

# NEWS RELEASE

**ADI** APPLIED DYNAMICS  
INTERNATIONAL

**For Immediate Release**

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**Contact:**

Scott James  
Vice President, Business Development  
Applied Dynamics International  
3800 Stone School Road  
Ann Arbor, MI 48108-2499 USA  
sjames@adi.com  
734-973-1300, ext 201  
743-688-0012 (FAX)  
<http://www.adi.com>

Ronald D. Baker  
Principal  
Marketing Communications Counsel, Inc.  
33316 Grand River Ave.  
Farmington, MI 48336  
rbaker@mktcom.net  
248-615-6480  
248-615-6488 (FAX)  
<http://www.mktcom.net>

**Applied Dynamics International Collaborates with National Instruments to Offer a High-Performance PXI-based rtX Real-Time Simulation Computer**

Ann Arbor, MI ... Applied Dynamics International (ADI, Ann Arbor, MI) today announced that the company collaborated with National Instruments (Nasdaq: NATI) to offer a high-performance PXI-based real-time simulation system. The PXI-based rtX will use NI high-performance, low-cost PXI hardware, NI reconfigurable LabVIEW FPGA-based I/O, ADI's ADvantage high-performance real-time simulation framework, and NI LabVIEW graphical development tools to offer a powerful real-time simulation solution.

In late 2003 ADI launched the rtX PC-based real-time simulation computer for the development and test of real-time embedded systems. The rtX leverages the ADvantage real-time simulation framework used in high profile aerospace, defense and automotive development projects for over a decade. The ADvantage real-time simulation framework uses an open architecture to offer scalable real-time simulation capability.

Since its launch the rtX has attracted worldwide attention in the aerospace, defense and automotive industries. ADI's backlog for rtX systems is currently comprised of shipments to major aerospace and defense contractors working on aircraft, spacecraft, and defense development projects.

"The PXI-based rtX is an exciting technology." Said Melissa Wright, Applied Dynamics Intl. Chief Operating Officer. "It combines high-performance, low-cost PCI-bus technology with a rugged mechanical design."

The rtX already supports the popular NI MATRIXx software suite for model-based control design. Support for LabVIEW will be launched with PXI-based rtX. The PXI-based rtX is planned to launch in Q2 2005. Backlog for pre-ordered PXI-based rtX systems is currently over \$1M.

Applied Dynamics International, a pioneer in the development, manufacture, and application of simulation and control system technology for 47 years, was founded by four members of the University of Michigan faculty in 1957. ADI is a supplier of advanced embedded hardware and software development tools for the aerospace, automotive, defense, electronics and other related industries. Headquartered in Ann Arbor, MI, Applied Dynamics International also has offices in the United Kingdom, installations in 23 countries and representatives throughout the world. Visit ADI at [www.adi.com](http://www.adi.com)

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