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Master the art of

SMART SILOS

Smart silos, equipped with advanced sensors, data analytics, and automation, revolutionize bulk storage conditions and ensure product quality and safety. Intelligent inventory systems leverage IoT and cloud to minimize waste, enhance inventory management, and optimize processing operations.

BinCloud BinMaster's centralized software platform, collects and presents data from continuous level sensors. It includes easy-to-understand graphical reports for multiple silos in one, or more, facilities. Intelligent silo systems eliminate the need for risky manual measurements, offering real-time level measurements and allowing administrators to delegate tasks with emailed reports.

Bulk monitoring tech makes silos smart

Smart silos use advanced technology to monitor and optimize storage conditions. They employ sensors, data analytics, and automation to ensure product quality and safety. Cloud technology, IoT and level sensors reduce waste, improve inventory management, and enhance the efficiency of processing operations, benefiting producers and consumers.

The quest for safety, efficiency, productivity, and sustainability never ends. That's where intelligent, or smart silos, come into play. These revolutionary inventory systems offer critical data for decision-making, helping processors prevent losses, tackle pests, stem moisture issues, and optimize operations.

Intelligent bulk storage silos, bins, and tanks coupled with Internet of Things (IoT) technology collect crucial data on material levels, temperature, moisture, and more.

"We're seeing a convergence of technology for these silos and bins," said Mike Mossage, BinMaster VP US East. "Early on, we developed BinCloud to become a host for all the continuous level sensors that are part of a smart silo system." Mossage said BinCloud pulls data, no matter the manufacturer, and provides an easy-to-understand graphical report of conditions in each vessel. He said one BinCloud report will display all silos in one facility, or even multiple facilities.

Optimal conditions are programmed in a central monitoring system. Even control systems, like chutes and conveyors, benefit from sensors that prevent overfills or production stops.

BinMaster intelligent silo systems eliminate risky climbing to measure vessels. They provide up-to-date level measurements of key ingredients in production. BinCloud software allows a company administrator to delegate the monitoring of silos to specific people and even provides emailed reports on bulk material levels and use.

Every operation is unique, so BinMaster experts walk along the automation journey with customers to maximize the full capabilities of an intelligent bulk material system.

References

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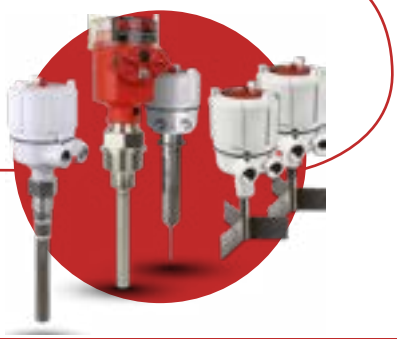
KEYWORDS
bulk materials, bulk inventory, silos, digital transformation, blk flow, cloud inventory, monitor app

OBJECTIVE
Learn how BinMaster sensors turn a silo into a smart silo technology wise.

CONSIDER
Digitial tools on silos pull information to a phone or PC for smart decisions on ordering, silo capacity and trends..

https://www.binmaster.com/sales-inquiry-form



Continuously measure with radar or 3D Level Sensors. Data moves to the cloud available on BinCloud.

BinCloud software shows levels in bins and records material use history and provides a trendline for strategic ordering.

Point-level technology indicates where material sits in the silos. These sensors can start and stop processes or signal an alarm to prevent overflows.