Monitor your Silo Levels from anywhere with Arcoflex Remote Monitoring

arcoflex

"remote monitoring and control for agriculture and industry"

Remotely monitor stock feed or grain levels in your silos from your favourite web browser on any PC, tablet or smartphone. Never run out of feed again and never suffer waste from over filling.

Our real time monitoring systems have helped our clients by automatically ordering refills or providing alerts that it is time to do so. You will no longer need to routinely send staff up the top of the gantry to check on levels, and at all times you will have an accurate guide as to how many tonnes are left and how many days remain until empty.

What Makes Arcoflex Gateway Remote Monitoring System More Powerful and Cost Effective than its competitors?

Our remote monitoring systems use the Microsoft Azure Cloud Platform to collect, analyse and disseminate data in real time from anywhere. Dashboards can be customised to your specific farms requirements and will scale and adapt to suit your operation. You can have one silo or many. Developed with state-of-the-art computerised sensors and sophisticated Cloud based aggregation tools, Arcoflex is the silo management solution of choice and has the following capabilities:

- Displays tonnes remaining
- Displays predicted days to empty
- Monitors and displays usage rates
- Monitor delivered tonnage
- Set a re-order level for manual alerts
- Option to send a re-order request to a nominated supplier
- Long term trend analysis of contents usage rates, refills and tonnes used
- Optional accounting outputs based on delivered or ordered tonnage
- Easy to install and fully remotely configurable

- Built in internet access – no local network required

"Their remote monitoring system has provided us with complete ease of mind by being able to monitor feed levels from any location over the internet. The mobile phone browser access is an assurance that I would not be without today."

Clint Knight—Tanderra Dairies

Silo levels are both volume and weight based. Using commodity tables to describe density and dusting factors, Arcoflex computes surprisingly accurate tonnage reports.

In the case of feed mills, production managers are able to aggregate silo contents by product, across multiple farms. This helps with mill scheduling, improving efficiency and reducing wastage. Then, based on daily silo contents reports, the mill can devise intelligent delivery schedules, thus optimising loads.
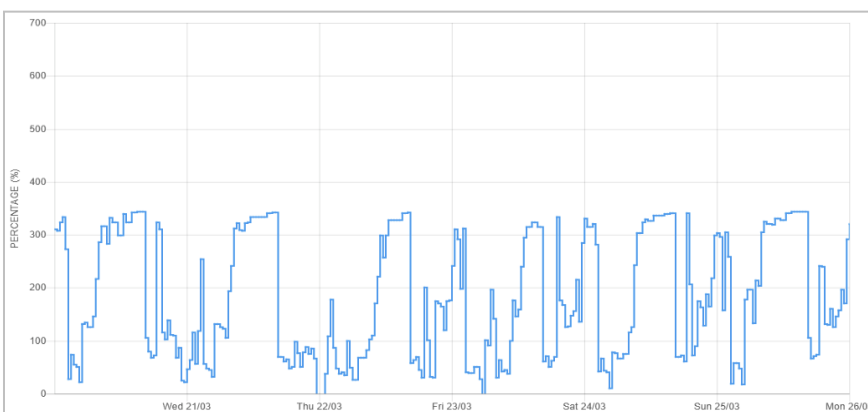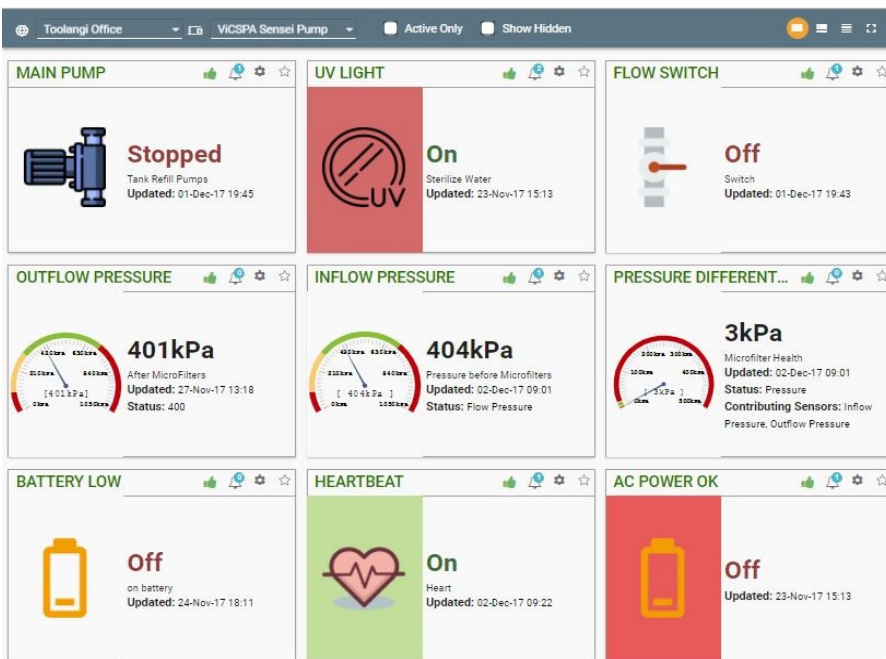
Visualisations with Arcoflex

All Arcoflex installations come with an easy to read dashboard. At a glance, monitor all configured sensors and assets. Provide real time notification of exceptions by SMS or email, giving you the flexibility to update and optimize alerts and dataflow in real time.

How it works

The Arcoflex gateway unit connects to the internet via built in GSM and provides GPS services. Each geographical site is represented in a customized dashboard. With multiple control units, sites can be managed separately or combined into aggregated units. You can report across multiple units or sensors to achieve aggregated reports for commodities or group your sensors into zones.

With customisable features and solutions for modern agricultural and industrial operations, Arcoflex can significantly reduce product and asset risk and increase productivity, and therefore, profits. Call us today on 03 9762 6155. Find out how your business can benefit using Arcoflex's combined 30 years of experience with automation and monitoring software and solutions.

For full product description visit our website: **www.arcoflex.com.au**

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- Nurseries and Hothouses
- Cool Rooms and Freezer Storage
- Curing Sheds and Open Storage
- Stock water and Bore Pumps
- Irrigation Assets, Channel Depth
- Dairies, Feed Lots and Abattoirs
- Poultry Farms
- Mills and Silo Storage
- Motor Vibration and Health
- Chemical Usage and Storage
- Power Supply Condition
- VSD and Motor Control

Specification Summary:

- 110V/240V ac mains
- Battery Backup
- 24/7 Support
- GSM enabled (3G/4G)
- LAN enabled
- 16 x Analogue Inputs
- 7 x Relay Outputs
- 7 x Digital Inputs
- SMS and email Alerts

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