

## A Constant Checkup On Machinery Health

[Emerson Process Management](#) [1] has unveiled a [video](#) [2] demonstrating the technology, features and benefits of its CSI 9420 machinery health transmitter. According to the company, this wireless vibration transmitter provides:

- The monitoring of mechanical equipment, thereby delivering predictive diagnostics for improved reliability and plant safety.
- The measurement of overall vibration, in addition to PeakVue™ technology for advanced bearing diagnostics.
- The transmission of information (via Emerson's PlantWeb® digital plant architecture) over a wireless self-organizing network.
- Greater than 99.9 percent reliability of the wireless self-organizing network due to its ability to automatically adapt as devices are added or removed, or obstructions encountered.
- Availability of machinery configuration, diagnostics and alerts data in AMS™ Suite predictive maintenance software, as well as in data historians or any control system for trending and analysis with other process parameters.
- Quick, easy and economical connections to any machine.
- Cost-effective application on a range of equipment, such as pumps, motors, fans, compressors, pulverizers and many other types of equipment.
- Suitability for use by operations and maintenance personnel.
- Full compliance with the WirelessHART standard.

**Source URL (retrieved on 02/01/2015 - 8:48pm):**

[http://www.chem.info/product-releases/2009/06/constant-checkup-machinery-health?cmpid=related\\_content](http://www.chem.info/product-releases/2009/06/constant-checkup-machinery-health?cmpid=related_content)

**Links:**

[1] <http://www.emersonprocess.com>

[2] [http://www.emersonprocess.com/videos/TechDemos\\_MeasureAnalytical.asp](http://www.emersonprocess.com/videos/TechDemos_MeasureAnalytical.asp)