Badger Meter

BEACON® Advanced Metering Analytics

Traditional Fixed Network Solution

OVERVIEW

The BEACON® Advanced Metering Analytics (AMA) traditional fixed network solution from Badger Meter combines the power of the intuitive, cloud-based BEACON AMA software with proven ORION® Fixed Network (SE) technology to provide utility management with hourly interval metering data to better manage their utility and resources.

Our traditional point-to-point fixed network system combines two-way smart meter endpoints with fixed network gateway transceivers for efficient collection of meter reading data.

SOFTWARE APPLICATIONS

BEACON Advanced Metering Analytics (AMA)

The BEACON AMA software suite brings greater visibility and utility management control. With tools beyond meter reading and network management, BEACON AMA software offers targeted Advanced Metering Analytics in a secure hosted platform. The innovative software puts metering data to work with easy-to-use data tools for the utility to increase efficiency in day-to-day utility operations and address demands for actionable intelligence.

- Customizable dashboards to deliver information in a format matched to utility requirements
- Ability to set unique alert conditions to define and monitor exceptions
- Automatic software upgrades
- Integration with your utility systems: billing, work order, inventory, Customer Relationship Management (CRM) and Geographic Information Systems (GIS)

EyeOnWater® Consumer Engagement (Optional)

The BEACON AMA software suite includes informative consumer outreach tools to improve customer service, consisting of the EyeOnWater consumer engagement website, smartphone mobile apps, and email or SMS text alerts, providing easy access to personal consumption data and alerts to potential leaks. With these tools, water consumers are able to view their usage activity, and gain a greater understanding and control of what they use and the value you provide.

HARDWARE

ORION Fixed Network (SE) features high-powered meter endpoints and easy-to-use network data collectors to deliver precise daily meter information right to your desktop.

ORION Fixed Network (SE) Endpoints

The ORION Fixed Network (SE) endpoint is a two-way water endpoint for use in fixed network meter reading deployments. ORION Fixed Network (SE) endpoints initially operate in mobile priority mode and automatically transition to fixed network priority mode of operation once ORION network gateway transceivers and BEACON AMA software are deployed. The endpoint automatically transitions back to mobile priority mode if the network is disrupted for an extended period of time

ORION Fixed Network (SE) Network Gateway Transceiver

The ORION Fixed Network (SE) network gateway transceiver receives, stores and sends water metering data from surrounding ORION Fixed Network (SE) meter endpoints to the BEACON AMA cloud-based software via a cellular data network or LAN backhaul. Network gateway transceivers deployed under a BEACON AMA traditional fixed network solution are owned, maintained and supported by the utility.

Product Data Sheet

SECURITY

BEACON AMA is ISO 27001 certified and SOC 2 examined for security, availability and confidentiality.

TECHNICAL SUPPORT AND TRAINING

Configured for the utility, the safe and secure hosted BEACON AMA software suite provides utilities with regular updates, long-term support and maintenance. Comprehensive training is provided at the time of system deployment. To maintain best practices, a library of online videos and options for web-based training and support are also available. Once deployed, our technical support specialists can be contacted by phone, email and web to provide ongoing, customer-friendly support.

Additionally, Badger Meter offers extended customized training to further enhance user expertise.

TECHNICAL REQUIREMENTS

BEACON AMA

Developed as a hosted software platform, BEACON AMA is a cloud-based application accessed through a standard web browser. Internet access is required. User logins provide secure access.

Supported web browsers include: Google® Chrome (29 or higher); Microsoft® Internet Explorer® (10 or higher); Apple® Safari® (5 or higher); Mozilla® Firefox® (23 or higher).

EyeOnWater Consumer Engagement

The EyeOnWater consumer engagement website is a cloud-based application accessed through a standard web browser. Internet access is required. Water consumer user logins provide secure access to their information.

Supported web browsers include: Google® Chrome (29 or higher); Microsoft® Internet Explorer® (10 or higher); Apple® Safari® (5 or higher); Mozilla® Firefox® (23 or higher).

EyeOnWater smartphone applications require Android 4.1 or iOS 8.2 or higher, and can be downloaded from Google Play or the Apple Store. Maximum screen density for Android smartphone applications is 640 ppi.

Making Water Visible®

www.badgermeter.com