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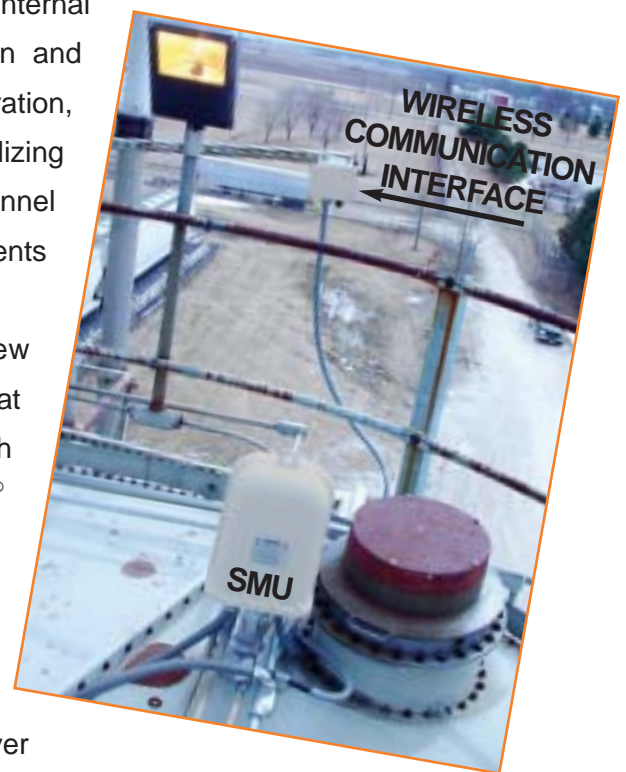
A major plastics processor is taking full advantage of Monitor's **SiloTrack**™ Inventory Management Software. This company, located in central Illinois, has an internal LAN (Local Area Network) that facilitates communication and information sharing for most personnel in the administration, engineering and product management departments. Utilizing **SiloTrack's** Server and Client software allows multiple personnel to have quick and easy access to the inventory measurements taken by the 15 SMUs located at the facility.

In addition, the system incorporated Monitor's new Wireless Communication Interface as shown in the photo at the right. The level of the plastic pellets in this 60 foot high by 12 foot diameter silo is being monitored by a **SiloPatrol**® sensor (SMU) also shown in the photo. The Wireless Communication Interface mounted on the silo rail is connected to the entire sensor network.

The easy installation of the Wireless Communication Interface allows for a direct line of sight with the transceiver located at the control point (PC with **SiloTrack** Server software installed). Wireless

communication minimizes lengthy cable runs between silos and control point, can reduce installation costs and eliminates the need to cross streets and railroad tracks with cabling or conduit runs.

This manufacturer of plastic food service containers chose Monitor for **SiloTrack's** graphical interface, multi-user LAN access and ease of installation and use. The **SiloPatrol** system with **SiloTrack** was a perfect solution to upgrading the customer's old CM-3A system. ▼



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NEW SOLIDS LEVEL SENSOR PROVIDES APPLICATION VERSATILITY



Monitor Technologies' new **VibraRod™** vibrating rod sensor provides reliable point level sensing in a wide variety of applications within powder and bulk solids markets. This easy to setup sensor requires no calibration and provides reliable solid state electronic circuitry.

The single-prong vibrating rod design utilized by the **VibraRod** overcomes typical application difficulties associated with changes in material, electrical dielectric constant, temperature or humidity. Using a single-prong probe eliminates the potential problems such as material build-up and false signaling, which are associated with dual-prong "tuning-fork" type probes.

The **VibraRod** line of vibrating rod point level sensors is offered in standard length, cable extension or pipe extension versions. The standard length version extends into a vessel approximately 9 inches (235 mm). The pipe extended version can be used to extend the measuring rod up to 118 inches (3 m) and the cable extended unit can be used to extend the probe up to about 65 feet (20 m). Each version can be provided with either a plastic or aluminum housing. All **VibraRod** units are provided with local indication using a bi-color LED and a traditional relay output.▼



LOW COST SOLUTION FOR LIQUID LEVEL APPLICATIONS

The **BulkSonic®** Low Cost Liquid Smart Transmitter is a smart, compact level transmitter. Using non-contact ultrasonic principles, the transmitter offers excellent performance and value for a wide range of liquid applications. The non-contact feature of ultrasonic technology makes these products ideal for use with corrosive or sticky materials and other factors that make contact level measurement impractical, unreliable or undesirable.

Two measuring ranges are available. The Model LST60e has a range of 33 feet (10 m). The Model LST80e has a range of 20 feet (6 m). Each unit is provided with a scalable 4-20mA output and a relay. HART® communications can also be provided.

Programming and setup of the LST60e/LST80e low cost smart transmitters is accomplished via simple touch-magnet system. A second programming option is detailed setup via HART® communications.▼



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