

Prevent, Protect, Maintain, Sustain

Facilities Management Innovation for Smart Water Safety

Powered by MultiTech

Currently, building or facilities managers are bound to an expensive, inefficient and unreliable manual process in order to comply with the 2002 (COSHH) ACoP L8: Legionnaires' disease. Temperatures are with a handheld thermometer, taps are turned on frequently to avoid the buildup of stagnant water and the manual reporting of information can be inaccurate and unreliable.

Tap Into What Your Building Is Telling You

A IOT-based Smart Water Management solution gives you and your clients real-time water data, 24/7. Once you know water temperatures in real-time, you know if water is stagnant or moving, and only need to flush when the system tells you it's necessary. Combine the monitoring platform with our unique wireless flushing valve and now one person can remotely manage hundreds of sites and thousands of outlets from a laptop.

More Than Compliance

From protecting a single building to large-scale facilities management, you benefit from:

Automated Legionella Compliance and Risk Reduction

Continuous outlet temperature monitoring—combined with our unique, remote intelligent flushing capability—allows you to exceed the COSHH health and safety legislation related to control of legionella bacteria in your water systems.

Increased Sustainability

Not only does the technology directly impact resource use through the reduction of unnecessary water flushing and reheating, but manual checks and maintenance are eliminated. As travel reduces, your speed to net zero increases.

Greater Cost Savings

With manual monitoring and compliance of remote sites eliminated, you or your clients can realise significant savings in travel, time and labour.



MultiTech Conduit® AP

Provides deep in-building connectivity and improved performance by connecting thousands of IoT assets, harnessing the power of the LoRaWAN® protocol.

- Configurable Ethernet and 4G-LTE interfaces for Primary or Secondary WAN
- Certified and carrier approved
- Cloud-based device management platform for over-the-air network diagnostics and configuration
- Built-in LoRa Network Server and Packet Forwarder

Building Health Checks

Regular automated reporting can inform the predictive maintenance process, highlighting malfunctioning boilers, issues with pumps, underperforming calorifiers and even recommending improvements to insulation.

By replacing manual checking with remote management of 100 of its sites, one client has taken 25 vehicles off the road, reducing CO2 levels by c28,000kg every year – a significant contribution to their zero carbon targets and KPIs.

Best-In-Class Solution

One secondary school was manually flushing 12 outlets for 4 mins, 5 days a week. Their calorifier was running high, hot and cold temperatures weren't compliant at the majority of locations and stagnant water was an issue.

Creevx Smart Water Management installed:

- Saved over €17k a year
- Achieved building-wide compliance
- Reduced labour by 2 hours per day
- Lowered the calorifier by 15 degrees
- Monitored cold water storage tanks (CWST) to identify future issues



Intelligence, Installed

IOT Smart Water Management starts with the installation of discreet wireless temperature sensors and flushing valves throughout the sites you manage. The sensors record temperature data every 15 minutes, relaying this information back to the cloud-based platform.

- Water temperature is continuously analysed, with alerts issued for areas of concern.
- Using the platform you can remotely flush outlets at any site only when necessary to prevent the growth of legionella bacteria.
- All data is recorded and stored for compliance and further insights for improved water management.

About Creevx

A Northern Ireland-based industrial IOT enterprise, brings together AI, automation, data, modular cloud platforms and facilities management expertise to help you better understand your buildings.

With innovative Smart Water Management system, they help clients, including CBRE, Dublin Airport, DuPont and NI Water reduce costs and increase sustainability.

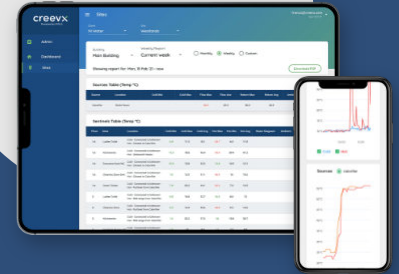
About MultiTech

Ready to learn more about how MultiTech products can take your business to the next level? Contact our team of experts online at www.MultiTech.com today!

For additional information, contact: sales@multitech.com



creevx Smart Water Management



"Problems are easily identified and rapidly corrected. The visual compliance data has proved invaluable in bringing instant insights and control to a previously haphazard manual process."

*Sean Kenrick,
EHS Manager,
Dupont Nutrition Ireland*

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