IIoT Solutions for the Construction Industry

PowTechnology's versatile suite of IIoT solutions allows data from a broad range of sensors, machines & IIoT devices to be reported to a single, customisable platform, generating bespoke reports & alerts to ensure that construction projects are delivered effectively.

PowTechnology offers over 30 years of expertise & practical experience in instrumentation & digitalisation, delivering IIoT solutions globally.

Condition monitoring of plant & processes to perform maintenance before breakdown occurs (generators, pumps, heavy plant, security systems).

Tank, silo, IBC level & load cell monitoring to understand usage & avoid run-outs/overfills, with associated disruption & clean-up. (fuels, aggregate, additives, waste).

Metering & energy management of site equipment, temporary structures on site and within constructions.

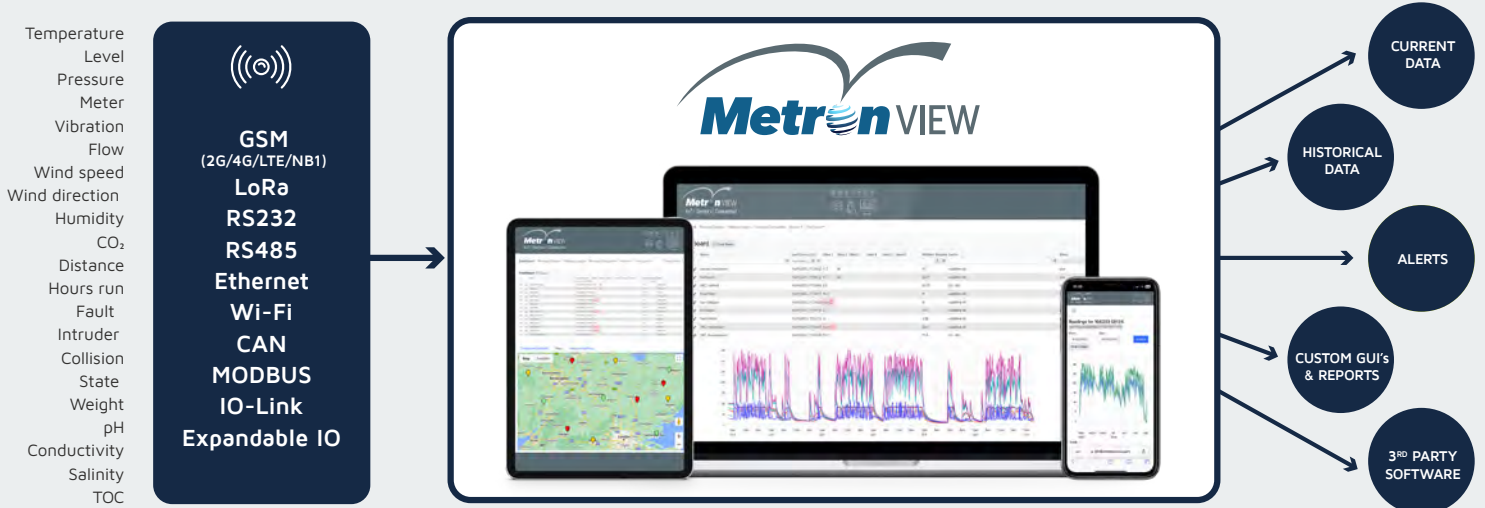Monitoring emissions of gases and effluent, to protect people & environment & comply with industry legislation.

Water level monitoring on & near sites for flood protection.

P⊕W TECHNOLOGY
IIoT | Sensors | Connected

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ISO 9001   UKAS MANAGEMENT SYSTEMS   ISO/IEC 27001   UKAS MANAGEMENT SYSTEMS   MADE IN BRITAIN

IIoT Solutions for the Construction Industry

PowTechnology's well-proven, versatile MetronView cloud collects data from a vast array of sensors, machines and IIoT 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.

Temperature
Level
Pressure
Meter
Vibration
Flow
Wind speed
Wind direction
Humidity
CO_2
Distance
Hours run
Fault
Intruder
Collision
State
Weight
pH
Conductivity
Salinity
TOC

GSM
(2G/4G/LTE/NB1)
LoRa
RS232
RS485
Ethernet
Wi-Fi
CAN
MODBUS
IO-Link
Expandable IO

Metron VIEW

- CURRENT DATA
- HISTORICAL DATA
- ALERTS
- CUSTOM GUI's & REPORTS
- 3RD PARTY SOFTWARE

What Our Customers Say

CEMEX

PowTechnology was recommended to Cemex and we have used their IoT kit over several years to derive business benefits in a number of applications. The kit is robust, cost-effective and easy to retrofit. Reliable delivery of materials is essential on construction sites. PowTechnology's solutions help us manage stock to ensure the highest levels of customer service.

ROGER TAYLOR
National Operations Manager

CASE STUDY:
Cemex

Speedy

Speedy have been using PowTechnology's IoT solutions across a range of applications for several years. Now we have hundreds of Metrons deployed. The PowTechnology team offer exceptional service and support and the kit is reliable, robust and entirely fit to purpose across a range of industrial environments. Metronview cloud is intuitive and gives us exactly what we need. PowTechnology continuously gather feedback and use that to develop the Metronview cloud to deliver further efficiencies. I wouldn't have any hesitation recommending PowTechnology or their solutions

MIKE DEROME
Head of Fuel

CASE STUDY:
Speedy

Tag Systems UK

This IIoT solution has made a huge difference to our operations. It has helped reduced costs and its improved our relationships with customers, helping us maintain site security for them and eliminating their callout costs. The reliability of the PowTechnology kit has been fantastic and their tech support is second to none! The project is paying back so quickly that our sister companies in the Netherland, Germany and Belgium plan to adopt this PowTechnology m2m solution.

BEN HURST
Tag's Engineering Manager

CASE STUDY:
Tag Systems

BD Flood
Building with Confidence

We've worked with Permark Pumps for decades and trust them as a highly knowledgeable and dependable supplier. They recommended the PowTechnology kit installed it and maintain it. I can't fault it! It does exactly what we wanted.

Tommy Bardon, Manager, BD Flood Concrete & Aggregates

TOMMY BARDON, MANAGER
BD Flood Concrete & Aggregates

CASE STUDY:
BD Flood

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