Remote Asset Monitoring Solution
Water Utilities and Wastewater Management

Using SecFlow, the All-In-One Ruggedized Gateway for E2E IIoT

Flexible Communication Interfaces | Edge Computing | KPI Analysis

Onsite maintenance of your water utility and sewage utility assets costs you time, money and resources, so you're keen to avoid being on-prem whenever possible. The key to staying offsite is to monitor your water utility assets remotely. You can do this with an IIoT solution for remote asset monitoring, supplanting your legacy maintenance schedules of physically-present inspections, resulting in a much lower OpEx for tracking, preventing and preempting water plant, pipage and wastewater or wastewater treatment problems. The Industrial IoWT (Internet of Water Things) is the new normal, and you can harness it for easiest management.

The Optimal Remote Asset Monitoring Solution (RAMS)

Due to the challenges for remote asset monitoring, organizations are looking to IIoT with edge computing as the solution. The ideal RAMS allows for ultimate flexibility of integration – one that moves away from a cumbersome, multi-domain, disaggregated fragmented monitoring to unified, aggregated end-to-end wireless monitoring over cellular or fiber networks, public or private, be they 4G, 5G, PLTE, 450MHz (450 LTE) CBRS, LPWA (low power wide area) or other network options for intelligent monitoring. RAD offers this ideal IIoT-integrative solution, reducing the cost of connecting thousands of remote IoT assets, all the while strengthening security. Less hassle means a quicker time to goal.

RAD SecFlow Gateway

The Freedom of Choice

You know what you need best, but the reality is that not all IIoT gateways are compatible with the solution components you might prefer. RAD SecFlow, however, is adaptable to your choices. The SecFlow Gateway is the robust, all-in-one ruggedized device that enables a seamless IIoT E2E solution, integrating with all your other IIoT components, such as...

Sensors • Gateways • Connectivity • Backend Servers • Dashboards
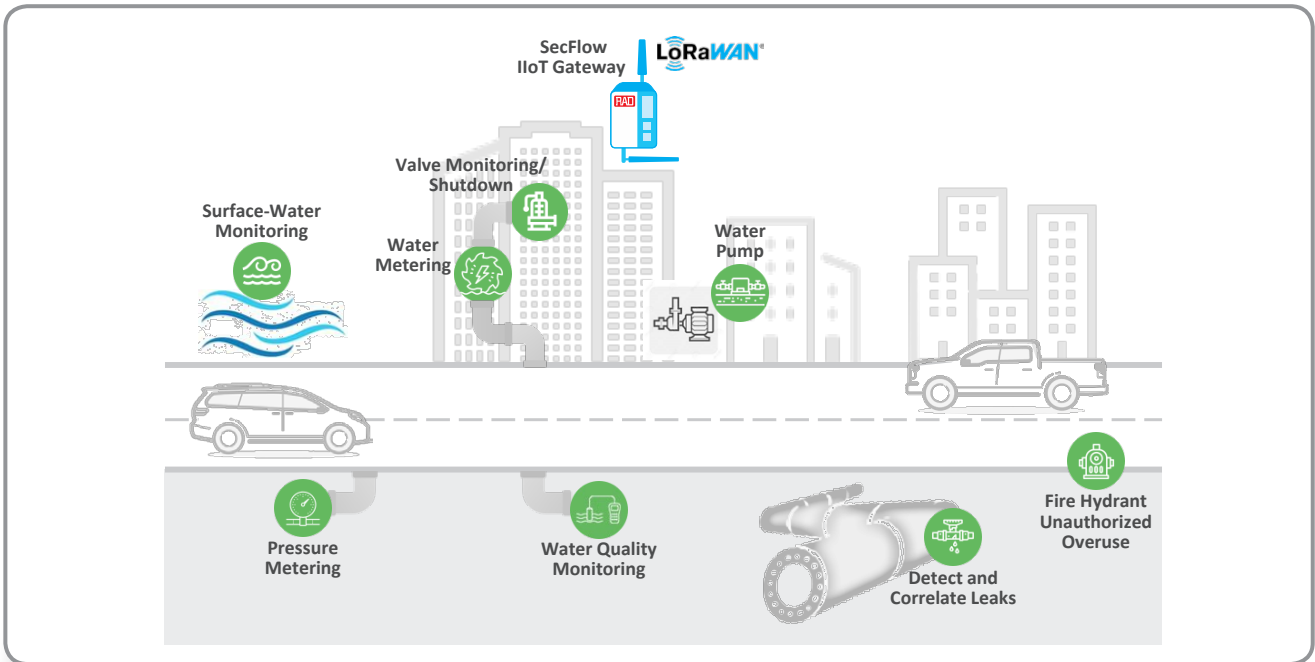
RAD

Your Network's Edge®

Challenged by Complexity, Distance

Managing water utilities and sewage networks remotely is an intricate endeavor, especially as it involves long pipework covering large swaths of area. Using SecFlow, you overcome these challenges seamlessly, monitoring your water utility and sewage network assets flexibly. You'll wirelessly maintain and monitor your water and wastewater...
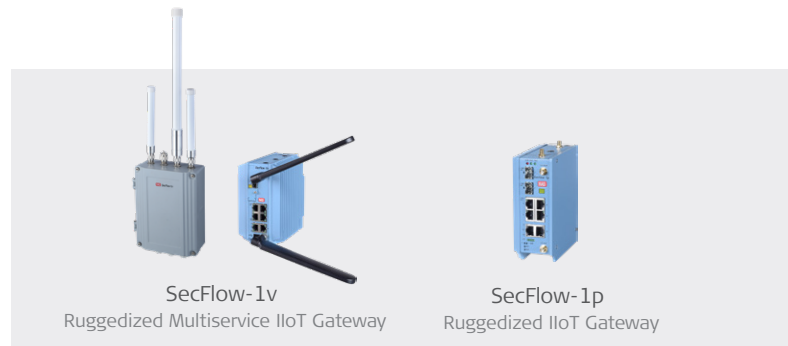
Pipelines • Pumps • Tanks • Waterflow • Meterage • Power • Energy

Data-Informed Insights

Another value of RAMS is that the data gleaned can be leveraged for KPI reporting capabilities, enabling informed business decisions by executives based on smart asset tracking for water utilities and waste management, including smart metering.

RAD SecFlow Integration for E2E IIoT Remote Asset Monitoring with Edge Computing

SecFlow-1v
Ruggedized Multiservice IIoT Gateway

SecFlow-1p
Ruggedized IIoT Gateway

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