

Enhancing Operational Resilience in Utilities – How Cortech Is Supporting the Sector

Bringing clarity, control, and compliance to water, gas, and energy facilities through unified integration and real-time event management.

Utilities are under pressure like never before. Ageing infrastructure, the push toward digital transformation, and the increasing reliance on remote and unmanned sites make day-to-day operations more complex and risk-sensitive. When combined with rising regulatory scrutiny, evolving cyber threats, and growing public demand for transparency and reliability, water, gas, and energy providers must strike a delicate balance between resilience, efficiency, and safety.

At Cortech, we're helping organisations across water, energy, and gas to meet these challenges head-on, delivering integrated software solutions that bring control, visibility, and resilience to the heart of their operations, whether on a single high-risk facility or across an entire national estate.

Smart Integration for Critical Sites

The average utility site relies on a wide range of third-party technologies: SCADA, BMS, fire, intruder, perimeter, video, access control, and more. Yet many providers still face the operational strain of siloed systems, inconsistent data, and slow incident escalation, issues that compromise uptime and place additional pressure on overstretched operational teams. Datalog QL brings these technologies together into a single, intelligent interface, empowering teams to respond faster, reduce downtime, and drive sitewide efficiencies.

Supporting Compliance and Audit Readiness

In a sector governed by strict regulations and performance standards, accurate reporting and full traceability are essential. Utility providers must demonstrate reliability, incident preparedness, and robust risk management to bodies such as the DWI and Ofgem, often with limited resources and rising expectations around transparency.

Datalog QL provides:



Automated event logging and audit trails



Configurable dashboards and incident reports






Support for regulatory inspections (e.g. DWI, Ofgem)

This ensures operational teams can maintain compliance while reducing manual admin and risk.

Protecting People, Assets, and the Environment

From water treatment plants to energy control centres, safety and security remain critical priorities, especially as many utilities now operate across large, geographically dispersed networks with a blend of legacy systems and modern infrastructure. Quick, informed decision-making can be the difference between a contained incident and a major operational or environmental impact. Cortech's solutions support:

-  Faster incident detection and response
-  Pre-defined workflows for emergency and routine events
-  Real-time situational awareness across dispersed sites

Whether it's responding to a chemical alarm or securing a remote pumping station, Cortech helps utility providers operate with confidence.

Built for Today, Ready for Tomorrow

Our continued investment in R&D and collaboration with technical partners ensures the Datalog platform evolves in step with industry needs, from cyber resilience to sustainability, remote site monitoring, and the growing use of sensor-rich environments.

Want to see how Cortech could support your utility site?

Contact us to arrange a consultation or demo.

t: +44 (0) 1925 750 600 e: sales@cortech.co.uk w: www.cortech.co.uk