

Monitor your Power Supply and Utilities from anywhere with Arcoflex Remote Monitoring



arcoflex

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



Remotely monitor your electricity supply and log all unexpected variations, from any PC, tablet or smart phone.

Set alerts to notify of unusual phase variances, earth spikes and other supply irregularities. Protect against failing contactors and breakers, or where motors cause local supply imbalances. Get early warning of imminent failures.

Our real time monitoring systems have helped our clients in remote locations by proactively monitoring supply conditions and providing recorded evidence to argue with electricity supply utilities. This is very useful where single to three phase converters are deployed or where varying load conditions create unexpected problems for supply.

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 supply requirements and will scale and adapt to suit your operation. Developed with state-of-the-art computerised sensors and sophisticated Cloud based aggregation tools, Arcoflex is the electricity supply condition monitoring solution of choice and has the following capabilities:

- Monitor voltage per phase
- Compare supply and delivery sides
- Show and record phase variations
- Monitor and record current draw per phase
- Record earth spikes
- Long term trend analysis of supply metrics
- Easy to install and fully remotely configurable
- Built in internet access – no local network required
- Record load utilisation across your farm and predict or evaluate actual supply costs

“We were burning out motors, we believe from phase imbalances and earth spikes but the utilities refused to accept this. It wasn't until we were able to record supply voltages and conditions that we could prove the real reasons for equipment failure. Arcoflex paid for itself in the first week.”

Pivot owner—California, USA

Especially with phase converters, it can be instructive to monitor loads on all phases and track this historically for performance management purposes. For some installations it would be desirable to turn off an output or even the inputs of assets go rogue or are causing supply problems through faulty equipment. Arcoflex gives you that capability.

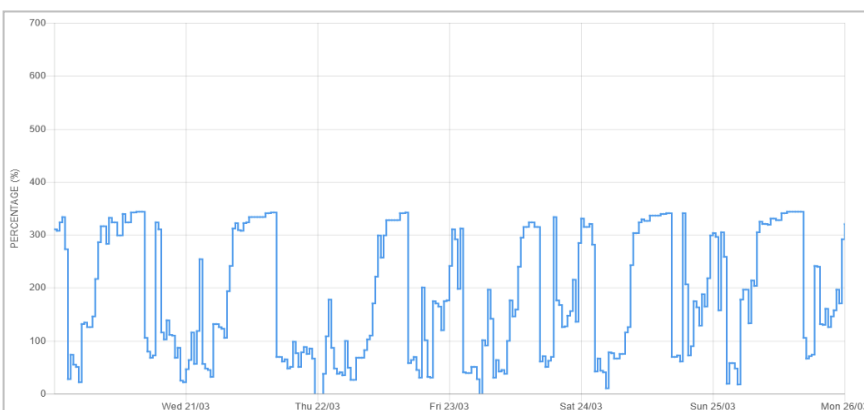
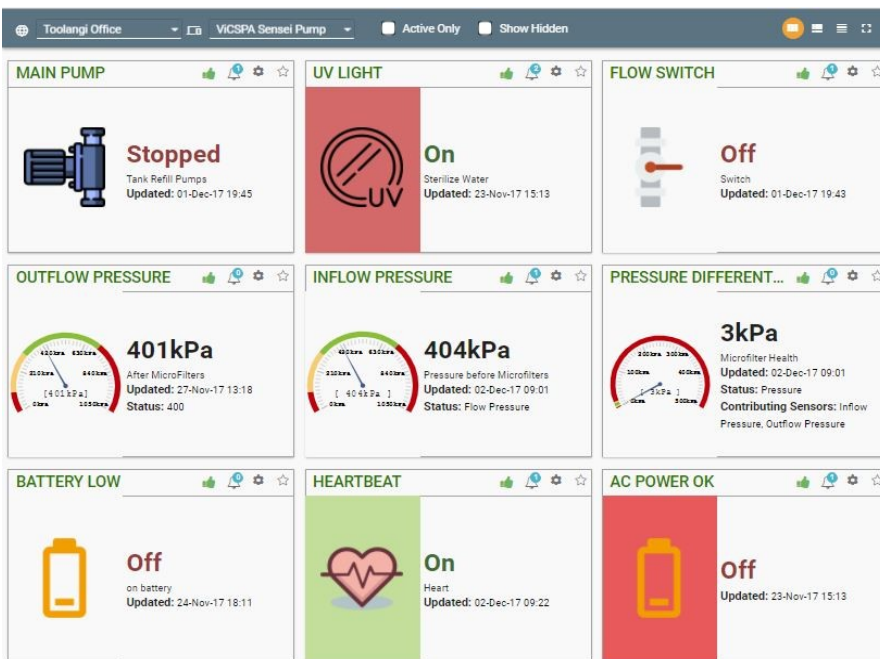


Visualisations with Arcoflex

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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