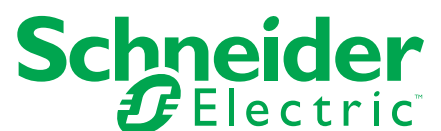


Water Management Suite: Water Loss Management

Minimize losses and costs, improve service and regulation compliance



Make the most of your energySM



Water Management Suite: Water Loss Management

Schneider Electric's comprehensive Water Management Suite (WMS) is an integrated set of modular systems offering solutions specific for management of water supply and distribution – the foundation of the Schneider Electric Smart Water Network.

Fundamental in the Schneider Electric WMS is the Water Loss Management module, a platform that aggregates real-time water network data and analyzes both current and historical conditions to identify leak situations. As a result, the utility –

- Reduces the amount of water lost and the associated costs. Continuous, automated analysis helps the water utility reduce the time needed for leak identification and response, lowering the treatment and energy costs associated with non-revenue water.
- Minimizes maintenance and outage times. Improved customer service is an immediate benefit.
- Optimizes investments in asset management. Key network operations information improves maintenance and renovation policies.

This standardized platform integrates with existing enterprise information systems, making information readily available to utility business processes and optimizing the installed database.

Water utility managers are finding it not only minimizes water loss but also improves the water utility's operational efficiency, information reporting, and strategic decision making that supports regulation compliance.

Effective leak detection helps solve water loss issues

The WMS Water Loss Management platform has advanced analytical tools for timely quantitative analysis of current network dynamics and comparison with historic data – facilitating rapid detection and location of water line leaks and bursts with information that is:

- Reliable – prompt identification of bursts and small leaks; no false alarms generated
- 24/7 – continual real time and hydraulic analysis
- Robust – functions under fluctuating conditions
- Sensitive – detects small leaks
- Accurate – identifies with reasonable precision the location of the leak
- Broad-purpose – applicable to both transmission lines and distribution networks

The platform's continuous and accurate assessment of network conditions, along with graphic representation of leak-related information and IT integration capabilities, cuts the time between the leak occurrence and when action is

taken – often from hours or days to minutes – and significantly reduces outage times.

An enterprise solution

Schneider Electric's Water Loss Management system is designed to be an enterprise platform, interoperable with other enterprise systems such as CMMS, ERP, GIS and customer management and billing systems.

The system's integration capability extends the value of existing IT infrastructure, improving the return on existing investments, and allows each department to get the information it needs in the way it needs.

Integrating with third-party systems and other Schneider Electric WMS modules, it connects all utility departments to a relevant issue with reliable information and presents the key indicators that assist managers to make strategic decisions and optimize investments. As a result, the utility as a whole improves its business functions. Operations can improve flow, pressure and overall standard of service; Planning can make well-informed decisions on pipe renewal and condition assessment programs; and all the departments have accurate and timely data for reporting.

Working for utilities large and small

Schneider Electric WMS Water Loss Management tools are inter-related, adaptable to customer network conditions and easily configurable and scalable to reflect networks ranging from simple transmission schemes to complex water distribution systems. The platform's configurability makes it work for your entire organization, large or small:

- Multi-language environment and multiple-measurement choices for facilitated training, monitoring and event response
- Fully configurable alarm management based on fixed threshold definition, adaptive limits or logic rules

- Complete supply system control at a glance through the Event Manager tool (alarms, pre-alarms, changes in settings, field data quality)

Put industry-leading technology to work for your water utility

As a global leader in Smart Water Network solutions, Schneider Electric is committed to best-in-class sustainability of the environment, excellence in our solutions, and earning trust in our client relationships. The high-value Schneider Electric WMS Water Loss Management platform not only represents the company's expertise in managing and delivering complex technological solutions for the water industry but also reflects its commitment to help water utilities optimize their management of our world's most valuable resource.

Add further functionality with Schneider Electric systems for optimum water distribution management and security. Check our Web site for more information about Schneider Electric's Water Management Suite and related advanced technology solutions for automated monitoring and control using real-time information.

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