

Monitor your Mill Machinery and Silos from anywhere with Arcoflex Remote Monitoring



arcoflex

*“remote monitoring
and control
for agriculture
and industry”*



Remotely monitor hammermills, pellet presses, mixers, motors, pumps, conveyors, air fans and intake silo levels from your favourite web browser. Do this on any PC, tablet or smart phone or connect in through your PLC.

Set alerts to notify of variances in machine noise in order to proactively schedule out of tolerance equipment for maintenance. The resulting impact is significantly less down time and better productivity.

Our real time monitoring systems have helped our clients by proactively scheduling preventative maintenance and thus averting catastrophic breakdown. You will no longer need to routinely send staff to check and listen to motors for failing components. Get accurate reports predicting when failure is likely to occur.

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, analyze and disseminate data in real time from anywhere. Dashboards can be customised to your specific mill requirements and will scale and adapt to suit your operation. You can have one vibration sensor per motor or many. Developed with state-of-the-art computerised sensors and sophisticated Cloud based aggregation tools, Arcoflex is the asset management solution of choice and has the following capabilities:

- Monitor total noise levels/variances
- Monitor specific gears or bearings
- Show degradation trends in performance
- Displays predicted days to failure
- Optionally monitors and displays equipment load
- Monitor current draw and conveyor speeds
- Lower costs from reduced on-site visits by being able to

monitor equipment remotely

- Control equipment—remotely start load balancing assets or remotely shut down motors under stress
- Long term trend analysis of motor performance and load efficiency
- Optional inputs and outputs from the plant PLC
- Easy to install and fully remotely configurable
- Built in internet access – no local network required

An advanced option with Arcoflex is the ability to control motors and conveyors. You can remotely switch off equipment suffering undue load or exhibiting faults.

“Knowing that our hammermill was degrading allowed us to pro-actively replace hammers before catastrophic failure. This saves us around 8-10 hours of lost production time each fortnight by being able to schedule critical maintenance during routine down-time.”

Rice Mill—Northern Victoria

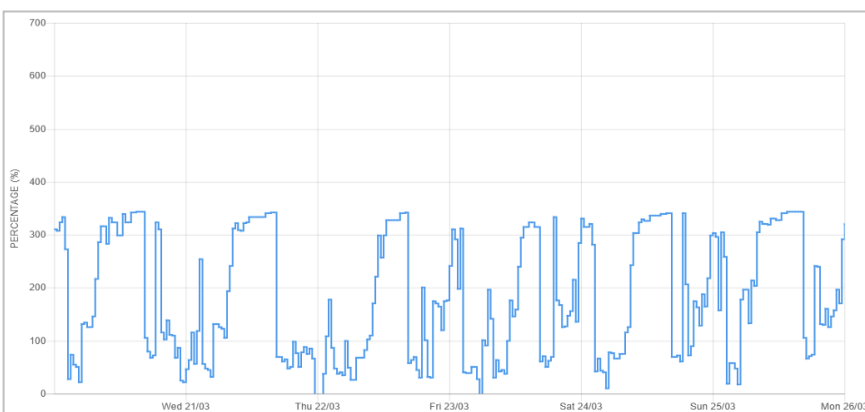
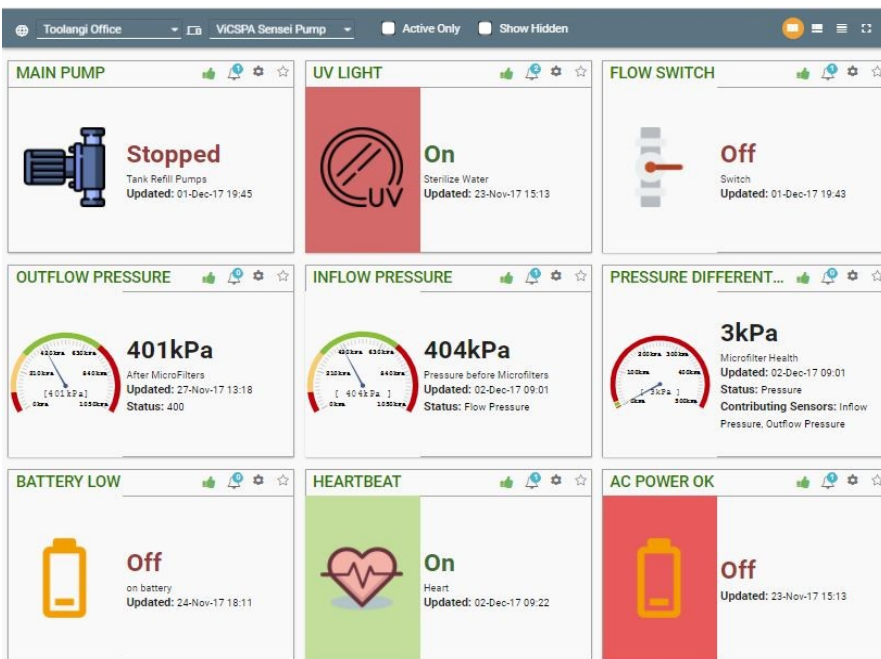


Visualisations with Arcoflex

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 7475. 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 Hot Houses
- Cool Rooms and Freezers
- Silo Levels and usage rates
- Water Tank Levels
- Irrigation Systems
- Abattoirs and Feed Lots
- Mills and PLC Integration
- Dairy Vat Temperature
- Water Pump Pressure
- Motor Vibration and Health
- Power Supply Condition
 - Phase Variance
 - Voltage Spikes
 - Load and Cost Monitoring

Specification Summary:

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



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