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## **Perpetuum Announces that National Instruments Adopts Vibration Energy Harvesting Solutions**

Austin, TX – May 31, 2011 – Perpetuum announced today that the National Instruments [NI WSN-3226](#) Wireless Measurement Node can be powered by Perpetuum's vibration energy harvester technology. The addition of Perpetuum's Vibration Energy Harvesting solutions offer end-users maintenance-free, fit and forget extended power advantage versus traditional "battery only" wireless sensor network offerings.

Industrial operations face the challenges of shorter reaction time to adapt to changing market demands, along with the diminishing availability of skilled labor. This increases the need for increased asset visibility, automated operation and maintenance solutions, where information can be collected, analyzed and presented easily and cost effectively.

Wireless sensing, monitoring and measurement offer the reality of additional insight into plant operations and provide maintenance operations with unparalleled cost savings and optimum efficiency advantages.

Vibration Energy Harvester-augmented power solutions minimize the maintenance, disposal, safety and life cycle uncertainty issues of battery-only power in industrial environments.

"As a leader in the wireless sensing and industrial automation market, NI is excited to offer Perpetuum's vibration energy harvesters as a solution to battery replacement for our WSN nodes," said Nick Butler, Product Marketing Manager for Wireless Sensor Networks at National Instruments. "This solution can significantly reduce maintenance logistics and costs for customers."

Perpetuum's Director of Business Development, Keith Abate, commented, "We are pleased to add National Instruments to a growing list of global automation leaders selecting Perpetuum's energy harvesting solutions to power their wireless sensor node product lines."

Perpetuum vibration energy harvesting solutions represent the evolution of power for wireless sensing and automation. To learn more about the NI Wireless Sensor Network platform and how these measurement devices can be powered by Perpetuum's Vibration Energy Harvesting technology, visit the [NI whitepaper](#).

**See Perpetuum and the NI WSN-3226 at Sensors Expo June 7-8, 2011, Booth 920**

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### **About Perpetuum**

Perpetuum ([www.perpetuum.com](http://www.perpetuum.com)) is an award winning designer and manufacturer of the world's most powerful electro-magnetic Vibration Energy Harvesters, enabling the growth of Wireless Sensor Nodes by providing maintenance-free, fit and forget extended power solutions. Powerful, reliable, robust and hazardous zone certified, the Perpetuum PMG is the leading choice of global OEM WSN manufacturers and Automation Leaders.

## **About National Instruments**

National Instruments ([www.ni.com](http://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 its largest customer representing approximately 4 percent of revenue in 2010 and no one industry representing more than 15 percent of revenue. Headquartered in Austin, Texas, NI has approximately 5,500 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.

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