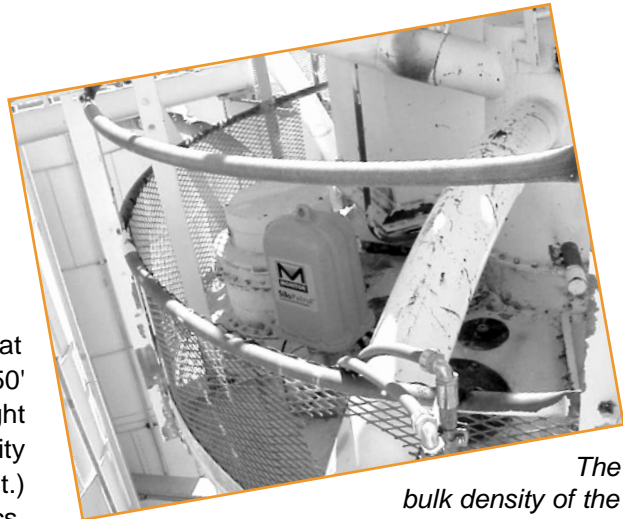


ON MONITOR THE LEVEL

July/August

2001

Information provided by:
Dave Traverso, Plant Manager
Luzenac America
Jim Stovall, Application Engineer
Monitor Technologies LLC



The bulk density of the talc in these silos at Luzenac America is approximately 50 lbs/ft³.



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Three Forks, Montana is home to the latest **SiloPatrol**® success story.

There are five SMUs installed on silos at Luzenac America. The 12' diameter X 50' high silos contain talc powder, a very light and very dusty material. (The bulk density is approximately 50 pounds per cubic foot.) The talc is used as an additive in ceramics, rubber (Goodyear tires) and paper.

The plant had, at one time, used Monitor's Model CM-3A weight & cable electromechanical systems, the unit **SiloPatrol**® replaced. The CM-3A units had to be replaced at Luzenac America because the cables were breaking and the mechanics were being fouled by the talc. Two new products were tried, a Milltronics ultrasonic system and a system from Hawk, but both systems were unable to handle the dust.

A sister plant in Sappington, Montana purchased the 4-20mA version of the **SiloPatrol**® and really liked the results. The **SiloPatrol** system was then recommended to the Three Forks plant. Luzenac America now has a more reliable, accurate tool to use to keep track of their production, usage, and inventory.

In this difficult application, **SiloPatrol**® proved to be the best when compared to two competitors and Monitor's CM-3A units. What makes Monitor's **SiloPatrol** stand out? The **SiloPatrol** cable-based smart sensor is unaffected by dust and internal bin/silo structures, unlike other technolo-

gies such as ultrasonic, continuous-capacitance, radar and light-based technologies. In addition, Monitor's decades of experience with cable-based systems has resulted in the most reliable cable-based smart sensor available. It uses a powerful direct-drive motor and maximizes pull-strength. In addition, the **SiloPatrol** inventory monitoring system is the only one available that offers the flexibility of providing analog and relay outputs along with remote display units and PC software.

The **SiloPatrol**® is also an improvement over Monitor's previous plumb bob unit, the CM-3A. Several improvements were made to the sensor. A complete redesign of cable paths and a method of capture was done to enhance system reliability. The **SiloPatrol** changed to solid state control of the motor to eliminate any need for a mechanical slip clutch. ▼





News Briefs

The Monitor Technologies' Interactive Web Experience

ELBURN, IL – On July 13th, Monitor Technologies uploaded their new and improved website at www.monitortech.com. In addition to offering a wealth of knowledge about their products, the new website has many interactive features.

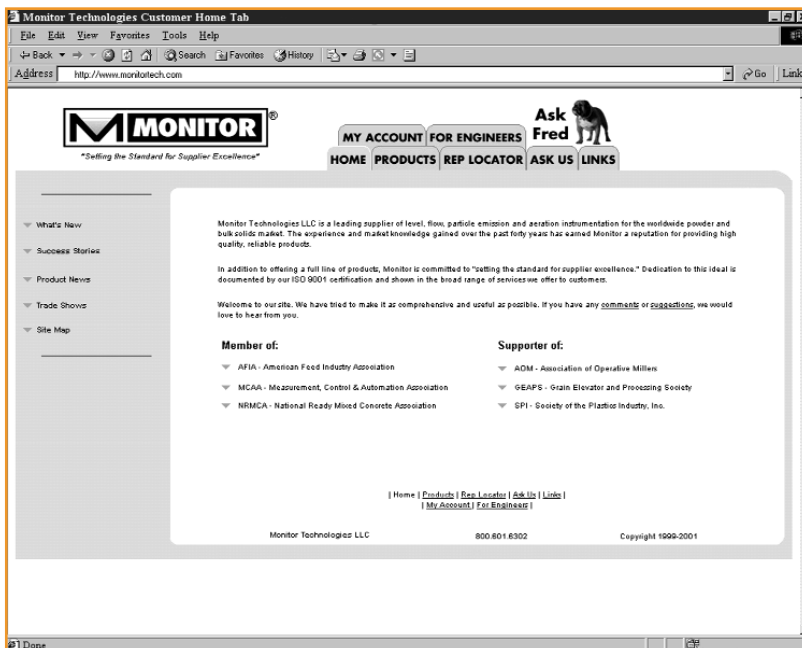
Most prominent is "Ask Fred." Fred the bulldog is the company mascot. Technical questions can be submitted to Fred via a form and users will receive a response within one business day.

Also available are six topic specific bulletin boards and seven online application questionnaires.

Engineers will be happy to learn that Monitor has created a special section just for them. In the "For Engineers" section, qualified users can access a vast amount of technical information and drawings not available to all users.

Monitor's U.S. representatives are also featured more prominently in the new site. Each Rep organization has its own home page on Monitor's site. This feature allows customers to learn more about the people they will be buying from.

A site designed specifically for Monitor's Sales Reps will be available in August.▼



Shown above is the home page for Monitor's Customer Site.

Important Note!

In August, Monitor will be launching a Sales Rep only website. To access this site you will need a unique user name and password. User names should be 4 to 6 characters and your password should be 6 to 10 characters. You can e-mail this information along with your name and Rep organization to aorson@monitortech.com or call Alex Orson at 630.365.9403. If you don't register your user name and password with Alex, you will not be able to access all of the exciting features on the new site. If you have any questions, contact Alex Orson.