Accelerate Your Move to AMI Water

Solution Overview

CONNECTING EVERY DROP FASTER

You've been considering a move to AMI so that you can provide your customers new, advanced features that your current system cannot deliver. However, the cost, logistics and risk of an AMI system deployment can be daunting for all but the largest water utilities. Itron has a solution that **reduces the up-front costs, minimizes project-related risk and increases the return on investments.**

Itron, in collaboration with your local utility can provide you access to an existing, well-managed AMI infrastructure, allowing you to avoid a costly network build and the associated maintenance and on-going management expenses. By leveraging an existing established network and headend assets, we can **deliver measurable results quicker and at a lower cost** by taking advantage of the economies of scale. With this approach, you can quickly get access to the information you need to enable you to proactively manage your service territory and efficiently engage with your customers. An example of this would be advanced leak detection; saving both you, and your customers money, as well as reducing the unnecessary loss of a valuable natural resource. With Itron solutions you'll gain full operational visibility of your water distribution network. That information can be used to improve operations resulting in a more efficient and resourceful water system–all while enhancing your consumer experience.

Operational Efficiency Improvements with AMI

» Manual and drive-by meter reading costs are eliminated

» Reduce or eliminate truck rolls

» Hourly interval data or anytime "on-demand"

» On-demand functionality to include remote connect and disconnect

» No infrastructure to maintain

Revenue Protection Improvements with AMI

» Deter water theft

» Tamper and advanced meter alerts

» Event and tamper analysis

» Advanced analytics to identify, prioritize and take action

Water Efficiency Improvements with AMI

» Distribution leak detection

» Customer-side leak detection and notifications via analytics

» Analytics provide system-level operational insights

» Integration to GIS, work order and asset management reduces errors and automates processes

Customer Engagement

» Customer service app

» Consumption comparisons to promote reductions

» Customer engagement web portal
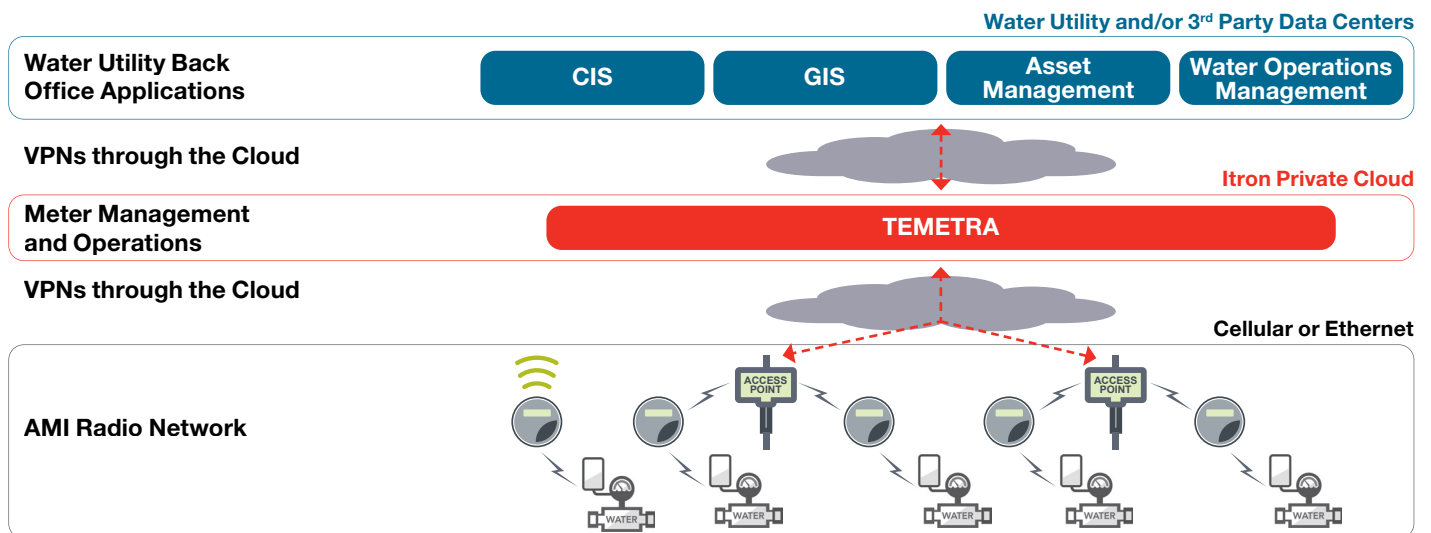
» Customer leak alerts

monitors and operates the in-field communications network, the backhaul network and the cloud-based data management platform allowing you to focus on managing and maintaining the water endpoints. Itron's managed services leverages our global experience in deploying and maintaining more than devices.

We deliver:

» Simple, cost effective water AMI

» Full asset management

» Continuous access to the latest features via firmware and software updates

» Proven communication platform backed by Service Level Agreements and 24x7x365 monitoring from Itron's Network Operations Centers

» Proven business benefits without the burden of specialized networking knowledge

» Extensibility into other smart city applications

WORLD-LEADING END-TO-END CONTROL SYSTEM

Itron is a world leader in multi-application, standards-based outdoor networks for critical infrastructure. With more than 190 million devices deployed globally and more than a decade of experience building networks in some of the most demanding locations. Our networks are built to meet the most current security standards to assure you are secure from disruptive intrusions. Itron offers proven solutions and the expertise necessary to deliver water AMI and Smart City networks now and into the future. Our city management platform operates in more than 500 cities worldwide, demonstrating proven performance on a global scale. From monitoring city assets such as water, gas and electric to providing communications for intelligent streetlights, stoplights and traffic controls, Itron offers comprehensive solutions for the modern, connected city.

And water is just the beginning. Leveraging your local utility's existing network and Itron's Network as a Service (NaaS) solution provides operators the flexibility to automate a growing number of smart city applications to expand automation, resiliency and customer service at any time.

NETWORK LEASING: HOW TO GET STARTED

Water endpoints are the only hardware you purchase. With this service, Itron provides:

» *Network:* Itron brings the network to your smart city devices, enabling real-time communication and control through your local utility's existing AMI networks

» *Software:* Meter reading and management enabled via an easy to use web-based water analytics software, analytics software package called Temetra. Benefits include efficiency, increased read accuracy and water conservation

» *Peace of mind:* With 24x7x365 monitoring and management, the NaaS offering includes performance guarantees while removing the IT burden

Itron manages the system for you. You gain the benefit of our expertise with centralized monitoring, control and real-time alerts for your water network without having to worry about designing, building or maintaining a mesh communication network. Itron

Water Utility and/or 3rd Party Data Centers

| Water Utility Back Office Applications | CIS | GIS | Asset Management | Water Operations Management |

VPNs through the Cloud — Itron Private Cloud

Meter Management and Operations — TEMETRA

VPNs through the Cloud — Cellular or Ethernet

AMI Radio Network