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Smart water management

Fact Sheet

Going digital with leak detection, monitoring & reporting

Every year, 126 million+ cubic meters of water are lost due to leaks, poor metering and theft. The cost: $40 billion a year in waste and lost revenue. In fact, according to McKinsey, if we continue business as usual, global demand for water will exceed viable resources by 40 percent by 2030. It's time to reverse the trend. It's time for smart water management.

Take an intelligent, integrated approach

Put proven technology and real-world experience to work in a custom smart water management solution to:

- Make smarter decisions faster and automate immediate actions

- Link leak detection with leak fixing so it's "done right the first time"

- Monitor and manage asset health to increase effective life, reduce energy usage and deliver predictive maintenance

- Create an economically and environmentally aware, sustainable utility network

- Report honestly and accurately to regulators

Software AG has teamed with key players in the water industry to formulate a smart water management solution that combines best practices with best-in-class software.

Internet of Things connectivity, integration of data, systems and applications, real-time streaming and predictive analytics, machine learning, artificial intelligence, process planning, design and management combine to digitalize how water resources are managed.

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The time is now for smart water management

"We expect companies to benchmark them-selves against other sectors and to meet the changing expectations that custom-ers have, also including by offering more personalised and digital services."

OfWat

"It's clear that some companies still need to do much more when it comes to reducing supply interruptions and curbing leakage, which can damage people's perceptions of the industry and deter them from saving water themselves."

Consumer Council for Water

"Water companies in England have been warned to clean up their act after the envi-ronment watchdog described their perfor-mance last year as 'simply unacceptable'."

The Guardian

"England will run short of water within 25 years unless action is taken."

Environment Agency Chief Executive Sir James Bevan

"Ofwat has adopted the long-term target of cutting leakage by 50 percent by 2050, and this will be built into the next round of water company Water Resource Manage-ment Plans."

Utility Week

How you'll benefit

Detect leaks in real time
Deploy the best-suited IoT sensors to collect and monitor data when and where needed. Use a triage process to analyze real-time streaming data and report on leakage severity and environmental impact using geofencing and geospatial referencing.

Act at the right time
Market-leading integration capabilities can trigger resource management activities. Automate processes to direct the right people to where they are most effective. Ensure the best-equipped resources are quickly and cost-effectively at the scene of an incident.

Manage incidents with care
Getting resources to triage an incident in the field as fast as data can provide information is only a part of the solution. Our solution also incorporates a structured working practice using rugged mobile devices to ensure incidents are governed for best results, from the moment the resources arrive. This best-practice approach helps ensure successful outcomes. This solution accelerator allows companies to share data securely in real time with all stakeholders across a variety of platforms.

Inform & report responsibly
Be able to report honestly and accurately on improvements in leakage, pollution control and environmental issues. Customize your solution for clear accountability, auditable data, straightforward and open reporting. Advanced "AI-assisted" analytics improves how you detect incidents, reduce leaks and increase awareness and management of incidents.

Target maintenance for best results
Equip your team to analyze deployments, points of failure, maintenance reports and descriptive analyses to accurately target ongoing work across your complex network.

Take the next step

Let's calculate your monetary benefits of smart water management. Contact:
www.softwareag.com/
smartwatermanagement
for an assessment using our smart water management calculator and insights on how you can reduce water leakage, theft and cost.

ABOUT SOFTWARE AG

Software AG began its journey in 1969, the year that technology helped put a man on the moon and the software industry was born. Today our infrastructure software makes a world of living connections possible. Every day, millions of lives around the world are connected by our technologies. A fluid flow of data fuels hybrid integration and the Industrial Internet of Things. By connecting applications on the ground and in cloud, businesses, governments and humanity can instantly see opportunities, make decisions and act immediately. Software AG connects the world to keep it living and thriving. For more information, visit www.softwareag.com.

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