

# Monitor your Cool Rooms or Freezers from anywhere with Arcoflex Remote Monitoring



arcoflex

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



Remotely monitor cool rooms and freezers from your favourite web browser on any PC, tablet or smart phone. Monitor temperature levels, CO<sub>2</sub>, room ventilation, compressor efficiency and access. Receive proactive alerts for temperature exceptions or other irregularities.

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

Our real-time monitoring systems have helped businesses reduce stock loss or spoilage through poor door management, faulty compressors, CO<sub>2</sub> or Ethylene build up and unnoticed power failures. Users are warned of out of tolerance situations in real time with on-site staff alerted to such things as doors left open or lights left on, before they leave the premises.

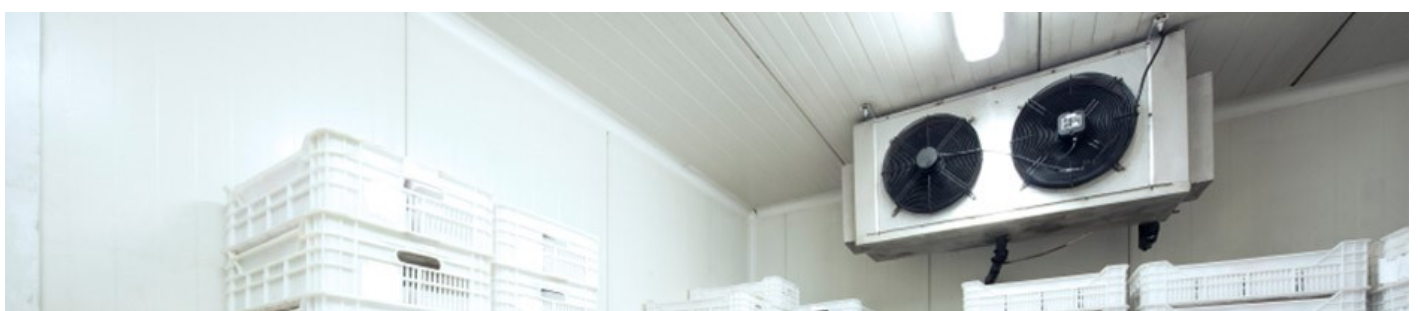
Our remote monitoring systems use the Microsoft Azure Cloud Platform to collect, analyse and disseminate data in real time from anywhere. They can be customised to suit your specific business requirements and will scale and adapt to suit your operation. Get proactive operational reports.

You can have one cool room or many. You can record multiple temperature points within the cool room. Developed with state-of-the-art computerised sensors and sophisticated Cloud based collection and aggregation tools, Arcoflex is the cool room and freezer monitoring solution of choice. It has the following monitoring capabilities:

- Current temperature and CO<sub>2</sub> levels
- Compressor pull-down efficiency
- Monitor and display door usage and open times
- Optional temperature controller
- Relative humidity (internal and ambient)
- Power supply conditions (for compressors)
- Control cooling to save electricity
- Control air exchange automatically
- Ambient temperature for differential monitoring
- Light levels (for photo sensitive plants)
- Set SMS or email alerts on all monitored items
- Long term trend analysis of temperature, door opening and compressor efficiency
- Easy to install and fully remotely configurable

Many of our clients have saved thousands from spoiled stock by monitoring CO<sub>2</sub> levels and lighting, especially with the storage of seeds and light sensitive plants. Actively monitor how often and for how long, doors are left open and prevent unexpected compressor failure.

**Call us to let our engineers show you best practices with proactive alerts and monitoring!**

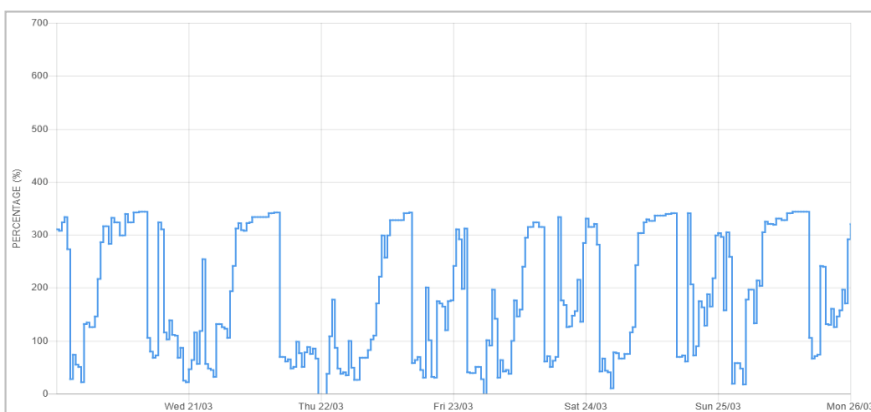
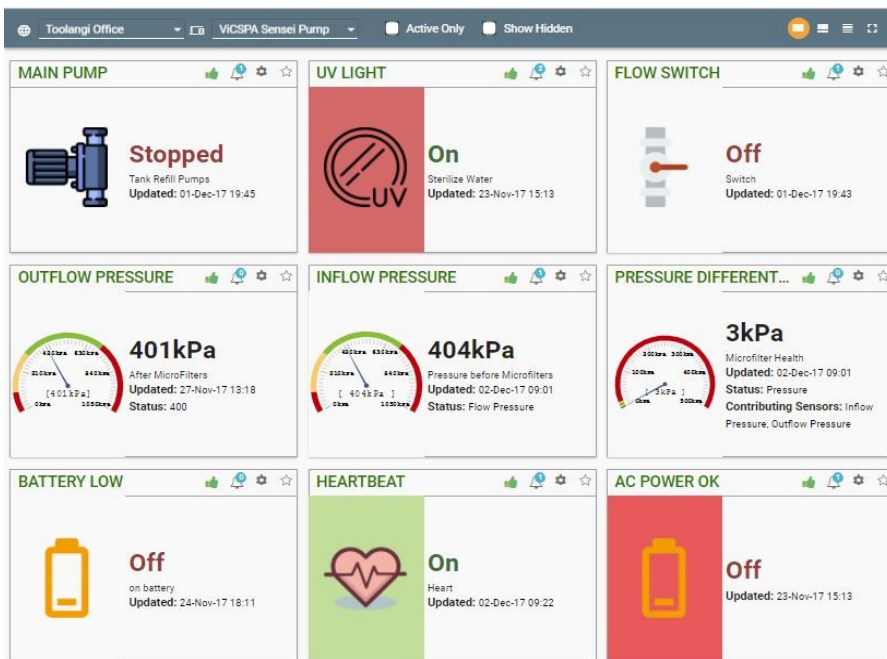


## Visualisations with Arcoflex

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](http://www.arcoflex.com.au)



“remote monitoring and control for agriculture and industry”

- 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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