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RT LOGIC'S NEXT GENERATION RF RECEIVER AVAILABLE

Software Defined Radio Supports Space and Range Applications

Colorado Springs, CO, April [XX], 2007 -- RT Logic, a wholly owned subsidiary of Integral Systems, Inc. ([NASDAQ-ISYS](#)) today announced the availability of a next generation RF Receiver product, the Telemetry[®] 400XR (T400XR). RT Logic's T400XR is a modular, software-defined radio including transmitter, receiver, and digital signal processing unit.

The T400XR's flexible architecture supports many different mission configurations. The supported ranges of frequencies include L/S/C/X/Ku-Band RF, 70 MHz IF and baseband telemetry and/or command data. Multi-channel configurations enable capabilities such as diversity combination or multiple simultaneous downlinks or uplinks. The T400XR signal processing engine supports virtually all popular commercial and Government signal waveforms. Custom signaling waveforms can also be supported.

The standard packaging is a 2U high, 19" rack-mount unit capable of hosting multiple downconverters, upconverters, and modulator/demodulators. Units also come as 1U high for less complex architectures, and 5U high to satisfy more complex requirements. The T400XR can be controlled through a built-in front panel display and control interface or through the local RT Logic Java GUI. The GUI can also be run over the Ethernet from any standard computer.

"The modular architecture of the system and the software defined nature of the signal processing allow the T400XR to support both legacy and new receiver applications with little or no new development," commented Jim Brandt, Business Area Manager of the RF and Communications Products group. "This provides our customer with an economical solution that avoids obsolescence with the advent of new waveforms or new frequencies of operation in the future".

THE RT LOGIC T400XR, 2U VERSION, IS SHOWN HERE



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 over 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 systems and has supported over 205 different satellite missions for communications, science, meteorological and earth resource applications. The Company was the first to offer an integrated suite of COTS (Commercial-Off-The-Shelf) software products for satellite command & control, the EPOCH IPS product line. EPOCH has become a world market leader in commercial applications with successful installations on 5 continents.

Through its wholly owned subsidiary SAT Corporation, the Company provides satellite and terrestrial communications signal monitoring systems to satellite operators and users throughout the world. The Company also provides software for equipment monitoring and control to satellite operators and telecommunications firms through its Newpoint Technologies, Inc. subsidiary. The Company's Lumistar Inc. subsidiary is a provider of system level and board level telemetry acquisition products. Integral Systems has approximately 420 employees working at Company headquarters in Lanham, Maryland, and at other locations in the U.S. and Europe. For more information, visit <http://www.integ.com>.

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