

SMART BUILDING ENERGY MONITORING.

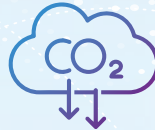
Use real-time data monitoring to work towards net zero carbon and achieve and maintain ISO 50001 certification.



Designed to fit
ISO 50001
framework.



Real-time
notifications and
reports on your
utilities.



Meet your
net zero
carbon goals.



Rapidly
identify
unnecessary
costs.



Fulfil your
ESG reporting
commitments with
hard data.



Smarter
Technologies

Powered By



The Real-Time Data Network

ADVANCE YOUR ACCREDITATION.

Smarter Technologies is committed to helping all of our customers achieve decarbonisation. We have identified the 8 key metrics that a business must achieve in order to attain ISO 50001 accreditation. Together with Smarter Technologies, you can easily develop the documents needed for an audit and certification.

	Requirements	Summary
01	Context of	This is a short paragraph in your policy document that defines your business and its context. What do you do? How do you operate? What are the internal and external factors that affect your business operations? What is your culture and approach to decarbonisation?
02	Leadership	There is an explicit requirement for the leadership team at your company to commit to energy efficiency and claim accountability. This takes the form of a declaration of intent and should be signed by your highest leaders.
03	Strategic Energy Management	Your energy policy and associated objectives must be consistent with your business strategy. Here you will set out your company goals and expectations for your energy policy.
04	Risk & Opportunities	Your policy needs to identify the risks & opportunities that may impact energy performance. This must also lay out any legal requirements that you have.
05	Energy Performance Improvement	This states the expected outcome from the energy policy and should be matched to outcomes. Smarter Technologies can provide assistance in establishing Energy Performance Indicators (EnPIs).
06	Energy Performance Indicators	Established indicators which are used to compare performance before EMS and after. Variables must be taken into account to 'normalise'. Smarter Technologies will give you these EnPIs after the first audit to be recorded in your energy policy.
07	Energy Baseline	Point in time from when performance starts being recorded. An established baseline that performance is being judged against. Smarter Technologies will record your first four weeks of energy use as your baseline.
08	Performance Evaluation	This is the interpretation of results and the advice given. Smarter Technologies will show you the data and assist you in making decisions to improve energy use.

BENEFITS OF OUR BUILDING ENERGY MONITORING SYSTEM (BEMS).



UNDERSTAND POWER CONSUMPTION

Real-time data allows you to understand phase balance and reactive power.



SUPPORT ISO 50001 CERTIFICATION

Access reports that will help support your ISO standards and certifications.



IMMEDIATELY REDUCE COST

Real-time data shows you where you can reduce energy wastage and cut cost.



REDUCE CARBON FOOTPRINT

The long-term impact of BEMS is a reduced carbon footprint and allows your business to meet ESG commitments.

HOW IT WORKS.

Powered By **ORION** The Real-Time Data Network™

Orion is a end-to-end, low frequency, long range radio solution. It combines RFID, GPS and IoT sensor technology to securely deliver your utilities data in real time. Our team of expert developers can also design, build, test and deploy bespoke solutions to meet your specific requirements.



SWITCHING OVER TO SMART IS SEAMLESS!

✓
The system uses radio technology.

✓
Monitors are retrofitted.

✓
The installation is quick and easy, and won't disrupt your operations.

✓
The entire system is secure by design.

✓
Your data will never be seen by anyone without your permission.



SmarterView

Our SmarterView app gives you full visibility of all your consumption data – at any time, from any connected device.

This real-time data informs educated energy management policies to help you implement efficiencies and reduce costs.

With SmarterView, all local staff and managers can directly contribute to consumption reduction and cost-savings by cutting unnecessary usage.

SmarterView stores historic data and generates reports that you can use to substantiate your commitment towards net zero and support your ISO standards and certifications.

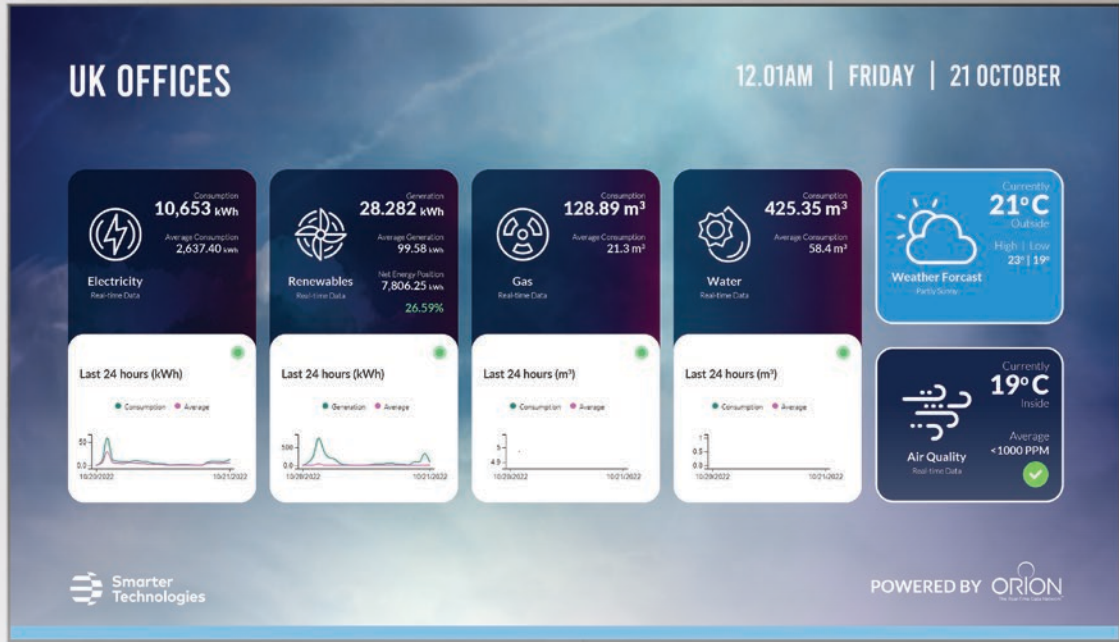


DASHBOARD

- ✓ Real-time alerts.
- ✓ Real-time visual status.
- ✓ Real-time tamper notifications.

REPORTS

- ✓ Daily / weekly / monthly - your choice.
- ✓ Automatically compiled and sent.
- ✓ Historical records on demand.
- ✓ Easy to export and send.



REAL-TIME CONSUMPTION DISPLAY FOR STAKEHOLDERS.

- ✓ Real-time electricity, gas, and water consumption data.
- ✓ Total energy usage offset by your renewables.
- ✓ Renewable energy generation in real time.
- ✓ Graphs showing real-time consumption.
- ✓ Live internal air quality feed.
- ✓ Live external weather feed and forecast.



Smarter Technologies is a leading provider of Internet of Things (IoT) solutions. We bring together market-leading expertise in hardware, software, communications, and data to drive transformation within our clients' organisations.

Our Building Energy Monitoring System (BEMS) is a powerful tool specifically designed for organisations seeking improved energy performance, cost efficiencies, and reduced carbon emissions across their premises.

Partner with Smarter Technologies to unlock the true potential of IoT solutions and embark on a journey towards enhanced energy performance, cost efficiencies and a greener future.

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A photograph of a city skyline at dusk or dawn, with various skyscrapers and buildings. The sky is a mix of blue and orange. Overlaid on the image are faint, glowing digital patterns, including a large '0' and '1' on the left, and a grid of dots and lines on the right, suggesting a smart city or IoT theme.

YOUR WORLD, SMARTER.