POW TECHNOLOGY
IIoT | Sensors | Connected

IIoT Solutions for Tank Level Monitoring

PowTechnology remotely monitors thousands of tank/silo levels globally. Our technology can accommodate any shape or size of tank. Contents may be liquid, gas, powder or granules.

- Save on distribution / collection / travel costs
- Improved customer service
- Differentiator – enables contract wins
- Builds longer term customer relationship
- Reduced pollution
- Better planning = fewer panics
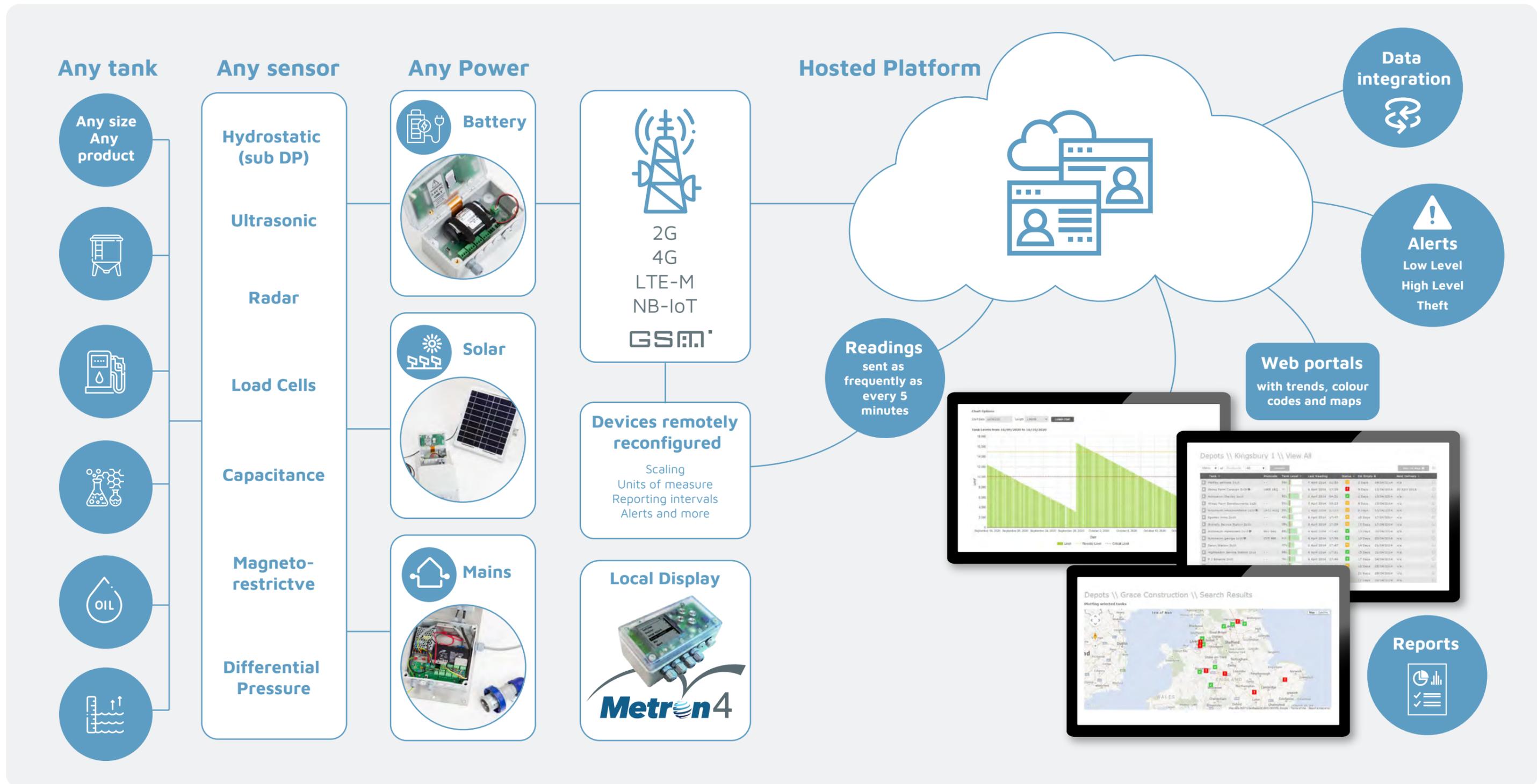- Remove risk of overspills (less mess)
- Theft & leakage detection

How Tank Level Monitoring Works

PowTechnology offers over 30 years' designing and delivering IIoT solutions which currently monitor thousands of tanks and silos around the world for the end user or as part of Vendor Managed Inventory.

Features

- Easy retrofit
- Multiple power options
- Remote configuration

- Regular data & alerts
- Multiple high/low level alerts
- Theft & leakage alerts

- To any web-enabled device
- Unlimited users
- Historical data for trends

Any tank

Any size Any product

Any sensor

- Hydrostatic (sub DP)
- Ultrasonic
- Radar
- Load Cells
- Capacitance
- Magneto-restrictve
- Differential Pressure

Any Power

Battery

Solar

Mains

2G
4G
LTE-M
NB-IoT

GSM.

Devices remotely reconfigured

Scaling
Units of measure
Reporting intervals
Alerts and more

Local Display

Metron4

Hosted Platform

Readings sent as frequently as every 5 minutes

Data integration

Alerts
Low Level
High Level
Theft

Web portals
with trends, colour codes and maps

Reports

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ISO 9001   UKAS   ISO/IEC 27001   UKAS   MADE IN BRITAIN

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Vendor Managed Inventory

Differentiate your service, winning and retaining customers, by ensuring that their tanks do not run-out or overspill, with associated consequences, such as stopped production and clean-up costs.

PowTechnology's Tank Monitoring System or MetronTMS is a platform designed specifically for customers who deliver or collect gases, liquids, powders or granules to or from their customers' tanks in bulk.

Metron TMS
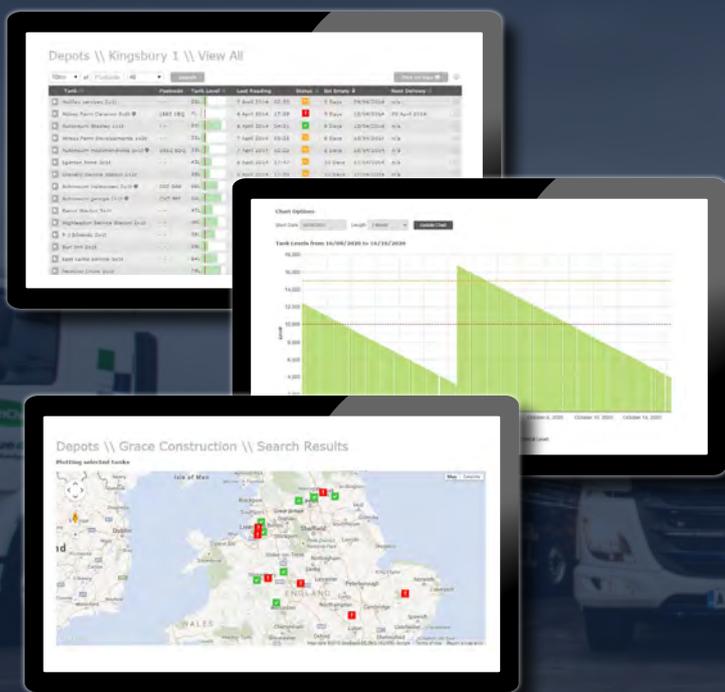
- Multiple user-defined high/low level alarms.
- 'Traffic light' colour coded postcode mapping Initiate proactive scheduling.
- Detect theft and leaks
- Detect unauthorised competitor activity
- Use prediction based on recent history
- Audit trail for trend analysis/ invoice verification.
- Unlimited users within a hierarchy

CHEMICALS

As one of Europe's largest AdBlue® distributors, GreenChem rely upon efficient logistics. PowTechnology's dependable and robust tank level monitoring solution supports that and helps us deliver exceptional customer service. PowTechnology have been our telemetry partner for over a decade, because the technology is exceptionally well-proven in many countries and we are fully supported technically and commercially.

GUY FLOCHLAY
Managing Director,
GreenChem Holding BV

GreenChem

UTILITIES & PUMPING

Speedy have been using PowTechnology 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 technology.

MIKE DEROME
Head of Fuel

Speedy

LUBRICANTS

As a global lubricant manufacturer, FUCHS Lubricants need IoT solutions that protect and enhance its brand. PowTechnology solutions do exactly that, helping us add value and drive efficiencies for our customers. The equipment provided generates accurate data collection and assists FUCHS Lubricants when managing its lubricant for multiple customers. Over nearly a decade and across a range of sectors, PowTechnology IoT kit gives us what we need, backed up by great service and support.

JULIAN POTTS
Industrial Sales Manager

FUCHS
TITAN GERMAN OIL

CONSTRUCTION

PowTechnology were 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 solutions help us manage stock to ensure the highest levels of customer service.

ROGER TAYLOR
National Operations Manager

CEMEX

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