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National Instruments Establishes New Electronic Design Specialty

NUREMBERG, Germany – Embedded World – Feb. 29, 2012 – National Instruments (Nasdaq: NATI) today announced the [Electronic Design Specialty](#) for [NI Alliance Partner Network](#) members with specialized skills in custom electronics. The Electronic Design Specialty identifies trusted experts for customers looking to extend and customize NI reconfigurable I/O (RIO) hardware products, including [NI CompactRIO](#), [NI Single-Board RIO](#) and [NI FlexRIO](#), to meet their application needs. For specific customer applications that require specialized I/O or a unique form factor, these partners build RIO Mezzanine Cards (RMC) for NI Single-Board RIO C Series modules using the CompactRIO Module Development Kit (MDK) and NI FlexRIO adapter modules.

“NI RIO hardware and [NI LabVIEW](#) system design software give us an off-the-shelf platform for designing advanced embedded control and monitoring systems,” said Terry Coleman Sr., president of Tecnova. “With the openness of the NI embedded platform, as part of the Electronic Design Specialty, we can further customize NI RIO hardware when customers or applications require niche features that the NI platform cannot solve, such as specialized I/O or unique form factors.”

Alliance Partners with the Electronic Design Specialty provide comprehensive embedded design services to NI customers working on advanced control and monitoring applications. Requirements for the specialty include business stability, software design capabilities, LabVIEW developer certification, expertise in NI RIO technology and electronics design and manufacturing capabilities. The following Alliance Partners are inaugural members of the Electronic Design Specialty:

- S.E.A. Datentechnik GmbH, Troisdorf, Germany
- Tecnova, Chicago, Illinois
- Cyth Systems, San Diego, California
- WireFlow, Göteborg, Sweden
- Boston Engineering, Boston, Massachusetts
- Step Automation and Test, Six-Fours-les-Plages, France

An integral part of the NI graphical system design approach, NI RIO hardware combined with LabVIEW system design software provides a commercial off-the-shelf solution to simplify development and shorten time to market when designing advanced control, monitoring and test systems. NI RIO hardware, which includes CompactRIO,

NI Single-Board RIO, [R Series](#) boards and [PXI](#)-based NI FlexRIO, features an architecture with powerful floating-point processors, reconfigurable field-programmable gate arrays (FPGAs) and modular I/O. All NI RIO hardware components are programmed with LabVIEW to give engineers the ability to rapidly create custom timing, signal processing and control for I/O without requiring expertise in low-level hardware description languages or board-level design.

Readers can visit www.ni.com/alliance/electronic-design to learn more about the Electronic Design Specialty.

Click to Tweet: New from @NIGlobal: NI Establishes Electronic Design Specialty for Integrated, Custom NI RIO Hardware *[Insert bit.ly link]*

About the National Instruments Alliance Partner Network

The NI Alliance Partner Network is a program of more than 600 accredited companies worldwide that provide engineers with complete solutions and high-quality products based on graphical system design. Since the program's inception in the early '90s, NI Alliance Partners have evolved into a global network of companies that offer system integration services, add-on products to NI software and hardware and turnkey solutions for companies spanning multiple industry and application areas. From products and systems to integration, consulting and training services, Alliance Partners are uniquely equipped and skilled to help solve some of the toughest engineering challenges. Readers can learn more about the Alliance Partner Network at www.ni.com/alliance.

About National Instruments

Since 1976, National Instruments (www.ni.com) has equipped engineers and scientists with tools that accelerate productivity, innovation and discovery. NI's graphical system design approach to engineering provides an integrated software and hardware platform that speeds the development of any system needing measurement and control. The company's long-term vision and focus on improving society through its technology supports the success of its customers, employees, suppliers and shareholders.

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