



**BECAUSE MOTHER
NATURE DOESN'T ALWAYS
COOPERATE.**


REACTIVE AND PROACTIVE SOLUTIONS
FOR WATER CONSERVATION

Mueller Water Products

TRUSTED AND INNOVATIVE SOLUTIONS FOR WATER CONSERVATION. NO MATTER WHAT YOUR LOSS.

More than one-third of the United States faces drought conditions, often in parts of the country experiencing population growth. This just compounds the daily challenges of providing safe, clean drinking water.

From simple hydrant security products to innovative distribution system leak monitoring using advanced metering infrastructure, Mueller Water Products continues to develop solutions that help utilities actively diagnose, monitor and control the delivery of drinking water. All to help conserve more water and ensure system resilience.

 Our “shovel-ready” products and services can be delivered and implemented relatively quickly by a utility to help achieve water conservation targets.

IMMEDIATE SOLUTIONS



LeakFinderST™
Correlator Technology



EchoWave®
Leak Detection Services



Fire Hydrant Security



Pipe Repair



Jones® Tell-Tail™
Break-Off Check Valve
for Wet Barrel Hydrants



Hydro-Guard®
HG-6 Hydrant Automatic
Flushing System

MID-TERM SOLUTIONS

EchoShore®-TX Transmission Main Monitoring



The *EchoShore®-TX* platform combines proven acoustic technology with leading-edge wireless connectivity to create a permanent leak monitoring solution. Whether it's long or short distance, *EchoShore-TX* is fully compatible with any pipe material and is cost-effective for a wide range of pipe diameters.

Conserving Water: When a larger diameter main ruptures, millions of gallons of water can be lost. Continuously monitoring a transmission main enables utilities to detect and repair small leaks before significant water loss and potential property damage occurs.

EchoShore®-DX Distribution Main Monitoring



Transform your distribution system into a smart water network. *EchoShore®-DX* incorporates the latest generation of acoustic sensors to do just that. Once a monitoring zone is identified, fire hydrants are fitted with acoustic nodes to listen for leaks. Flexible information backhaul options are also available.

Conserving Water: A significant volume of water is often lost from a leak before it is identified. A utility can now be notified in near real-time about the formation of a leak, reducing the leak duration from months or years to just days or hours with a fixed leak detection system.

Hydro-Guard® Automatic Flushing System



Hydro-Guard® monitors water quality and automatically initiates flushing as necessary, allowing a utility to maintain minimum disinfectant residuals. Most water distribution systems have water lines that may not have sufficient demands/flow to keep the detention time short enough to maintain the residuals.

Conserving Water: Real time information generated by Hydro-Guard enables a utility to have maximum control over its flushing program. Knowing when to flush specific piping sections saves water, reduces chlorine consumption and improves customer satisfaction by helping to avoid taste, color and odor issues.

Remote Pressure Monitoring



Mueller's remote monitoring system reports pressure data at customer-defined intervals via a machine-to-machine cellular-based service. Alerts are transmitted via SMS and/or email when user-defined settings for low- or high-pressure conditions are reached.

Conserving Water: Higher water pressures are known to create more leakage from distribution mains and service connections. This technology allows a utility to identify rapid pressure increases that can result in catastrophic main breaks and water loss.

ePulse® Pipeline Condition Assessment



Imagine identifying the condition of both distribution and transmission mains, while simultaneously searching for leaks. *ePulse®* technology is the industry's first solution to do just that. All without the need for service disruption. This cost-effective inspection approach can be applied on virtually any pipe material.

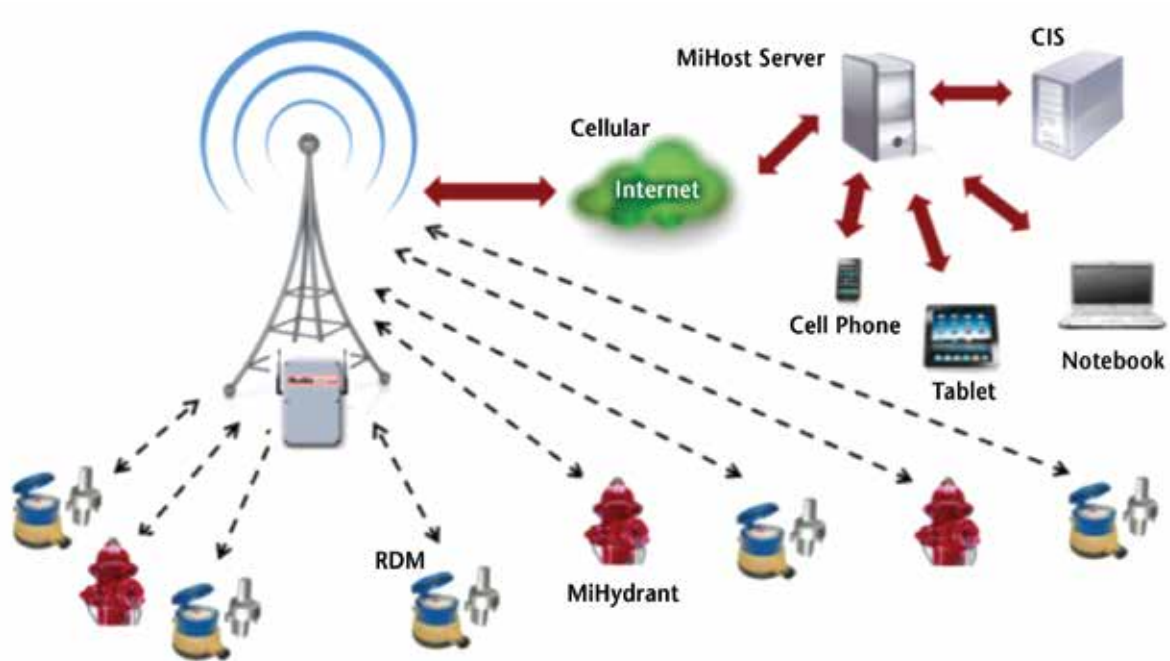
Conserving Water: By understanding the actual condition of buried pipe assets, a utility can more effectively plan for pipe replacement and identify pipe sections that are at the highest risk of developing a leak. With a proactive condition assessment, utilities can save water resources and extend capital budgets.

LONG-TERM SOLUTIONS

Mi.Net® Advanced Metering Infrastructure (AMI)

Understanding and helping to manage customer usage is critical in a scarce water environment. Increasingly, utilities are recognizing the value of shifting towards smart technology by adopting an AMI system. Mueller Systems is 100% focused on municipal water infrastructure and believes the Mi.Net® system is the most innovative AMI system on the market.

The Mi.Net system goes well beyond the standard AMI offerings of increased meter reading and billing efficiency to provide a truly long-term solution to utilities' concerns. With just one network, the Mi.Net system can address the problem of distribution pipe leaks, and at the same time, offer water supply deficiency control measures, remote connect and disconnect metering, on-demand meter readings, e-mail alerts and usage alarms based on near real-time information.



The Mi.Net® system reliably links meters, distribution infrastructure and control devices in a single, highly efficient data network that delivers operational efficiencies and actionable data. This is all viewed and controlled from the host computer.

Smart Move® is investing in quality water infrastructure. It's also the Mueller difference. Using field-tested materials and ground-breaking technology means you have our assurance that our products and services are designed and engineered for the long run.

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