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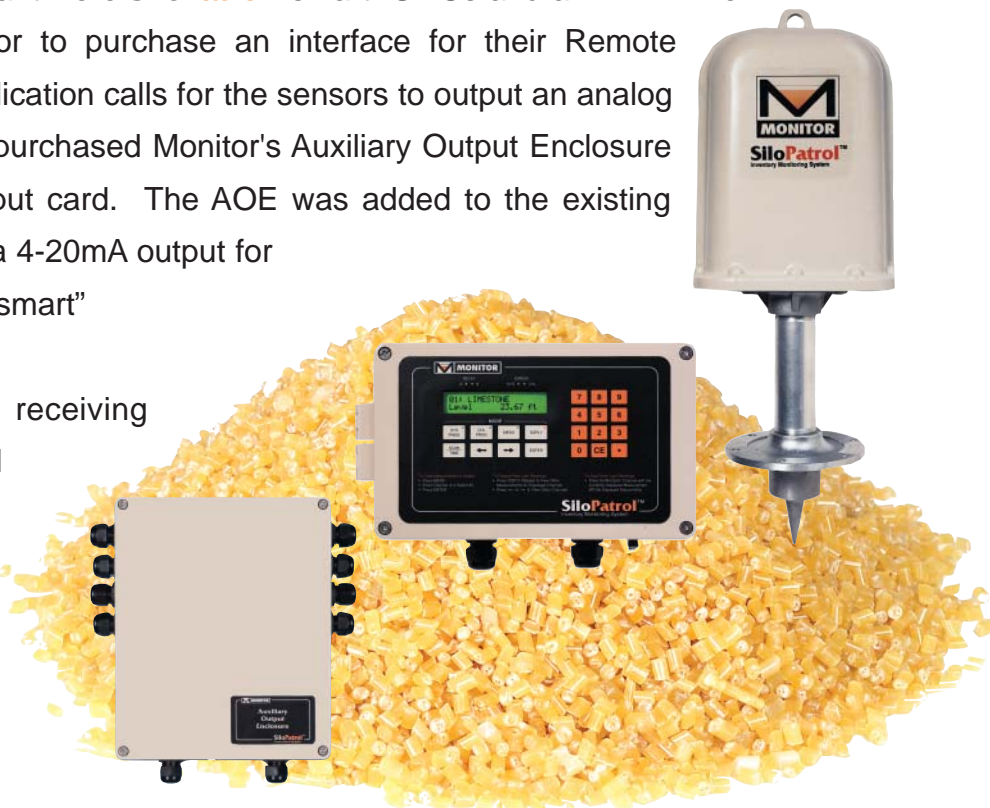
Information provided by:
Greg DeRudder, Monitor Technologies LLC

Remote inventory monitoring is often an important concern to customers worldwide. In Mexico, the **SiloPatrol**® system is fulfilling a customer and vendor's needs for reliable remote inventory management.

In order to keep a constant supply of raw material, an existing Monitor customer contacted their plastic pellet vendor. The customer asked their vendor to remotely monitor the silo inventory and supply raw material as needed. The plastic pellets are processed into plastic housings for electro-mechanical devices.

Already in operation at the plant were **SiloPatrol** "smart" SMUs and an HMI. The plastic vendor contacted Monitor to purchase an interface for their Remote Telemetry Units (RTU). The application calls for the sensors to output an analog signal to the RTU. The vendor purchased Monitor's Auxiliary Output Enclosure (AOE) with a single analog output card. The AOE was added to the existing **SiloPatrol** system and provides a 4-20mA output for each sensor within the HMI "smart" sensor network.

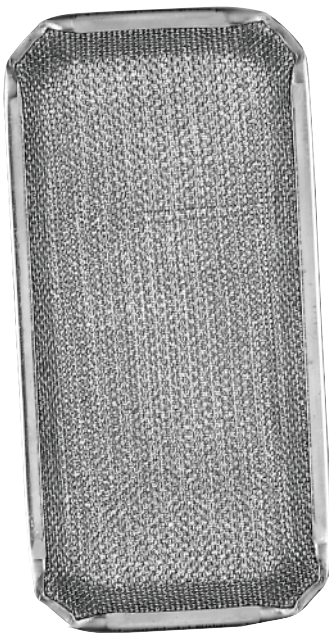
The customer is currently receiving accurate plastic pellet level information and the analog output is reliably sending material level information to the vendor's RTU.▼



News Briefs

EFFECTIVE BIN AERATION

The Monitor rectangular air pad is used to promote the flow of dry bulk powders in a storage vessel. By continuously introducing air into the body of a dry powder, the air pad is able to maintain the fluid like characteristic of aerated powder.



The Rectangular-style air pad features an effective radius of 10 inches and is available at a low cost. Other features include minimal maintenance and easy installation. The air pad also has the ability to adapt to almost any bin configuration.

An external mounting kit is available. This kit can completely eliminate the need to enter the bin to install or service air pad bin aerators. Monitor's air pad and external mounting kit can easily install in existing cutouts of other brands.

Monitor's air pad is designed for many dry powder applications including cement, resins, and carbon black.▼

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- ☐ **September/October 2002: SiloPatrol®** SMU mounted on a trap door for easy maintenance.
- ☐ **July/August 2002: TrueCap®** Model MK-2s are recommended by a neighbor
- ☐ **May/June 2002: SiloPatrol** system at a charcoal briquette plant
- ☐ **March/April 2002:** Diaphragm units in a ready-mix plant
- ☐ **January/February 2002:** Customer returns to a familiar technology, the **SiloPatrol** system
- ☐ **November/December 2001: SiloPatrol** system is recommended by a neighbor
- ☐ **September/October 2001:** Sister plant recommends **SiloPatrol**

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