⊙CBS MarketWatch   Member ID: [   ]   Password: [   ]   ➜   Free membership | Special offer

News & Commentary \ Personal Finance \ My Portfolios \ Newsletters & Research \ **Investor Tools** \ TV & Radio \ Premium Products

INVESTOR TOOLS HOME   **ALERTS**   **MARKET OVERVIEW**   **INDUSTRIES**   **STOCKS**   **FUNDS**   ETFs   IPOs   **PERSONAL FINANCE**   DISC

Quotes & News:
symbol/fund/keyword   [   ]   [Quote/Chart/News ▼] ➜   Find symbol   Search News   Site Index

Applied Dynamics International's New rtX Powertrain Offers a Complete Solution for Powertrain Controller Development

10/27/2004 10:56:00 AM

🖶 E-mail this article
🖶 Printer-friendly
((•)) Create Alert

ANN ARBOR, Mich., Oct 27, 2004 (BUSINESS WIRE) -- Applied Dynamics International today announced the release of the rtX Powertrain simulator. The rtX Powertrain is a turnkey real-time simulator for the development and test of engine and transmission controllers. The rtX Powertrain combines the rtX PC-based real-time simulator, ADI's PCI-Engine board set, and an assortment of other boards to provide the computational power and electrical interfaces to develop and test advanced powertrain controllers.

"The rtX Powertrain embodies ADI's vision of the future of engine and transmission controller development," said John McIntosh, CEO of ADI. "When we began designing the rtX Powertrain we paid special attention to emerging engine and transmission technologies such as expandable crank-synchronous sensor emulation for in-cylinder pressure and ionization based control, plus 42 volt signal levels."

The rtX Powertrain includes the ability to run engine or transmission models developed using Simulink, SystemBuild, AMESim, Dymola, Statemate and other modeling tools or even to run several models combined. ADvantage run-time tools provide visibility into the inner workings of the executing model for analysis and debugging. Supported real-time signals include digital or analog crank profile generation, cam signal output, PWM output and measurement, TTL and battery voltage (up to 42 volts) digital inputs and outputs, 2 channels of selectable-transceiver CAN bus, 2 channels of crank-synchronous knock output, thermistors output, ratiometric and differential analog output, and analog input.

"Preview introductions of the rtX Powertrain into the automotive industry were received with incredible excitement," said Scott James, Director of Business Development at ADI. "We quickly learned that the industry was waiting for a tool to help bring forward the long list of engine technologies of the future. The rtX Powertrain exceeds existing tools with both computational performance and signal accuracy and is a fraction of the price. We're very excited to be a part of the future of powertrain technology."

CBS MARKETWATCH TOP NEWS
U.S. retail sales jump bolsters futures
Delta Air widens loss estimate, details restructuring
Some analysts lift earnings views on Sun Micro
Airbus may seek Europe loans for new plane
Spitzer takes on insurance industry

Demonstrations of the rtX Powertrain can be seen in the ADI booth at this year's Automotive Testing Expo in Novi, October 27th, 28th, and 29th.

A pioneer in the development, manufacture, and use of simulation and control system technology for more than 40 years, Applied Dynamics International design engineering products are used in leading real-time simulation laboratories around the world. Applied Dynamics International is a supplier of advanced embedded hardware and software development tools for the aviation, 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.

For more information, visit ADI's website at: www.adi.com .

SOURCE: Applied Dynamics International

```
Applied Dynamics International, Ann Arbor
Scott James, 734-973-1300, ext 272
734-688-0012 (FAX)
sjames@adi.com
http://www.adi.com
or
Marketing Communications Counsel, Inc., Farmington
Ronald D. Baker, 248-615-6480
248-615-6488 (FAX)
rbaker@mktcom.net
http://www.mktcom.net
```

📧 E-mail this article   🖨 Printer-friendly   📡 Create Alert