

SETFLOW METER DATA MANAGEMENT SYSTEM

Any utility that is contemplating a smart meter upgrade is going to need a software platform to help manage the flood of incoming data. The traditional role of a Meter Data Management System (MDMS) is to store interval meter data, perform data Validation Estimation and Editing (VEE), and generate billing files from consumption information to send to the utility billing system. SETflow MDMS does all this, and much more.

Dashboard

The SETflow MDMS Dashboard provides a snapshot of all critical system status information in a single view. This view may be customized to display only the most important details relevant to each user. Track meter reading errors, system alarms, valve status, water consumption by metering district, or create a custom watchlist to track just the devices that are important to you.

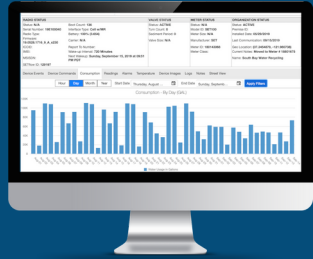


Mapping

SETflow MDMS geospatial mapping allows utility staff to view the location of all field assets by district metering area. This view also allows for device health tracking to understand where system failures may occur and how to deploy field staff to proactively address potential issues before they become emergencies.

Device Detail

Clicking any device icon on the map pops-up a list of device details including battery level, valve status, meter status, consumption reads, metering groups, device configuration parameters, and much more. This view is the heart of the SETflow MDMS and gives utility operators fine-tuned visibility and control of every aspect of the smart water network.



Reporting

The SETflow MDMS has a rich reporting and analytics engine that provides your utility with insights to better manage your water system. Enroll in report subscriptions to have daily or weekly insights pushed right to your inbox. Reports may also be easily exported for offline analysis or use with business intelligence tools.

Sample Report List

- Meter Consumption – Full history available
- Device Alerts – Meters, valves, and sensors
- Meter Change Outs – Visually track meter replacements
- Battery Monitor – Track battery levels for all devices
- Non-Revenue Water – Identify potential water losses by DMA

ADDITIONAL FEATURES

- Create ad-hoc device groups for meter classes, reading routes, and more
- Perform District Metering Area (DMA) consumption analysis for Non-Revenue Water (NRW) identification
- Compare consumption across groups and relative time frames
- Configure custom dashboard views for each registered user
- Subscribe to alarms and reports for easy access to critical system information
- Configurable alerts for low flow, no flow, inactive flow, and back flow conditions
- Monitor AMI Endpoint and Remote Smart Valve battery health
- Control and automate remote valve status by configurable groupings

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