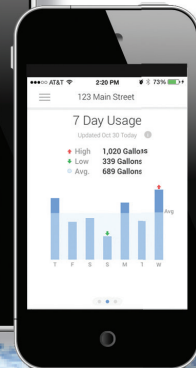# Badger Meter

BEACON® Advanced Metering Analytics (AMA)

SMART WATER IS *BADGER METER*

BEACON® Advanced Metering Analytics – Clearly Better

BEACON® Advanced Metering Analytics (AMA) from Badger Meter puts your meter reading data to work to address your demands for actionable intelligence—and improve your water utility operations.

The BEACON AMA solution combines the intuitive BEACON AMA Software as a Service (SaaS) with a Network as a Service (NaaS) approach using proven ORION® Cellular endpoints to deliver a simple yet powerful end-to-end solution. Built-in infrastructure management services and flexible system design eliminate maintenance and technology concerns.

Your clear path to better utility management begins today with BEACON AMA.

Better information. Better utility management. **Clearly Better**.
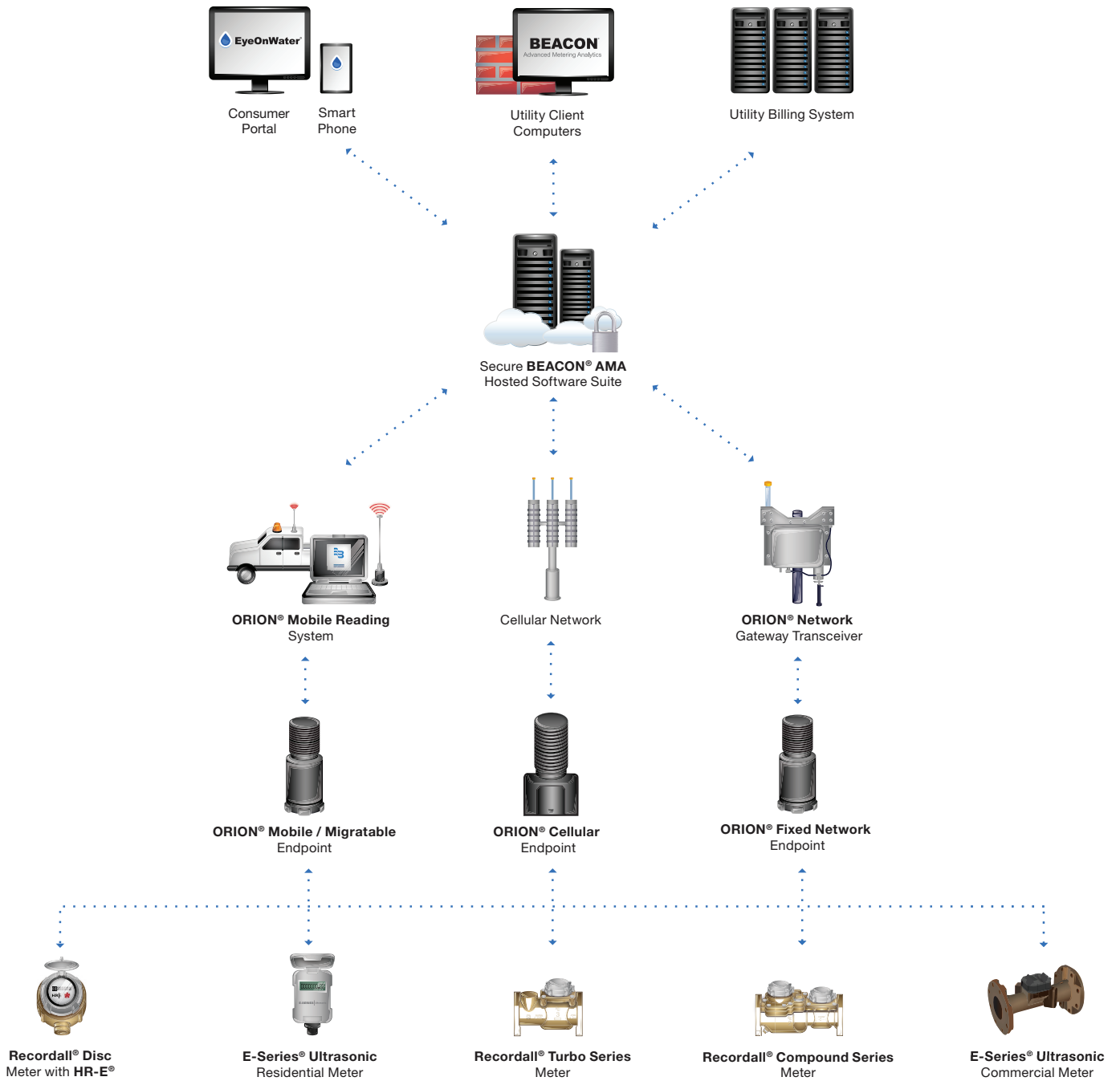
Turn Your Data into Proactive Intelligence

Fast, easy access to powerful information is imperative for utilities. You need it. Your customers expect it. And increasing government regulations demand it.

Built around our robust software suite, BEACON Advanced Metering Analytics will put your meter reading data to work to address your demands for proactive intelligence—giving you greater visibility and control over utility management.

How BEACON AMA Works

BEACON AMA connects your meter reading data to powerful analytics, giving you all of the tools you need to optimize your utility management.

Consumer Portal   Smart Phone

Utility Client Computers

Utility Billing System

Secure **BEACON® AMA** Hosted Software Suite

ORION® Mobile Reading System

Cellular Network

ORION® Network Gateway Transceiver

ORION® Mobile / Migratable Endpoint

ORION® Cellular Endpoint

ORION® Fixed Network Endpoint

Recordall® Disc Meter with **HR-E®**

E-Series® Ultrasonic Residential Meter

Recordall® Turbo Series Meter

Recordall® Compound Series Meter

E-Series® Ultrasonic Commercial Meter

The Features You Need

From customer service to revenue management, you can count on BEACON AMA to offer all of the features you need to transform your data into proactive intelligence for easy decision making.

Features include:

- Customizable dashboards to deliver information in a format matched to your requirements.
- Numerous alert conditions to monitor system performance.
- Customer service tools, including a consumer engagement website and smartphone and tablet apps, enable access to individual customer information.
- Secure, cloud-based—ISO 27001 certified and SOC 2 examined for security, availability and confidentiality.
- Automatic software updates.
- Built-in API's and data exchange modules support data transfer to utility billing, work order, inventory/asset management, Customer Relationship Management (CMR), Geographic Information Systems (GIS) and other utility systems.

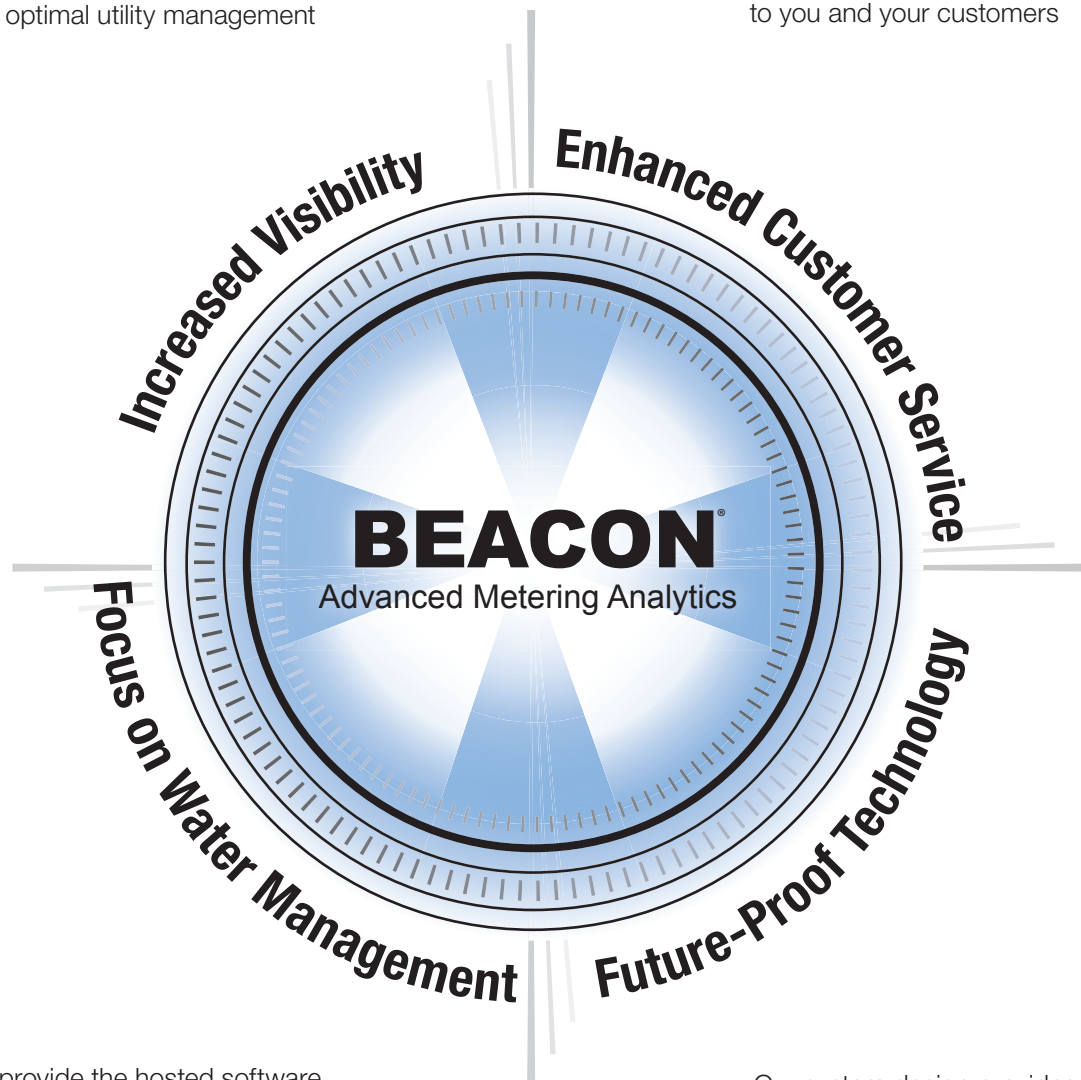EyeOnWater® consumer engagement portal and smartphone app

Clear Information. Clear Benefits.

From customer service to revenue management, you can count on BEACON AMA to transform your data into actionable intelligence. BEACON AMA provides these valuable benefits:

Advanced Metering Analytics provides proactive intelligence for optimal utility management

Powerful data tools provide greater water usage visibility to you and your customers
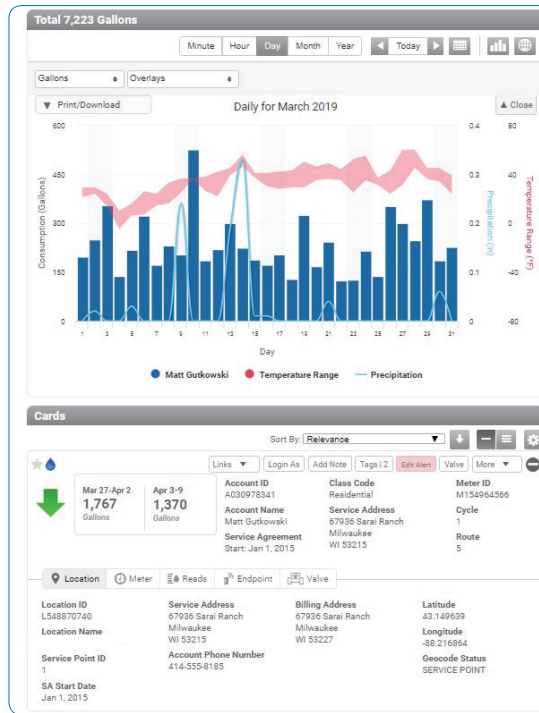
Increased Visibility

Enhanced Customer Service

BEACON®
Advanced Metering Analytics

Focus on Water Management

Future-Proof Technology

We provide the hosted software platform, system maintenance and software support and allow you to focus on what you do best

Our system design provides the flexibility to keep you in step with technology advancements

Increased Visibility Through Analytics

- Customizable dashboards to deliver system-wide information to your desktop or device.
- Ability to proactively monitor exceptions.
- Automatic software upgrades keep your system up to date without discs or downloads to install.
- Built-in APIs and data exchange modules support data transfer to utility billing, work order, inventory/asset management, Customer Relationship Management (CRM), Geographic Information Systems (GIS) and other utility systems.
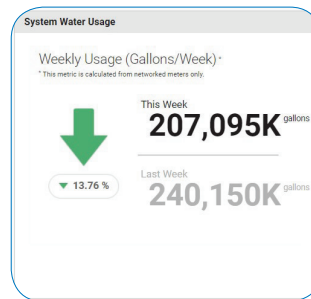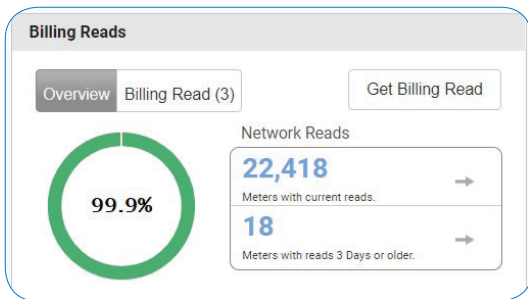

Enhanced Customer Service

- Consumption graphs with temperature and precipitation overlays provide an easy to understand picture of how water is being used by each customer.
- Consumer engagement website and smartphone/tablet app provide your end water customers with easy access to their usage activity to gain a greater understanding and control of their consumption patterns.

The BEACON AMA software suite and ORION family of endpoints bring utility-optimizing information to light

Your customers will be able to view and track their water usage with a consumer engagement website and/or smartphone/tablet app

Focus on Water Management

- All BEACON AMA solutions include the hosted software platform, system maintenance, software support and management information that allow you to focus your time and resources on managing your water delivery system.
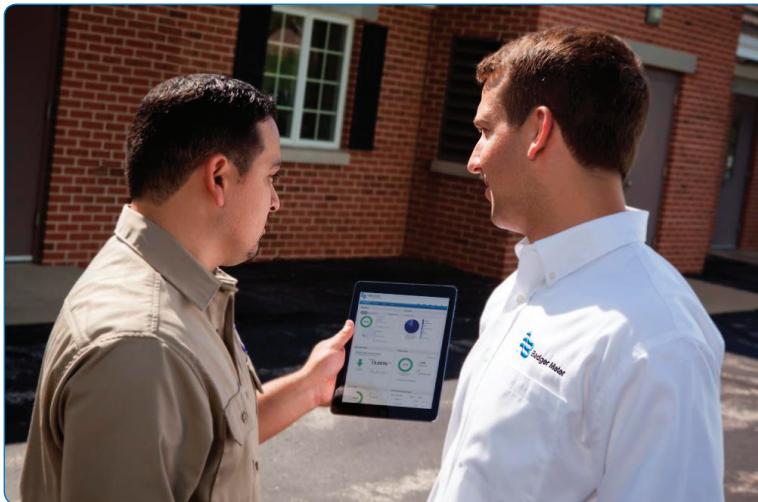
Future-Proof Technology

- With a BEACON AMA solution, you receive the hosted BEACON AMA SaaS with regular updates and ORION NaaS with the latest ORION Cellular endpoint technology to future-proof your investment and keep your system in step with changes in technology.

Customizable Solutions to Fit Your Needs

Badger Meter offers a choice of managed, traditional fixed network, mobile, and consumer engagement solutions to meet your system management, water meter reading, reporting and outreach needs. Select the solution that is right for your utility:

- **NaaS**: With ORION Cellular endpoints, this solution leverages existing cellular networks to provide AMI benefits without infrastructure for the utility to manage, which offers utilities superior flexibility, reliability and efficiency.

- **Traditional Fixed Network Solution**: Our traditional point-to-point fixed network system combines smart meter endpoints with fixed network gateway transceiver technology.

- **Mobile Solution:** A comprehensive end-to-end solution for drive-by or walk-by meter reading.

- **EyeOnWater® Consumer Engagement**: Powered by the hourly reads of a NaaS or fixed network system, web portal and smartphone apps provide utility customers with access to their water consumption data, allowing them to view their usage activity and gain a greater understanding and control of the water they consume.

ORION Endpoints

The BEACON AMA solutions utilize our time-tested ORION family of endpoints to capture interval meter reading data through cellular, fixed network, or mobile communication technologies.

- **ORION Cellular:** Designed for maximum flexibility and rapid deployment, our water endpoint eliminates utility-owned infrastructure by utilizing existing cellular networks.

- **ORION Fixed Network (SE):** This system collects meter readings and enhances operations via a fixed network (AMI) system of gateways and endpoints.

- **ORION Migratable (ME):** This mobile (AMR) system collects meter data via drive-by and walk-by reading.

ORION Cellular LTE-M and LTE, ORION Fixed Network (SE) and ORION Migratable (ME) Endpoints

Simplicity and Peace of Mind

When you choose BEACON Advanced Metering Analytics, you are assured all the advantages of a solution backed by Badger Meter—plus a delivery method designed for simplicity and peace of mind.

With BEACON AMA, you receive the hosted BEACON AMA SaaS and ORION NaaS with ORION Cellular endpoints. And, with our flexible system design, we help future-proof your technology investment for many years to come.

BEACON Advanced Metering Analytics (AMA) brings peace of mind to your utility operations

Your Choice Matters

Powerful analytics start with accurate, reliable meters. Badger Meter offers a comprehensive water meter product line for residential, commercial and fire service applications. Choose between our NSF-compliant family of Recordall® or E-Series® meters available in many different housing materials including BiAlloy, engineered polymer or stainless steel.

Your choice in a water metering solution counts—choose from the many Badger Meter offerings to find a solution that meets your specific needs.

Learn More

To learn more, visit www.badgermeter.com/BEACONAMA, call 800-616-3837 or contact your local sales representative.

SMART WATER IS BADGER METER

www.badgermeter.com