Monitor your Solar Pumps, Irrigation and Filtration systems from anywhere with Arcoflex Remote Control and Monitoring

arcoflex

"remote monitoring and control for agriculture and industry"

Remotely monitor solar pumps, irrigation and filtration systems from your favourite web browser on any device or smartphone. Monitor motor health, intake blockages, filter health, backwash efficiency and delivery flowrates, all while receiving proactive alerts for out of tolerance irregularities.

Our real-time monitoring systems have helped farms reduce crop and stock loss due to water supply problems, equipment failure, filtration issues or power outages. Owners are alerted to out of tolerance situations in real time with on-site staff alerted to such things as pump break-downs, water leaks, power outages and water levels and usage rates in tanks.

Arcoflex can also automate VSD motors where this is useful. For example, control an irrigation pump by monitoring delivered water pressure or soil moisture.

What makes Arcoflex Gateway remote monitoring system more powerful and cost effective than it's competition?

Our remote monitoring systems use the Microsoft Azure Cloud Platform to collect, analyse and diss-eminate data in real time from anywhere. They can be customised to your specific farms requirements and will scale and adapt to suit your operation.

You can have one irrigation system or aggregate many. Developed with state-of-the-art computerised sensors, and sophisticated Cloud based collection and aggregation tools, Arcoflex is the irrigation monitoring solution of choice. Options include:

- **Monitor pump running and down time**

- **Remote start and stop and even speed control**

- **Outflow valve control to stop water loss or to divert water to different tanks**

- **Inflow and outflow pressure monitoring (for inlet blockage and outflow leak detection)**

- **Immediate notification of faults, power outages and water flow problems.**

- **Pump and motor health monitoring**

- **Solar array health monitoring**

- **Stock tank depth, including limit detectors, and water usage rates**

- **Bore depth and drawing rate**

- **Stock trough camera monitoring—stop driving around your pumps—remotely monitor them!**

Use Arcoflex monitoring to compare water usage year-on-year and report on daily usage. Advanced installations include the ability to remotely start redundant systems or run-off and auxiliary pumps. Save money by reducing site visitation.
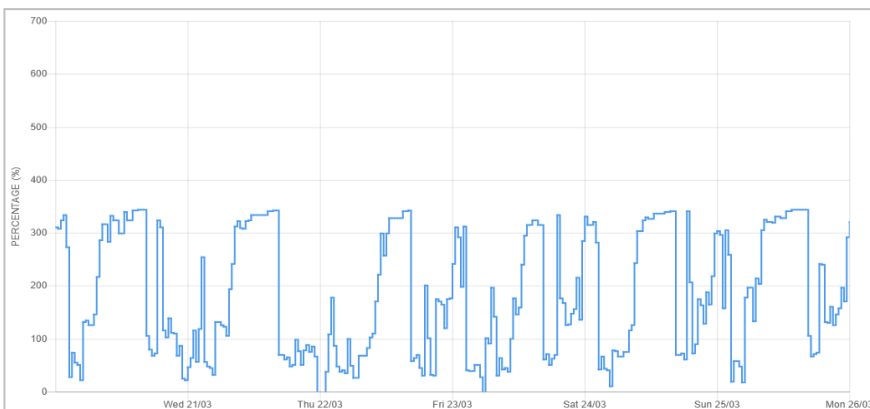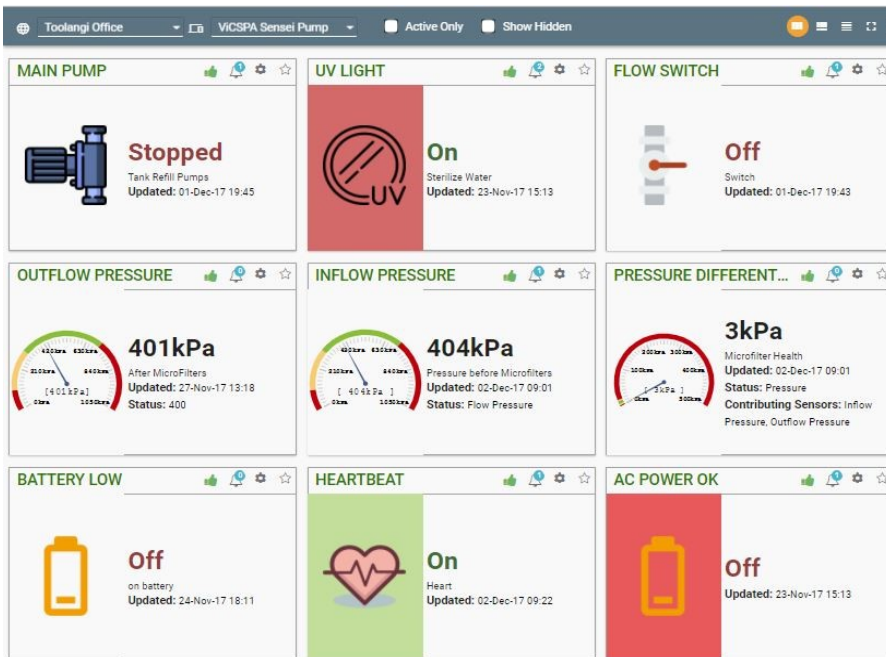
Visualisations with Arcoflex

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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