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**Information provided by:**  
William Brumfield, Bulk Systems & Services

**M**onitor has once again succeeded where our competitors have failed. In Long Beach, Mississippi, a vacuum cleaner manufacturer replaced Bindicator Yo-Yo units with Monitor's **BulkSonics**® ultrasonic measurement line.

Two **BulkSonics** Model IS-40B sensors have been installed on 12-foot diameter by 24-foot tall silos containing ABS plastic pellets. The sensors have been mounted on an access door. The access door is a unique installation feature that Bulk Systems offers (See September/October 2002 "On the Level" for more information). A Dual-Channel Controller was also purchased and installed.

The vacuum cleaner manufacturer was attracted to the **BulkSonics** line because of the price, performance guarantee, service and installation offered by Bulk Systems. The customer also has six functioning CM-3A units.

Installation was completed in early December. The customer reports the units are problem free and are functioning reliably.▼



# News Briefs

## NEW LIQUID LEVEL SENSOR OFFERS MANY OPTIONS

Just released, Monitor Technologies' **VibraFork**™ vibratory point level sensor for liquids provides reliable sensing in a wide variety of applications in virtually any industry.

The vibrating probe principle utilized by the **VibraFork** overcomes typical application difficulties associated with changes in material, electrical dielectric constant, temperature or humidity.

The **VibraFork** is easy to setup and requires no calibration. A high excitation frequency and a unique fork design provide excellent immunity to external vibration.

The **VibraFork** line of sensors has two versions, "Standard" and "Compact." The "Standard" version has a traditional instrument housing and provides local indication using a high-intensity bi-color LED and a relay output.

The competitively low priced "Compact" version has a compact stainless steel housing with a small local LED. A choice of outputs, solid state PNP/NPN, 2-wire AC or intrinsically safe, are also available.

The probe configurations available with either the "Standard" or "Compact" versions include the standard probe (4.9 in/125 mm), "SHORT" probe (2.7 in/69 mm) or pipe extension probe.▼



## IMPOSSIBLE APPLICATIONS MADE POSSIBLE

Monitor Technologies

LLC is proud to introduce another product for the **SiloPatrol**® Inventory Management System, the Wireless Communication Interface. With reliable and affordable technology, the **SiloPatrol**

Wireless Communication Interface can be used to lower the cost of installation and to overcome obstacles that make hardwiring impractical or impossible.

The **SiloPatrol** Wireless Communication Interface uses proven frequency-hopping spread-spectrum technology, operating in the 900MHz band. Eliminating the need for wiring, the Wireless Communication interface transmits signals from PCs running **SiloTrack**™ Inventory Management Software to individual or groups of **SiloPatrol** "smart" sensors. The 900MHz band offers greater transmission distances, better signal transmission through obstructions and lower signal loss than other possible frequency bands.

The **SiloPatrol** Wireless Communication Interface can be utilized in numerous applications and is very affordable. Using single or multiple networks, over 100 sensors can be connected with up to 16 sensors on one wireless transceiver.

The **SiloPatrol** Wireless Communication Interface is enclosed in a NEMA 4 enclosure suitable for indoor or outdoor mounting. In addition, each transceiver includes both RS-485 and RS-232 interfaces. A choice of antenna and power supply options are also available.▼

