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RT LOGIC'S NEXT GENERATION HIGH RATE DIGITAL TELEMETRY PROCESSOR AVAILABLE

Supports Wideband and Remote Sensing Satellite Telemetry Applications

Colorado Springs, CO, August 9, 2006 -- RT Logic, a wholly owned subsidiary of Integral Systems, Inc. ([NASDAQ-ISYS](#)) today announced the availability of their next generation high rate digital telemetry data processor, the Telemetry™ 500HR (T500HR). The T500HR provides a modular, tailorable one-box solution that ingests high rate TDM/CCSDS data, processes and stores it, and makes it available to the network for further processing. The T500HR ingests and processes multiple concurrent real-time telemetry data streams at aggregate data rates to 1.6 Gbps. The T500HR performs frame synchronization, derandomization, Reed-Solomon forward error correction, CRC error detection, data filtering/sorting, IRIG time tagging, and network data distribution for ingested TDM and CCSDS data.

The T500HR is a highly available server-class PC running a real time Linux OS with hot-swappable disk drives, Intel Xeon CPU, dual Gb Ethernet ports, RT Logic digital processor cards and ready support for today's computer peripherals such as DVDs, RAIDs, additional NICs and tape drives. The T500HR offers options for archive, playback, network data distribution, Pragmatic General Multicast Protocol (PGM), CCSDS Space Link Extension (SLE), rate buffering, network file management and alternate error detection/correction techniques (e.g. Low Density Parity Check (LDPC), non-standard RS, etc). The system is compatible with other RT Logic products, such as the Telemetry 720HDR Modem, as well as third party systems.

“The T500HR combines the flexibility of high end Dell servers with our newest high rate PCI Express digital processing board to process and archive payload data at rates in excess of 1 Gbps,” commented Jerry Meleski, Director of Control Center Systems for RT Logic. “Reed Solomon is implemented in the firmware negating the need for the EOL Reed Solomon NASA chip used by competing products.”

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 410 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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