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RT LOGIC ANNOUNCES RUGGED MODEM PRODUCT – THE DTR104

DTR104 System offers high performance modem capabilities in a rugged, industry-standard form-factor for ground mobile and airborne requirements

Colorado Springs, CO March 1st, 2007 – RT Logic, a wholly owned subsidiary of Integral Systems, Inc., (NASDAQ-ISYS) today announced a new low cost and rugged modem system product – the DTR104. Designed to meet requirements for both legacy modem replacement and new ground mobile and airborne applications, the DTR104 is also an ideal solution for any modem application with size, weight and power (SWaP) constraints.

Based on RT Logic’s field-proven Software-Defined Radio (SDR) technology, the DTR104 is packaged in an industry standard PC/104 enclosure. The initial implementation supports satellite receive/transmit modem functions at a 70MHz IF and baseband with BPSK or QPSK direct or subcarrier modulation. Many functional options are available – including Viterbi/Reed-Solomon decoding and spread spectrum processing. Turbo Product Code (TPC) error correction is also supported via an integrated COTS TPC SIMM-compatible device. Integrated frequency conversion to S-Band, L-Band, and other common RF bands is planned.

The DTR104 is designed for ease of use, providing options for local front-panel/keypad control and remote control via a built-in Ethernet port. RT Logic-supplied Java-based GUI control software gets you up and running quickly.

Mike Rice, RT Logic’s Business Area Manager, states “the DTR104 builds on RT Logic’s proven success in delivering software-defined, FPGA-based modem technology for national space programs and brings the benefits of that experience to the small form-factor, rugged environment market. We see the DTR104 finding application anywhere the customer needs the latest FPGA-based modem technology with low-cost, low-power, small-size, and rugged specifications.”

The fully integrated DTR104 is shown here.



ABOUT RT LOGIC

RT Logic is a leading provider of products for ground-based space 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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