

AQUACONTROL™

Water IoT Platform



SMART WATER IOT PLATFORM
WITH CLOUD-BASED APPS

Create Operational 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.

AquaControl Smart Water IoT Solution Streamline 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

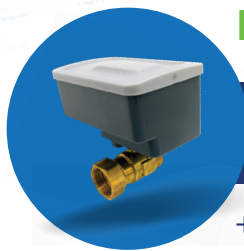


SOFTWARE

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.

231217