

MegaNet™

High Power AMI

Mueller Systems extends its commitment to providing utilities with smart metering solutions designed to increase efficiencies, conserve energy and water, and improve customer service, with the addition of MegaNet™, a high-powered, long-range, fixed-network advanced metering infrastructure (AMI) system. The MegaNet system complements Mueller Systems' other metering solutions, including the Mi.Net® infrastructure network AMI system and HotRod™ automated meter reading solution.

With the addition of the MegaNet system, Mueller Systems offers municipalities and utilities of all sizes a smart metering solution to help them improve customer service and meet their business needs.

With 2 Watt licensed radio transmission, the MegaNet system is simply the most powerful solution available in the industry. MegaNet deploys true end-to-end RF AMI. This creates one of the most reliable communication systems capable of delivering long-range results without the cost of, or dependency on, any third-party communications infrastructure such as cellular (GPRS), Internet, or telephone. The MegaNet technology is field-proven with more than two million transmitters installed globally.

Utilities can choose from completely managing their networks without the need for vendor-managed services or employ a hosted solution to assist with network monitoring. The MegaNet system is ideally suited for applications in which high power is required due to topology or other infrastructure challenges.

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Keeping Things Simple

The meter transmission units (MTUs) transmit meter usage and alarm data (from virtually all domestic meter manufacturers) directly to the Head-End, or in the case of long range or challenging topography, to a long range collector. The collector will verify the strength of the signal through the handheld device immediately on-site providing instant network verification.

Data is obtained and transmitted via the MTU. The Head-End unit receives transmissions from the collector or directly from MTUs. The data is then recorded and stored on an onsite server.

The data is displayed on the feature rich, intuitive data management software package referred to as MCM.



See back for Features

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MTU Endpoint Features

- Full 2 watts radio transmission
- Field replaceable lithium battery pack
- FCC licensed frequency
- Instant installation verification
- Automatically transmits critical alerts
- Backflow detection
- Leak detection – extreme or residual
- Allows security endpoint alarms
- Universal MTU
- Multi-port configurations
- Digital Pulse configuration



Collector Features

- No backhaul fees
- Full 6-watts of power
- High quality robust design for outdoor installation
- Automatic protocol detection
- Transceivers capable of up to eight channels
- RMR unlimited memory buffer
- Easy installation
- Efficient laptop or PC programming
- Lightning protection
- AC mains protection



Head-End Features

- Backup historical memory of previously received messages
- Minimal infrastructure
- Modular design enables expansion
- Automatic backup and unlimited historical data storage
- Illuminated control panel and large LCD display
- Built-in self-calculation of interrogation time of remote end-units
- Intuitive and user friendly MDM software

Find out more ways in which Mueller Systems can help you increase efficiencies, reduce costs, conserve water and energy, and improve customer service by calling us today at 1-800-323-8584 or visiting www.muellersystems.com.