

IIoT Solutions for Agriculture

Powelectrics technology allows you to identify issues remotely, protecting your livestock, crops and assets, optimising maintenance, cutting costs and freeing up human resource.

Powelectrics IIoT solutions can be battery and solar-powered, making them ideal in remote and rural environments.

Our sensor expertise encompasses level, temperature, flow, pressure, vibration, humidity, CO₂ and many more.

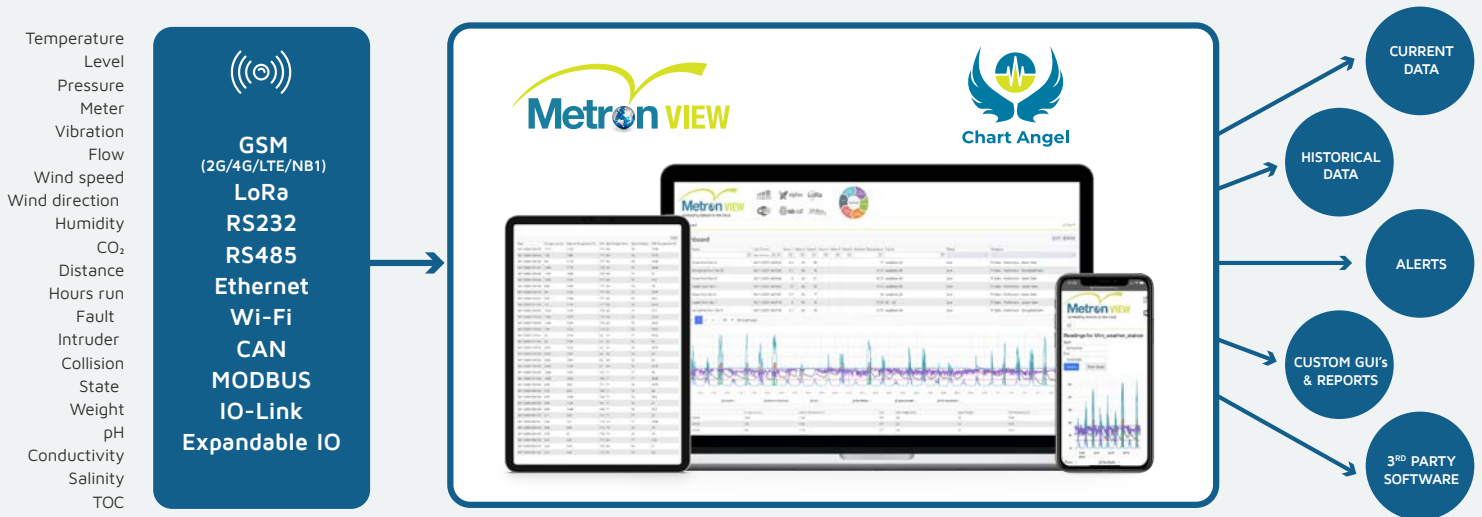
- Tank & silo level monitoring (fuel, fertiliser, feed, waste, milk) to understand usage, recognise anomalies & avoid run-outs or overfills
- Water level monitoring & management for livestock & crop protection
- Condition monitoring of plant & processes to perform maintenance before a breakdown occurs
- Supply chain management
- Metering & energy management
- Pumping station monitoring & control
- Monitoring gas emissions & effluent

Whether you need to know your chickens are warm, your cows have water, your generator has fuel, your waste needs collection or your plant needs maintenance, Powelectrics can help you!



IloT Solutions for The Environment

Powelectrics offer 30 years' experience delivering data to drive business decisions. We connect sensors to the cloud, delivering efficiencies and informing management strategy across diverse sectors and applications around the world.



Powelectrics well-proven, versatile MetronView cloud collects data from a vast array of sensors, machines and IloT devices. It gets your data flowing ... fast ... from your first step towards digital transformation to an international estate of connected assets!

Multiple power & communication options ensure connectivity in remote & rural environments.

What Our Customers Say



This solution has delivered exactly what the customer needed. Since the installation they have always known when to refill the water tank and the cows have always been supplied. The Metron technology is pretty much 'fit and forget', requiring very little maintenance. I have tested the device thoroughly. It is reliable, robust and flexible with the 4 channels.

SAM DRURY
Stork Solutions MD

CASE STUDY:
[Stork Solutions](#)



The Powelectrics kit has proved itself on numerous occasions. Their Admin team is extremely efficient and the tech support has been fantastic. When we first used the Metron technology, Tech Support talked us through the whole set up. Everything was very clear and very quick. We wouldn't hesitate to use this kit again for similar applications.

ASHLEY PROCTOR
Irrigation & Water MD

CASE STUDY:
[Irrigation & Water](#)



Powelectrics telemetry solution helps us respond efficiently and appropriately, ensuring that the process runs as smoothly and cost-effectively as possible, creating higher quality fertiliser that's easier to use. Metron has given us steady, reliable readings. We've had zero problems with the kit in-service.

MIKE ROSS
Ameram MD

CASE STUDY:
[Ameram](#)



The Powelectrics kit is just what we needed. Its robust, reliable and affordable. It came pre-configured to our requirements, can be reconfigured remotely and is intuitive to use. This telemetry is solar-powered and completely independent. When we have needed technical support, the response was great.

SIMON DAVISON
Owner of Tournesol

CASE STUDY:
[Tournesol](#)