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For Immediate Release

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RT LOGIC AWARDED SOUTH POLE TDRSS RELAY II PROJECT BY LJT & ASSOCIATES, INC.

RT Logic's Telemetry Products Featured throughout the Ground Architecture

Colorado Springs, CO, July 22, 2008 – RT Logic, a wholly owned subsidiary of Integral Systems, Inc. (NASDAQ-ISYS), today announced a contract award by LJT & Associates, Inc. (LJT Inc.) for the South Pole TDRSS Relay II Project (SPTR II). LJT & Associates, Inc. is a prime contractor for the National Science Foundation (NSF) and SPAWAR upgrade of Amundsen-Scott South Pole Station data relay link to the White Sands Complex (WSC). Scheduled delivery is mid-August, 2008.

Under the SPTR II upgrade effort RT Logic will supply several products including the Telemetry 1200HDR (T1200HDR) high data rate modem, the Telemetry 400XR modem, and the Telemetry 500HR (T500HR) high rate front-end processor (FEP).

High rate file transfers will be enabled by RT Logic's T1200HDR modem and T500HR FEP interfacing to NASA's Tracking and Data Relay Satellite System (TDRSS) Ku-Band Single Access Return (KuSAR) high rate link. These RT Logic products will combine to enable the relay of science data via file transfers at rates up to 300 Mbps.

The T1200HDR is RT Logic's latest Wideband Modem product. It employs digital receiver technology to meet multi-mission, high data rate requirements. The T1200HDR supports most of the popular demodulation schemes (BPSK, QPSK, SQPSK, and optional UQPSK and 8PSK signals). Data rates up to 1.5 Gbps are supported.

The RT Logic T500HR is RT Logic's high rate digital data processor and capable of ingesting and processing multiple, concurrent, real-time data streams at aggregate data rates to 1.6 Gbps. The T500HR performs frame synchronization, forward error correction, data filtering/sorting, PCM simulation, IRIG time-tagging, and network data distribution for ingested TDM and CCSDS data.

The T400XR is a modular, firmware defined modulator, receiver, and digital processing unit. With firmware-defined waveform processing, the T400XR can be used as a replacement for legacy receiver models or for new applications. Multi-channel systems support diversity combining or multiple simultaneous downlinks and uplinks.

The SPTR II award is just one of a number of RT Logic's TDRSS related efforts. RT Logic has recently demonstrated systems to NASA for the TDRSS K-Band Upgrade (TKUP). RT Logic's T1200HDR supported data transfer over the KSAR link at rates up to 1.2 Gbps.

"We are very pleased to be working with LJT & Associates on an important TDRSS program." said Matt Langenbahn, RT Logic's SPTR II Project program manager, "Our goal is to make LJT & Associates successful by leveraging our extensive experience with TDRSS ground instrumentation solutions. Also, with our solution being based on proven, off-the-shelf products with quick lead times, we can meet LJT's demanding delivery/travel schedules for their planned installations at the South Pole."

"The South Pole is a very unique environment with an ever increasing requirement for science data transmission to CONUS. RT Logic's flexible, reconfigurable, and high data rate architectures will serve as a common platform to support the growing needs of the diverse South Pole science community well into the future." said Julio Varela, LJT & Associates, Inc. SPTR II Program Manager, "LJT was pleased to select RT Logic as a critical partner in this effort. The expertise and quality demonstrated by RT Logic will make this program a success."

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 Telemetry® 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>.

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