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Juniper Systems Allegro CX Ultra-Rugged Field Computer Integrates with National Instruments LabVIEW 8 for Mobile Test and Data Acquisition

With its ultra-rugged design, full keyboard, internal PCMCIA card slot, extended battery life and complete support for the NI LabVIEW 8 PDA Module, the Allegro CX is the ideal platform for mobile test and data acquisition solutions.

LOGAN, Utah – Oct. 3, 2005 –Juniper Systems announced today that the Allegro CX, an ultra-rugged Windows CE handheld computer, supports the National Instruments LabVIEW 8 PDA Module enabling the rapid development of rugged mobile test and data acquisition using the NI LabVIEW graphical programming environment.

“Our customers in the natural resources and industrial markets are requesting that rugged mobile computing solutions be easily developed, customized and modified to meet their ever changing data acquisition and test requirements,” said Karl Nicholas, Juniper Systems Director of Business Development. “The LabVIEW graphical development environment provides ease of application development and customization. One example of the benefit of LabVIEW 8 PDA is the addition of hardware triggered events which provide access to the function keys on the Allegro resulting in easier to use applications.”

The Allegro CX is an ultra-rugged handheld field computer running the Windows CE.Net 4.2 operating system. With a 400 Mhz Intel XScale processor, 128 Mbytes RAM and up to 1 Gbyte of non-volatile data storage, the Allegro has the horsepower required for challenging mobile data acquisition and test applications. The rechargeable 3800 mAH nickel-metal hydride battery in the Allegro provides up to five times the battery life of typical PDA. The PCMCIA card slot supports three NI data acquisition cards (6024E, 6036E and 6062E) as well as the 4050 DMM (digital multimeter) card and CAN bus cards. The Allegro’s color display is easily readable in direct sunlight. The Allegro’s two serial ports, IrDA port and embedded Bluetooth provide access to a wide variety of external devices including GPS receivers, bar code scanners, cameras, cell phones, SMS text messaging, and email.

"Front panel enhancements such as 3D Boolean and numeric controls will give Allegro CX users a more professional appearance," said Nora Tucker, NI LabVIEW PDA product manager. "Graph improvements, such as the ability to have multiple cursors on a single graph, and to create a timescale along the x-axis, offer additional customization options."

The Allegro CX is an ideal platform for all types of outdoor and industrial data collection. With an operating temperature range of -22 to +130 degrees F (-30 to +54 degrees C), the Allegro can be used just about anywhere. It is shockproof, waterproof and dustproof meeting the MIL-STD 810F and IP67 requirements. With a full

– More –

Juniper Systems Allegro CX ultra-rugged field computer integrates with NI LabVIEW 8 to provide mobile test and data acquisition solutions

Oct. 3, 2005

Page 2

alphanumeric keyboard, text and numeric data can easily be entered. Execution of programs developed using LabVIEW 8 PDA can be controlled via the Allegro's touchscreen, using the Allegro's function keys or by using the large cursor control button.

For additional information on using the Allegro CX with LabVIEW 8 PDA, check the Juniper Systems website at www.junipersys.com, call our customer service desk at 435-753-1881 or email Juniper Systems at js@junipersys.com.

About Juniper Systems

Juniper Systems Inc. (www.junipersys.com) provides rugged hand-held computing products and mobile GIS/GPS solutions for the natural resources, agriculture, industrial and mobile test and data acquisition markets. As a leading supplier of ultra-rugged field computers, Juniper Systems is recognized for superior value and quality, ergonomic designs that maximize field productivity and excellent customer service and support. Located in Logan, Utah, Juniper Systems has been delivering ultra-rugged field computing solutions around the world for over 12 years.

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 3,600 employees and direct operations in nearly 40 countries. In 2004, the company sold products to more than 25,000 companies in 90 countries. For the past six years, *FORTUNE* magazine has named NI one of the 100 best companies to work for in America.

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