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Information provided by:
Greg DeRudder, Monitor Technologies LLC

A manufacturer of plastic items such as boxes, duck decoys and mailboxes is using **BulkSonics**® Smart Transmitters to measure material levels in a remote vendor managed inventory application. This saves the manufacturer and the supplier of the plastic material time and money. It also helps build an enhanced working relationship between the two companies.



After the manufacturer embraced the benefits of vendor managed inventory, the material supplier purchased five **BulkSonics** Smart Transmitters for their customer's facility in Indiana and four for an additional facility in Ohio. The Smart Transmitters are on silos of varying dimensions between 30 and 40 feet tall.

BulkSonics Smart Transmitters appealed to the system designer because they are "true" continuous level measurement devices providing up to the minute inventory information. Many other types of continuous level devices only update material levels once or twice daily depending on programmed settings. Additionally, because of the display/programmer module within the Smart Transmitter, proper aiming of the sensor is accomplished without climbing the silo multiple times. With other ultrasonic systems, a single installer might have to climb the silo several times between each adjustment to see results on the controller display panel.

At both plants, the **BulkSonics** Smart Transmitters communicate with a remote telemetry system containing several components, including a modem. The vendor connects via a PC and modem at least twice a day to determine when to replenish the manufacturer's raw material inventory.▼



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COST-EFFECTIVE SOLUTION FOR INVENTORY MONITORING OF HUNDREDS OF SITES

The **BulkSonics**[®] Messenger Remote Monitoring equipment can be used to provide a PC-based interface for the **BulkSonics** ultrasonic technology at a customer's facility or to provide remote monitoring for vendor managed inventory applications.



Utilizing the XL-70 remote monitoring unit and MessengerWare software yields real-time monitoring with automatic and/or manual updates. Messenger equipment provides value-added inventory management while monitoring up to 32 analog 4-20mA inputs at each site.

The efficient XL-70 is the easiest-to-use remote site monitoring and management system available. The XL-70 is a remote monitor, an auto-dialer, a communications engine, a status reporter, a programmable controller, a data logger and more.



MessengerWare remote monitoring software works with the XL-70 to automate the task of tracking, responding to, and reporting on hundreds of remote sites. This proven software makes complex data collection tasks simple and cost-effective. Two versions of MessengerWare remote monitoring software are available: MessengerWare and MessengerWare Lite.▼

FLO-PAD HANDLES TOUGH AERATION APPLICATIONS

Monitor's Flo-Pad bin aeration device fluidizes materials in bins, hoppers and silos. The virtually maintenance free Flo-Pad uses multiple Evassers mounted on a single air plenum chamber inside the vessel for a multi-directional air release. Monitor's Flo-Pad has many advantages over other bin aerators. The Flo-Pad fluidizes materials without the noise and damaging vibration caused by pneumatic or electric vibrators. Additionally, the Flo-Pad's design prevents material backflow.▼

