

## Annual User Group Conference Helps Utilities Work Smarter



Over 150 water industry professionals attended Mi.Conference 2018 which was held in Orlando, Florida. The annual user group conference is designed for utility management and field operations professionals who want to leverage the full value of their Mueller technology solutions. The conference featured over 40 learning tracks as well as utility discussion sessions focused on smart water solutions, advanced metering infrastructure, pressure management, water network flushing and fixed leak detection. Attendees discovered new ways to enhance field operations including deployment best practices, installation and maintenance tips, system optimization models, and hands-on training from the experts at Mueller Water Products. For more information, please visit [www.muellersystems.com/mi-conference](http://www.muellersystems.com/mi-conference).



## Reclaimed Water Wrench Nut for Resilient Wedge Gate Valves

Mueller® resilient wedge gate valves now have an option for a purple pentagon-shaped wrench nut, intended for reclaimed water service installations. This wrench nut introduces two distinguishing features: a unique shape requiring a special key for improved security and a purple finish to quickly identify reclaimed water. Purple is recognized by the American Public Works Association to identify “reclaimed” water line components and was adopted in 1980 by the AWWA California-Nevada Section for reclaimed water pipelines.

## ME-8 Register

The Mueller® Encoder Eight (ME-8) register is now available for use on all current Mueller Systems positive displacement meters in 5/8” through 2” sizes. Utilizing a heat-treated tempered glass lens and corrosion-resistant copper can to house the register light tubes, electronics, self-lubricating gearing and drive magnet, the ME-8 register delivers extraordinary functionality and value when paired with the latest metrology and AMR/AMI solutions available from the Company. For more information, please visit [www.muellersystems.com](http://www.muellersystems.com)



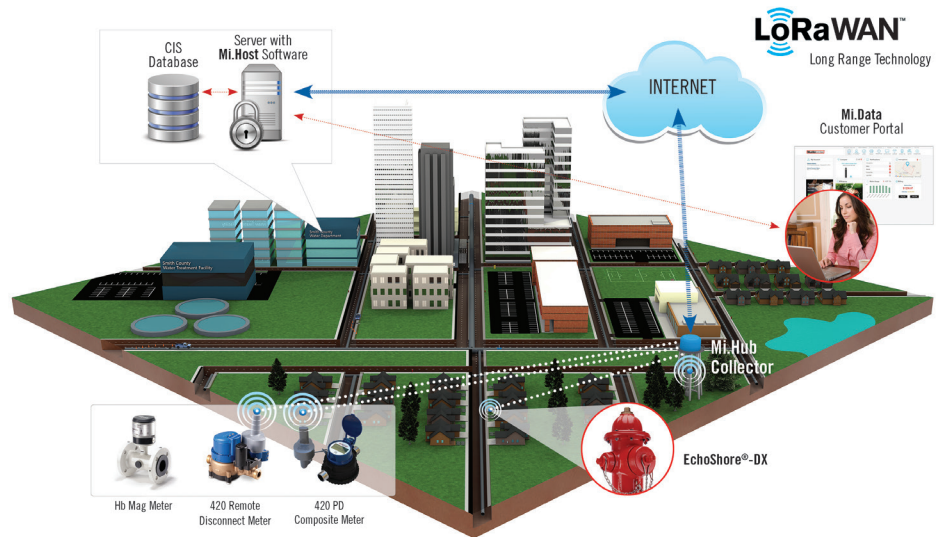
## 2018 Mobile Waterworks Training Schedule Released

For more than 100 years, Mueller Co. has provided training for the water distribution industry throughout the country. In 2018 we are taking our mobile school to the Western U.S., starting with Colorado Springs, Colorado on April 18 and ending with Tucson, Arizona on November 1. Please contact your Authorized Mueller Distributor to register. To review the list of dates and locations, please visit:

<https://www.muellercompany.com/services/product-training/>



## Mi.Net® for LoRa WAN



By adopting Internet of Things (IoT) standards through the LoRa® Alliance, utilities can transform their water infrastructure into an open communications network, enabling improvements in service and connectivity of all city services. The Mi.Net solution provides utilities a future-proof investment while offering limitless applications within the water space and beyond. From managing water connections with proven Remote Disconnect Meters to permanent leak detection technology, the Mueller Water Products family of companies deliver a comprehensive solution to manage your entire smart water program. For more information, please visit <http://muellersystems.com/ami-solutions/lora-alliance/>.

## Mi.Net M (Migratable)

Mi.Net M endpoints allow a utility to mix and match mobile, hybrid and fixed-network AMI solutions. While a utility may not be ready for Smart City technology, there's no need to wait for Mueller Systems' Mi.Net M technology. The Mi.Net M solution can be installed as a mobile system and then be easily migrated to fixed network AMI at a later date. Utilities can even choose to use fixed network AMI in some areas while deploying mobile solutions throughout the remainder of the utility; all configurations feature a full two-way command and control capability, enabling functionalities like a remote disconnect meter, on-demand data log retrieval and firmware upgrades over the air. For those utilities seeking a long-range AMI system that is easy to deploy and maintain, Mueller Systems' Mi.Net licensed endpoints utilize licensed transmissions that allow for a minimal amount of low-cost infrastructure while still enabling robust two-way capabilities. For more information, please visit <http://muellersystems.com/mi-net-mobile/>.



# FEATURED PROJECTS

## Hydro-Guard® Remote Pressure Monitor Uncovers More Than Just Pressure Spikes

Hixson Utility District recently added cellular sensors to the larger water mains in their water distribution system. The data from these sensors is uploaded to a website for analysis as well as alerts in the event of pressure abnormalities. Here are some of their findings:

- A major pressure drop was noted at 2:30am, allowing a supervisor to arrive on site just as first reports of a potential problem were coming in. He was able to prevent water loss and further damage.
- A pressure spike was found to be the result of hydrants being operated by contractors and shut off too quickly.
- In one district metered area, several pressure abnormalities were triggered; each time they were fixed at the pressure reducing valve before flow pressure became an issue.

The complete article, "Hixson Utility District Implementing Cellular Pressure Monitoring Technology in Distribution System," is found in Tennessee Utility News magazine, 1st Quarter 2018 Technology Issue, published by the Tennessee Association of Utility Districts.

## Charlotte County Utility Deploys Mi.Net, Resulting in Impressive ROI



Moving away from manual on-site meter readings, Charlotte County installed 58,000 water meters with AMI metering technology from Mueller Systems. This technology provides continuous two-way communications between the network and metering devices, enabling accurate measurement and the collection of detailed usage and billing information. The devices also offer demand-response capabilities, customer alerts and notifications, and remote service-connections and disconnections. Improved read accuracy of the new system has resulted in \$400,000 in revenue gain per year for the utility. For more information, please visit [www.muellersystems.com](http://www.muellersystems.com).



## California Utility Proactively Installs EchoShore®-DX Acoustic Leak Detection System

After discovering three leaks of chlorinated potable water into freshwater creeks, the East Bay Municipal Utility District (East Bay MUD) took action to prevent future environmental damage and regulatory fines. East Bay MUD committed to installing an Echologics EchoShore-DX acoustic leak detection system including hundreds of individual nodes. With the first phase of deployment underway, the system has already detected eight (8) significant potential leaks within the utility's distribution system. For more information, please visit [www.echologics.com](http://www.echologics.com).



## Innovative Singer™ PR-SM Valve Delivers Reliability to Pennsylvania Utility

The Millcreek Township Water Authority (MTWA) provides water to two Pennsylvania townships. Due to a growing customer base, the MTWA had difficulty keeping pace with demand while maintaining adequate fire flow. To bridge the gap until new infrastructure can be built, the utility installed a Singer PR-SM pressure-reducing valve with integral backup. This innovative valve has helped the MTWA maintain pressure and serve its customers without interruption. For more information, please visit [www.singervalue.com](http://www.singervalue.com)



## Have a Product Development Idea?

Have an idea for a new product or service? See a gap in our offering? Submit your idea today! Simply visit our website, complete the form and we will be in touch: [www.muellercompany.com/products/request/](http://www.muellercompany.com/products/request/)

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## Need More Information?

If you need additional information, please contact your Mueller sales representative or Customer Service at (800) 423-1323, or send an email to [moreinfo@muellercompany.com](mailto:moreinfo@muellercompany.com). If you are not certain who your Mueller sales representative is, please visit <http://muellercompany.com/sales/>

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