



SENTRYX™ AMR

Automated Meter Reading Software

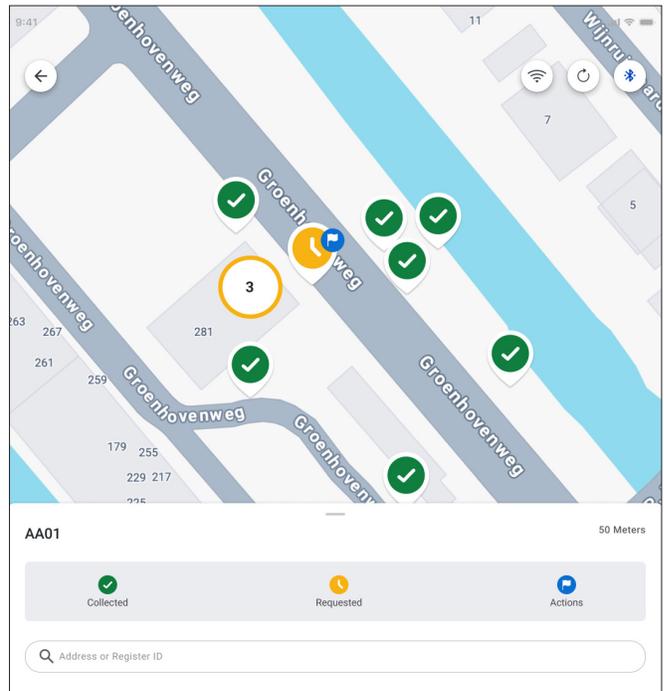
FEATURES

Applications: A complete Meter Data Management System (MDMS) designed for utilities using Automated Meter Reading (AMR) communication technology to collect water consumption and status information from meters. Sentryx AMR combines state-of-the-art software run through a browser for office workers and through a mobile device application for field technicians or meter readers. In the field, a Mobile Transceiver communicates with the AMR Nodes via a radio signal and exchanges data with the mobile application through a Bluetooth® connection. The data is sent from the mobile device, through a cellular or Wi-Fi® connection, to the database so that all utility personnel can access the same information in near real time.

Sentryx AMR is the superior choice for mobile utility meter reading by combining proven hardware, long range antenna performance, and easy to operate software which creates an attractive price and performance combination for utilities where AMR is the right choice. The software offers comprehensive functionality, unparalleled flexibility, and can help drive cost reduction initiatives.

Operation: Mueller Systems has a wide range of experience interfacing with many common billing systems, while also having the flexibility to quickly set up connections with other custom developed billing systems. The simple and efficient interface design eliminates unnecessary file duplication, maintenance requirements and opportunities for errors common to many other AMR systems. Sentryx AMR receives account information from the billing system; the download file contains customer, route, and meter information. The field technician/meter reader drives the route(s) to collect the data from the nodes. Then the data is securely uploaded through the mobile device to the cloud and office workers can then generate a billing file that is sent back to the billing software system.

Sentryx AMR allows for intermittent data collection in between billing cycles which allows users to more quickly identify leaks or other problems that can impact Non-Revenue Water (NRW). Data collection is not limited to a single route at a time; if the beacon from a node is within range of the antenna the intermittent data is collected. Up to three years' worth of historical data is retained for trend analysis and reporting. The built-in scalability of Sentryx AMR makes it the perfect solution for any utility with less than 250,000 endpoints.



Sentryx AMR can be run through any common browser application on a PC or Mac. Sentryx AMR mobile app is run on a mobile device with a downloaded app from the App Store or the Play Store.

MATERIALS AND SPECIFICATIONS

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| Account and routing information is received from the billing system |
| Meter reads are captured using a Mobile Transceiver connected via Bluetooth through the Sentryx AMR mobile app |
| Data is encrypted and secured at rest and in transit |
| Incremental data, up to hourly, can be collected in between billing cycles |
| Data can be captured on more than one route at a time, and is only limited by the range of the antenna |
| Data is presented on tables, charts, and maps |
| Custom reporting is available through advanced filtering, sorting, and exporting of data tables |
| 36 months of data is retained |
| An API is available to exchange data with other applications |
| Application is hosted on Amazon Web Services™ (AWS™) |

SYSTEMS OVERVIEW

UTILITY BILLING SYSTEM

Billing

Upload your file here

Choose File No file chosen

Maximum file size: 20 MB
Supported file type: .DAT

Active Billing Requests

| File Name | File Size | Uploaded At | Uploaded By | Status | Actions |
|--------------------|-----------|--------------------|---------------------|--------|---------|
| DOWNLOADRoute3.DAT | 1994.1 KB | 2/6/2026, 12:05 PM | username@sample.com | READY | Actions |
| DOWNLOADRoute3.DAT | 1994.1 KB | 1/20/2026, 9:37 PM | username@sample.com | READY | Actions |

Historical Billing Requests

| File Name | File Size | Uploaded At | Uploaded By | Status | Failure Reason | Actioned By | Actioned At | Actions |
|------------------|-----------|---------------------|--------------------|-----------|----------------|--------------------|---------------------|---------|
| DOWNLOADRoute... | 135.3 KB | 1/20/2026, 9:37 PM | username@sample... | COMPLETED | | username@sample... | 3/2/2026, 11:18 AM | Actions |
| DOWNLOADRoute... | 1994.1 KB | 10/28/2025, 3:37 PM | username@sample... | COMPLETED | | username@sample... | 10/28/2025, 4:16 PM | Actions |
| DOWNLOADRoute... | 1994.1 KB | 10/28/2025, 3:33 PM | username@sample... | COMPLETED | | username@sample... | 10/28/2025, 3:49 PM | Actions |

Information on routes, meters, customers, etc. is downloaded from the current Utility Billing System to Sentryx™ AMR. The application is then updated with new data collected in the field through routine meter reading operations via Sentryx AMR on a mobile device. When the read collection process is completed, a file is uploaded to the utility's billing system to generate water bills for consumers.

ABOUT MUELLER SYSTEMS

Where Intelligence Meets Infrastructure®

Mueller Systems provides Smart Metering solutions to optimize the delivery and use of water and energy. Municipalities that supply water need innovative ways to increase efficiencies, reduce costs, conserve water and energy, and improve customer service. The Mi.Net® Mueller Infrastructure Network for Utilities from Mueller Systems meets that need.

Mueller Systems develops meters and metering systems for the most demanding applications including residential, commercial and fire-line meters, Advanced Metering Infrastructure (AMI) / Automated Meter Reading (AMR) systems and related products. We provide utilities with infrastructure technology that enables them to access the intelligent, actionable data needed to increase efficiencies, reduce costs, conserve water and energy, and improve customer service.

Mueller Systems is part of Mueller Water Products, Inc., a leading manufacturer and marketer of products and services used in the transmission, distribution and measurement of water.

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