

Monitor your Poultry Farm from anywhere with Arcoflex Remote Monitoring



arcoflex

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



Remotely monitor layer and grower shed temperatures and stock feed levels from your favourite web browser on any PC, tablet, or smart phone. This will ensure sheds are kept at optimal temperatures to avoid stress to chickens and hens. Stock feed levels can also be maintained and wastage avoided due to overfilling. Monitor air flow, humidity and CO₂ levels at the same time.

Arcoflex real time monitoring systems have helped our clients by automatically ordering silo refills or providing alerts that it is time to do so.

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 poultry farm management solution of choice and has the following capabilities:

- Display shed temperatures
- Monitor water supply pressure
- Displays feed tonnes remaining
- Displays predicted days to empty for each commodity
- Monitors and displays usage rates for each commodity stored
- Monitor delivered tonnage to silos
- 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
- Optionally monitor shed CO₂, temperature and humidity
- Easy to install and fully remotely configurable
- Built in internet access – no local network required
- Group assets (sheds and silos) for aggregated reporting

The heart of the system is a silo level monitoring capability that allows for additional sensor inputs. This can involve the shed monitoring already mentioned or other critical farm assets: pumps, conveyors, circulation fans and more. In fact, any electrical asset the farm relies on for daily operation. Proactively monitor the electrical health of these assets and detect deterioration before it causes production time losses.

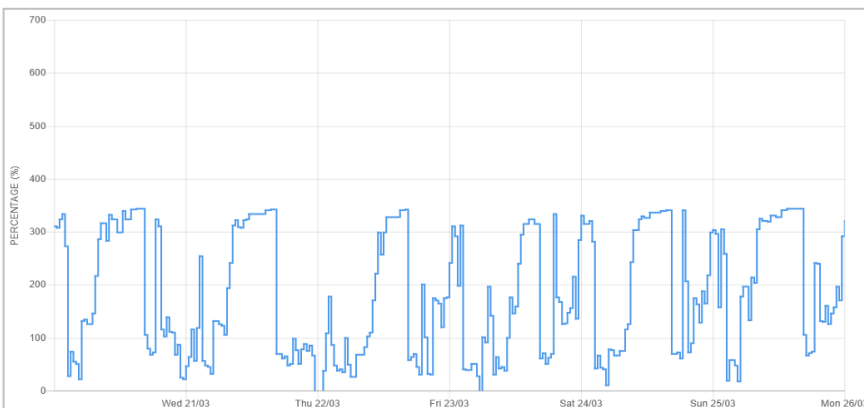
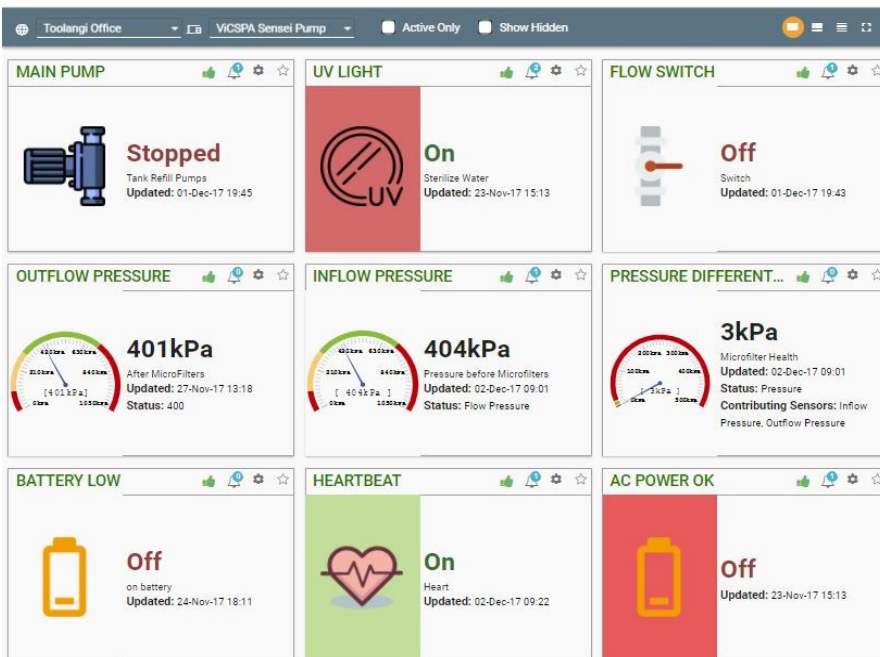


Visualisations with Arcoflex

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
- VSD and Motor Control

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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