AQUACONTROL™
Water IoT Platform

SMART WATER IOT PLATFORM WITH CLOUD-BASED APPS

Create Opperational Efficiencies with Remote Water Shutoff + AMI Endpoint

AquaControl Smart Water IoT Platform

MONITOR, CONTROL & COLLECT

- The Aquana Remote Shutoff Valve with Integrated AMI Endpoint offers wireless water monitoring and remote valve control for payment enforcement, move in/out, conservation compliance, and water billing.

- The Aquana Smart Valve delivers remote valve actuation through its smart Cloud connected valve. Available with LoRaWAN or 5G compatible LTE-M connectivity, local control via bluetooth, and includes an integrated AMI endpoint for reading pulse or encoded output water meters.

DESIGNED FOR WATER UTILITY OPERATORS AND BILLING COMPANIES

Advanced Metering Infrastructure (AMI)
The integrated AMI endpoint reads both pulse and encoded output meters, delivering hourly readings via LoRaWAN or LTE-M.

Prepaid Billing Support
Automatically disconnect service when account balances fall below threshold, and reconnect upon payment.

Identify Non Revenue Water
Compare water use between bulk meters and residential zones to quickly identify NRW.

On-Valve Leak and Burst Detection
Whether using smart meters or pulse meters, the Aquana Smart Valve can deliver realtime notification and valve actuation.

AQUANA
A GEOSPACE COMPANY

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AquaControl Smart Water IoT Solution
Steamline Connections and Reduce Non-payment

AQUAFLOW AMI SMART VALVE WITH CONNECTED WATER METER

CELLULAR TOWER LTE-M LORAWAN GATEWAY

MONITOR & CONTROL WITH AQUANA WATER IOT PLATFORM

UTILIZE 3RD PARTY INTEGRATIONS

Powerful Software & Robust Hardware

SOFTWARE
The Aquana Cloud
+ Enterprise friendly Multi-Utility support
+ Real time insight into water systems and usage
+ Schedule actuation for a single valve or in batch
+ Configurable rule sets for actuation & notifications
+ APIs integrate with CIS and billing software

HARDWARE

AquaFlow Remote Shutoff Valve

+ 3-Positions: Open, Closed, & Reduced flow
+ NSF61/Leadfree Brass Body Ball Valve
+ Integrated AMI Endpoint
+ LoRaWAN or Cellular LTE-M
+ On-valve leak and burst protection
+ Fully potted, IP68 housing
+ 5/8in, 3/4in, 1in M/F Swivel Nut
+ 20-year limited warranty

Specifications are subject to change at the sole discretion of Aquana, LLC.

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