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# Media Alert: Intel to Showcase Smart Industrial Solutions at Hannover Messe 2016

The Internet of Things (IoT) is driving a new industrial revolution. Every day, millions of increasingly smart and connected devices, data-rich industrial and manufacturing services, and cloud applications are transforming the factory floor by making better use of computing power and data to increase efficiency across assets, operations and the workforce. At Hannover Messe 2016, Intel and its ecosystem partners will showcase new solutions that will accelerate this transformation and help manufacturers realize the value of IoT for a smart future.

**WHAT:** Multiple edge-to-cloud IoT, Industry 4.0 solutions and demos

**WHEN:** April 25-29, 2016

**WHERE:** Intel Booth, Hannover Exhibition Grounds, Hall 8, Booth F09  
Hannover, Germany

## **Intel Demo Overviews:**

- **Predictive Maintenance via Vibration Analytics**

Avoid unplanned downtime – vibration data to the cloud via an Intel IoT gateway is analyzed by machine learning algorithms to help predict machine failure.

- **Functional Safety in Industrial Systems**

Prevent physical injury or damage in manufacturing systems with a robotic arm controlled through a virtual machine with safety monitoring software running Wind River VxWorks\*.

- **Software-Defined Industrial Systems Automation by Wind River**

Making better use of equipment virtualizing plant control systems results in less physical hardware and allows factories to perform maintenance and upgrades while scaling existing equipment.

- **Smarter Factories**

Smarter factories reference design features three coordinated Altera\* Programmable Logic Controllers ([PLC](#)) operating a delta-robot, RFID reader and a conveyer, connecting to an Intel-based SCADA HMI and the cloud.

### **Additional Intel Booth Partner Demos**

- [Accenture](#)\* – Connected Asset Management, a Digital Oil Field
- [ADLINK](#)/IBM \* – Self-contained Machine Condition Monitoring for Failure Prediction
- [DAQRI](#)\* – Industrial wearable, Smart Helmet
- [Dell](#)\* – SAP Smart Factory: IoT Connected Solutions and “Shop Floor in a Box”
- [General Electric](#)\* – Predix Platform-as-Service for the Industrial Internet
- [SAS](#)\* – Smart Building Analytics - an IoT platform for DR/EE

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