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## FOR IMMEDIATE RELEASE

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## INTEGRAL SYSTEMS HELPS NASA MODERNIZE SPACE NETWORK

### *RT Logic Partners With Honeywell to Provide Advanced Signal Processing Modems for NASA TDRSS User Services Subsystem Replacement Program*

COLORADO SPRINGS, Colo., Jan. 26, 2010 (GLOBE NEWSWIRE) -- Integral Systems, Inc., (Nasdaq:ISYS), announced today that its wholly-owned subsidiary, RT Logic has been awarded a contract by Honeywell Technologies Solutions Inc. (HTSI) to supply narrowband and wideband modems for NASA's Tracking and Data Relay Satellite System (TDRSS) User Services Subsystem Replacement (USSR) program. RT Logic is leading a team that includes General Dynamics C4 Systems to help modernize the NASA Space Network as part of the USSR program.

NASA established USSR to address obsolescence issues and to enable support of new enhanced services including those required by Constellation, the space agency's next generation human spaceflight program. USSR requires both low rate and high rate modems and their associated test equipment to support both legacy and future Space Network Users. During the Qualification Phase, RT Logic will supply Telemetry® 400XR's (T400XR) for the narrowband modem and test equipment and Telemetry 1200HDR's (T1200HDR) for the wideband demodulator and test modulator. Honeywell expects to complete the development and on-site integration by March 2011.

"We are extremely pleased to be working with Honeywell and General Dynamics C4 Systems on USSR," said Chris Badgett, RT Logic's USSR program manager. "USSR presents a unique set of challenges for modem development as well as test and integration. Working closely with Honeywell and General Dynamics C4 Systems, we will be able to leverage their extensive TDRSS experience, especially during design and system checkout."

The RT Logic T1200HDR is a software-defined, Digital Signal Processing (DSP) modem that provides extremely accurate performance across a wide range of data rates. The unit combines high-speed, Analog-to-Digital (A/D) acquisition and Field-Programmable Gate Array (FPGA) based demodulation, bit synchronization, digital processing, and Forward Error Correction (FEC). Due to the flexible nature of the

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design, the RT Logic T1200HDR has the capabilities to meet the needs of both the USSR wideband receiver and the wideband test equipment.

Similar to the RT Logic T1200HDR, the RT Logic T400XR is a software-defined, DSP modem which provides many features that are tailored to TDRSS spread spectrum and BPSK, QPSK, and 8PSK waveforms, FEC, ranging, and project-specific requirements.

For additional information on the RT Logic T400XR, go to <http://www.rtlogic.com/ds-t400xr.php>

For additional information on the RT Logic T1200HDR, go to <http://www.rtlogic.com/ds-t1200hdr.php>

## **ABOUT INTEGRAL SYSTEMS**

Integral Systems, Inc., of Columbia, Md., applies more than 25 years experience to provide integrated technology solutions for SATCOM-interfaced networks. Customers have relied on the Integral Systems family of companies (Integral Systems, Inc.; Integral Systems Europe; Lumistar, Inc.; Newpoint Technologies, Inc.; RT Logic; and SAT Corporation) to deliver on time and on budget for more than 250 satellite missions. Our dedication to customer service has solidified long-term relationships with the U.S. Air Force, NASA, NOAA, and nearly every satellite operator in the world. Integral was named the Region III Prime Contractor of the Year by the U.S. Small Business Administration in 2009. For more information, visit [www.integ.com](http://www.integ.com).

## **ABOUT HONEYWELL TECHNOLOGIES SOLUTIONS INC.**

A wholly-owned subsidiary of Honeywell International (NYSE:HON), Honeywell Technology Solutions Inc. (HTSI) provides a range of services for government customers in management, space systems and services, engineering, Defense logistics, staff augmentation, calibration, information technology and cyber security. Headquartered in Columbia, Md., HTSI employs 5500 people working at key customer sites, including NASA facilities and Department of Defense installations, across the country and around the world. Leveraging the Honeywell Operating System, a leading edge quality program, HTSI effectively partners with its customers to achieve mission success ... Anytime, Anywhere.

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