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iControl Utilizes National Instruments MATRIXx Software to Improve Development Cycle and Win U. S. Department of Homeland Security Contracts

San Jose, CA, June 28, 2005 – When it comes to developing Homeland Security solutions, reducing time-to-market is critical. One Silicon Valley company, iControl Incorporated, was able to produce and validate a container tracking system design for the Department of Homeland Security in less than 6 months. One of iControl’s weapons-of-choice against would be terrorists was National Instruments MATRIXx graphical design and simulation software.

National Instruments MATRIXx software allows modeling and simulation of complex dynamic systems. The design is verified using “build a little, test a little” spiral development methodology. The MATRIXx product supports every phase of a program: system and interface requirements specification, subsystem design, software development, integration, test, and operational support. During any phase, design modifications can be simulated and subsystem specifications updated. This approach increases the quality of the end product, while reducing the program’s cost and schedule.

“Phase I of the Marine Asset Tag Tracking System was lean on time and budget,” states Diane Quick, iControl’s VP of Business Development. “iControl’s engineers have over 18 years of experience with MATRIXx and decided to use it to validate two critical design elements - tag battery life and a container’s location within a stack.”

“We used MATRIXx to model ocean waves, container ship dynamics, and power scavenging devices. The result was an optimized power management system. Additional models of the container tag’s functionality and attached sensors allowed iControl to fine-tune its innovative approach to finding a stacked container that has no GPS signal. Hundreds of off-nominal, “what if” scenarios were simulated increasing the likelihood of success in our Phase II deployments.”

iControl submitted its MATTS Phase I findings in October 2004 and was notified of its Phase II selection last November. iControl will be demonstrating their implementation of MATRIXx at the Control Design Summit at the Four Points Sheraton in Sunnyvale, CA on Wednesday, June 29, 2005.

About iControl Incorporated

iControl is a leader in remote monitoring and control via the Internet. Products include iDAC™ data acquisition and control units, iGATE™ wide-area network gateways, and iVIEW™ data fusion, display, and reporting suite of web-based tools. iControl (www.icontrol-inc.com) is headquartered in San Jose, CA.

About National Instruments

National Instruments (www.ni.com) is a technology pioneer and leader in virtual instrumentation – a revolutionary concept that has changed the way engineers and scientists in industry, government and academia approach measurement and automation.

Leveraging PCs and commercial technologies, virtual instrumentation increases productivity and lowers costs for test, control and design applications through easy-to-integrate software, such as NI LabVIEW, and modular measurement and control hardware for PXI, PCI, USB and Ethernet. Headquartered in Austin, Texas, NI has more than 3,500 employees and direct operations in nearly 40 countries. In 2004, the company sold products to more than 25,000 companies in 90 countries.

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