

Crop Storage

New control system puts potato store in your pocket

Crop Systems has launched its SmartStor control system that enables users to monitor and manage potato stores via their smartphone or tablet anywhere, anytime.

The company says the system can replace any make of controller giving a “new” brain to manage existing older storage equipment. It continually monitors all aspects of potato store and issues alarms to users if anything goes outside pre-selected parameters.

Operators can log into the store and apply appropriate changes remotely as if they were in the store – or they can arrange human intervention to solve the problem. Air quality is tracked using CO₂ accumulator software with a view to resolving any storage long term issues.

With most new stores fitted with solar panels, and monitoring of ambient conditions, SmartStor

helps optimise the way energy is used to reduce mains electricity consumption. The system enables energy produced on one store to be transferred to manage adjoining stores.

The system also offers a “Lone Worker Alarm” using a swipe card or keyed entry system. This will issue an alert if any the worker fails to log out from the store within a given time, and triggers a visual alarm on site.

“Our new system offers operators total control of their stores from their pocket, and manages and logs all store visits of users, this increases awareness in the

unlikely event that store visits have been missed,” said Ray Andrews, from Crop Systems.

“Store managers will have complete peace of mind because they will know their crops are being stored in optimum conditions, and the store itself is operating as cost efficiently while reducing financial risks.”

The system generates automatic reports daily to email or text to all users showing current status of temperatures and equipment status. “If storage equipment fails, the system will give you the information to take control before crop quality is compromised.”

A three-year warranty includes sensors and offers full data recording and graphing which can also be examined remotely. Apart from the internet charge, no other costs or subscriptions are needed to use the service.

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