



January 31, 2011

National Instruments Releases 2011 Automated Test Outlook

Report Details Next-Generation Test and Measurement Trends That Will Impact the Electronics Industry

AUSTIN, Texas, Jan. 31, 2011 /PRNewswire/ -- National Instruments (Nasdaq: NATI) today released its [2011 Automated Test Outlook report](#), which shares findings of the company's research into the technologies and methodologies shaping test and measurement. The report details trends that apply across numerous industries including consumer electronics, automotive, semiconductor, aerospace and defense, medical devices and communications. With insight from the report, engineers and managers can take advantage of the latest strategies and best practices for optimizing any test organization.

The 2011 Automated Test Outlook is based on input from academic and industry research, user forums and surveys, business intelligence and customer advisory board reviews. With this data as its foundation, the report delivers a broad representation of the next generation of trends for meeting the business and technical challenges in test and measurement. The report is organized into five categories: Business Strategy, Architectures, Computing, Software and I/O. The major trends discussed in the 2011 report include the following:

-- **Organizational Test Integration:** Integrating validation and production test requires a focus on changes to strategy, processes, people and technology.

-- **System Software Stack:** A highly integrated software framework provides a flexible system architecture for adding measurement capability and reducing test time.

-- **Heterogeneous Computing:** Future test systems will require different types of processing nodes to address increasingly demanding analysis and processing needs.

-- **IP to the Pin:** Sharing field-programmable gate array (FPGA) intellectual property (IP) between design and test dramatically shortens design verification/validation and improves production test time and fault coverage.

To view the 2011 Automated Test Outlook, readers can visit www.ni.com/ato.

About National Instruments

National Instruments (www.ni.com) is transforming the way engineers and scientists design, prototype and deploy systems for measurement, automation and embedded applications. NI empowers customers with off-the-shelf software such as NI LabVIEW and modular cost-effective hardware, and sells to a broad base of more than 30,000 different companies worldwide, with no one customer representing more than 4 percent of revenue and no one industry representing more than 15 percent of revenue. Headquartered in Austin, Texas, NI has more than 5,000 employees and direct operations in more than 40 countries. For the past 12 years, FORTUNE magazine has named NI one of the 100 best companies to work for in America. Readers can obtain investment information from the company's investor relations department by calling (512) 683-5090, e-mailing nati@ni.com or visiting www.ni.com/nati. (NATI-G)

LabVIEW, National Instruments, NI and ni.com are trademarks of National Instruments. Other product and company names listed are trademarks or trade names of their respective companies.

Editor Contact: Julia Betts, (512) 683-8165

SOURCE National Instruments

News Provided by Acquire Media