

Monitor your Irrigation and Filtration system from anywhere with Arcoflex Remote Monitoring



arcoflex

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



homegiraffe.com

Remotely monitor irrigation and filtration systems from your favourite web browser on any PC, tablet or smartphone. Monitor filter health, backwash efficiency, and sterilising units, all while receiving proactive alerts for out of tolerance irregularities.

Our real-time monitoring systems have helped farms reduce crop 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 line leaks or blown steriliser bulbs, before they leave the farm.

Arcoflex can also control VSD motors by incorporating feedback. For example, control an irrigation pump by monitoring delivered water pressure.

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 disseminate 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 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. It has the following capabilities:

- Displays current system state: water flow, filter health and sterilizer state
- Monitor microfilter pressure differentials.
- Monitors line pressure to alert for leaks or line loss.
- Record delivered water volume and chart long term usage trends.
- Record pump activations: when, how often and why

- Monitor mains power availability
- Set monitoring levels for your designed alerts.
- Long term trend analysis of flow, filter efficiency and steriliser life
- Easy to install and fully remotely configurable
- Built in internet access – no local network required
- Control pumps remotely
- Save electricity and water

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 auxiliary pumps.

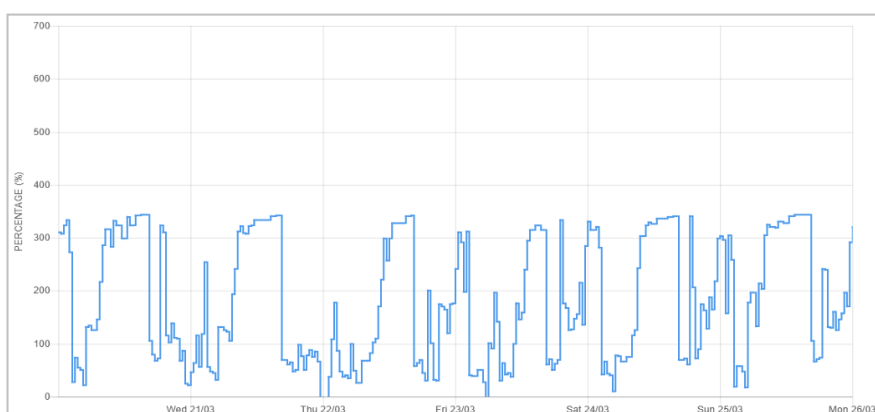
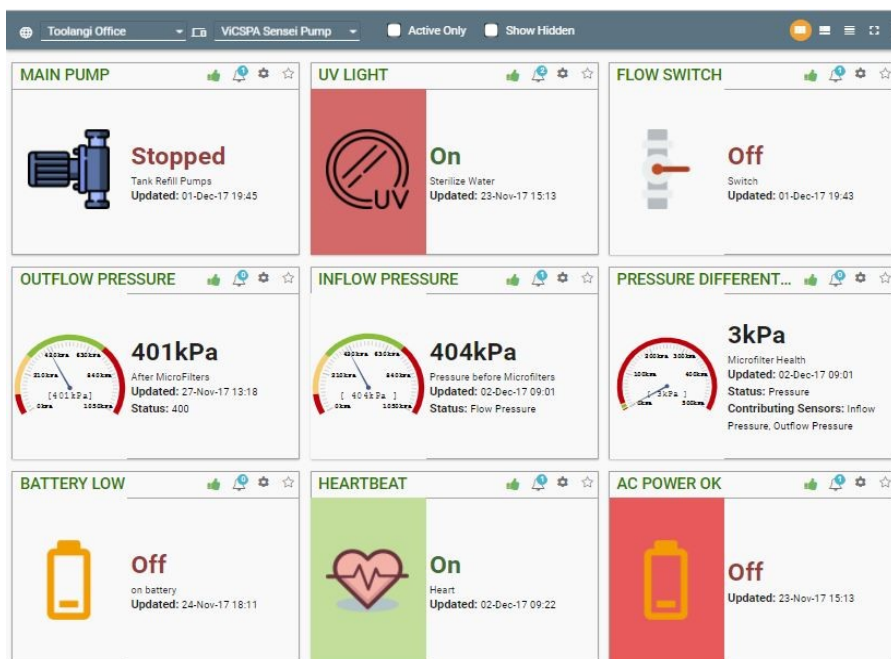


Visualisations with Arcoflex

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



**"remote monitoring
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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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