG). Frequency sweeping enables receiver testing against simulated dynamics. Variable output amplitudes enable testing of acquisition and lock thresholds, AGC (Automatic Gain Control) performance, and fading performance. A built-in BER (Bit Error Rate) tester with clock and data inputs, is included for standalone testing of telemetry receivers. RT Logic down converters and demodulation software/firmware are optionally available to support return link processing for loop-back or BER testing.

The T400TSS is the newest member of RT Logic's powerful line of link simulation test equipment. The T400TSS can be combined with the T400CS, T400MSP, and the T400SE to simulate and analyze virtually any space communication situation.

"The modular architecture of the system and the software-defined nature of its signal processing allow the T400TSS to support both legacy and new telemetry simulation applications with little or no new development," commented Matt Langenbahn, Project Manager in the RF and Communications Products group. "This provides our customers with an economical solution that avoids obsolescence with the advent of new waveforms in the future."

ABOUT RT LOGIC

RT Logic is a leading provider of products for ground-based applications, primarily for satellite and launch range operations. Known for exceptional innovation, performance, and support, RT Logic has delivered more than 2000 systems since its inception in 1997. RT Logic offers a complete line of Telemetrix® products used in systems for widely varied control center, ground antenna, and range applications. Since October 2002, RT Logic has operated as a wholly-owned subsidiary of Integral Systems, Inc.

ABOUT INTEGRAL SYSTEMS

Founded in 1982, Integral Systems is a leading provider of satellite ground systems and has supported more than 205 different satellite missions for communications, science, meteorological, and earth resource applications. Integral Systems was the first company to offer an integrated suite of COTS (Commercial Off-the-Shelf) software products for satellite command and control: the EPOCH IPS (Integrated Product Suite) product line. EPOCH IPS has become the world market leader in commercial applications with successful installations on five continents.

Through its wholly-owned subsidiary, SAT Corporation, Integral Systems provides satellite and terrestrial communications signal monitoring systems to satellite operators and users throughout the world. Through its Newpoint Technologies, Inc., subsidiary, Integral Systems also provides software for equipment monitoring and control to satellite operators, broadcasters, and telecommunications firms. Integral Systems' RT Logic subsidiary builds telemetry processing systems for military applications, including tracking stations, control centers, and range operations. Integral Systems' Lumistar, Inc., subsidiary provides system- and board-level telemetry acquisition products. Integral Systems has approximately 500 employees working at its headquarters in Lanham, MD, and at other locations in the U.S. and Europe. For more information, visit <http://www.integ.com>.

###