FENIX

OMNIA
Software

Consumer Portal   Head End System   Field Mobile Application

Any utility contemplating a smart meter upgrade needs a robust, versatile software platform to manage the flood of incoming meter interval data in a way that provides actionable information. The OMNIA software suite consists of a Head-End System (HES), Customer Portal, and Field Mobile Application. The intuitive functionality of the software is best experienced live - call today for a live demo.

Dashboard

The OMNIA software dashboard provides a snapshot of all critical system status information in a single view - including connection (read error) issues. This customizable view can display can be used to track meter reading errors, system alarms, valve status, water consumption by metering district, or to create a custom watchlist to track just the devices that are important to you.

Mapping

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 software and gives utility operators fine-tuned visibility and control of every aspect of the smart water network.

Non Revenue Water and Leak Detection

Analytics and reporting for water balance, loss detection, and more coupled with DMA Analysis delivers leak and theft detection. Configurable notifications keep key utility workers informed and shifts the dynamic from reactive to proactive.

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System Neutral

The OMNIA software suite can be utilized as a full solution or integrated to existing solutions the utility might already be utilizing via API.

Reporting

OMNIA has a rich reporting and analytics engine that provides your utility with insights to better manage operations, infrastructure, customer service and education. Enroll in report subscriptions to have daily or weekly insights pushed right to your inbox. Reports and alerts are viewable on the configurable dashboard at a glance via the report widgets, or can available in a downloadable format. OMNIA supports an unlimited number of arbitrary or virtual meter groupings.

Sample Report List

Meter Consumption – Full history available
Meter Change Outs – Visually track replacements
Excessive, Continuous, No and Backflow – track usage spikes to discern potential leaks or waste
Device Alerts – Meters, valves and sensors
Non-Revenue Water – Identify potential water losses by DMS (District Metering Analysis)
Battery Monitor – displays battery levels for all devices with configurable alert thresholds.

Customer Portal

- Detailed Consumption Analytics

- Configurable Analytics and Alerts

- Alerts and Notifications – Flow, Vacation, Cold Weather, Budget, and Water Usage

- Utility Message Center

- Mirrored portal view for Utility Team

- Reduces support calls through self-service

- Provides automation of multiple services

- Increases engagement and satisfaction

Field Mobile Application

- No proprietary handheld devices required – any internet connected smart device becomes a field device.

- Immediate activation, provisioning, and documentation – installation confirmed while team is still in the field. Can be used as a Work Order Management System.

- Increased account accuracy – with automated premise ID configuration the opportunity for error significantly decreases.

- Perform on demand reads/control.

ADDITIONAL FEATURES

- Create ad-hoc device groups for meter classes, reading routes, and more
- 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
- OMNIA is cloud/app based and accessible via any smart device.
- Software Demos Available

FOR MORE INFORMATION CONTACT:

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