

Monitor your Hothouse or Nursery from anywhere with Arcoflex Remote Monitoring



arcoflex

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



Remotely monitor growing conditions and equipment state in of your nursery or hothouse from a standard web browser on any PC, smartphone or tablet.

Our real-time monitoring systems have helped our client's avoid suffering plant loss and sub-optimal growing conditions due to equipment malfunction or inattentive staff with timely alerts. The automated data recording features minimise human error and the cost of manual attendance to hothouse sites. Monitor your hothouse with an Arcoflex Gateway today!

What Makes Arcoflex Gateway Remote Monitoring System More Powerful and Cost Effective than its competitors?

Our remote monitoring systems use the Cloud to collect, analyse and disseminate data in real time from anywhere. They can be customised to your specific farm needs 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 nursery management solution of choice with the following monitoring and control capabilities:

- Temperature and humidity
- Detecting fan or other electrical equipment failure
- Door or window opening detection
- Watering system or irrigation flow monitoring.
- Biosecurity airlock management and reporting
- Soil moisture recording and management
- Growing conditions tracking and recording
- Disease and fungus conducive condition alerts
- Monitoring equipment and power failure
- Long term trend analysis of growing conditions
- Intelligent alert dashboards for defined conditions
- Easy to install and fully remote configurable
- Built in internet access – no local network required

Nursery Management at Toolangi, Victoria

The Victorian Seed Potato Authority is using Arcoflex Gateway to help manage seed potato beds in its hothouses. Being remotely located at Toolangi in the ranges north of Melbourne, the 24/7 automated monitoring of growing conditions and equipment health has reduced management costs, plant stock risk and is optimizing plant growth.

With the continual collection and storage of data it is now possible to profile optimal growing conditions and develop disease prevention strategies.

“Arcoflex have given us a way to save on labour costs by having remote monitoring sensors keep track of growing conditions. We have reduced the use of chemical sprays with proactive monitoring of soil moisture and humidity conditions. We can also now track growing condition data not possible with manual recording. Arcoflex has saved us money and increased our horticultural knowledge.”

...Dr Nigel Crump, Director ViCSPA

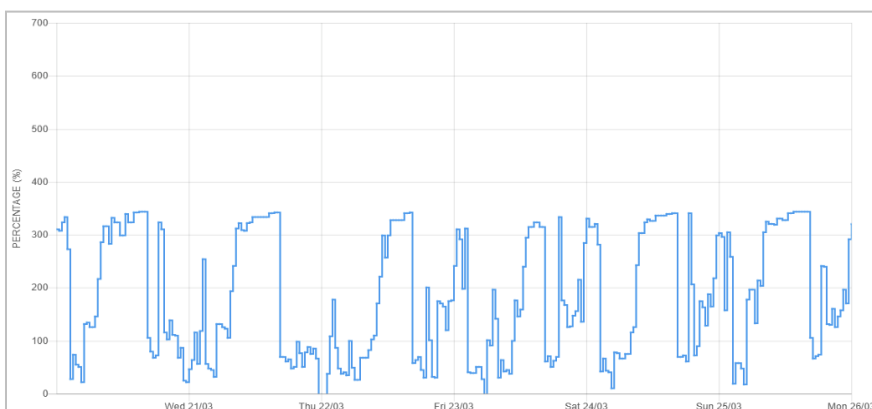
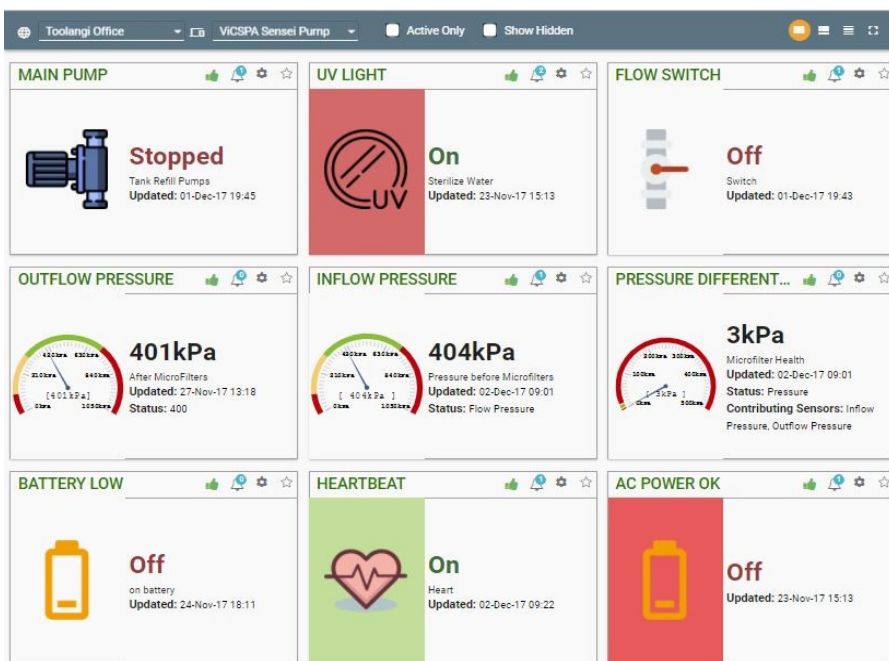


Visualisations with Arcoflex

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



- 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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