

# UtilityIQ® Advanced Metering Manager

## Designed to leverage existing infrastructure and position you for growth.

- » More efficient allocation of inventory and support expenses
- » Reduced equipment and maintenance costs
- » Dramatic reduction in manual meter reads and more accurate billing
- » Implemented via intuitive Web-based interface
- » Seamless integration with other mission-critical applications, web-service APIs and enterprise message bus
- » Increased meter-reading accuracy and reliability
- » Faster detection and inference of outages and restoration
- » Quick network recovery following outage
- » Early detection of meter failures and improved energy theft detection
- » Foundation for deployment of energy efficiency, demand response, and automated outage management programs

## Raising the bar for Advanced Metering

The Silver Spring Smart Energy Platform combines network infrastructure, software, and professional services to enable a range of smart grid applications. Utilities often begin their smart grid deployments with Advanced Metering.

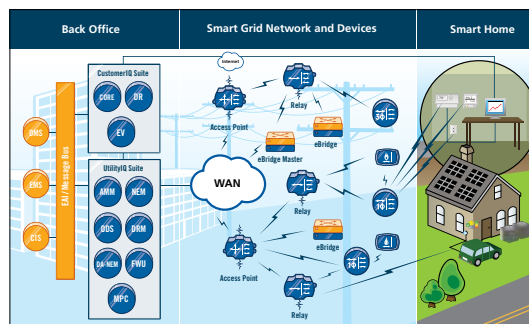
Part of the Silver Spring UtilityIQ application suite, UtilityIQ Advanced Metering Manager (AMM) encompasses advanced metering and basic network management. Maximize infrastructure investment with an automated, reliable and scalable utility network. Measure, collect and analyze energy usage and improve communications with customers, suppliers and service providers, whether you distribute electricity, gas or water services. With UtilityIQ AMM and network-enabled meters, two-way real-time networking becomes cost-effective for the mass deployment of Advanced Metering.

As part of Silver Spring's implementation of an IP-based smart grid network, UtilityIQ AMM is part of

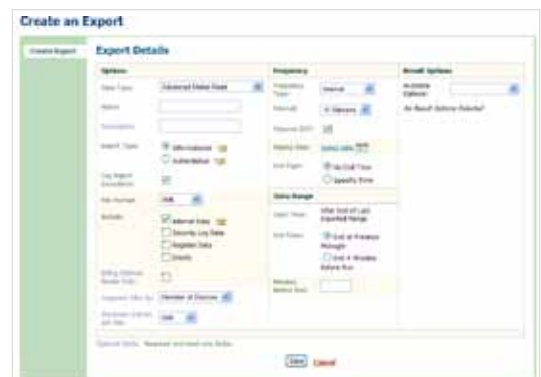
a multi-application network that meets the future bandwidth and latency requirements of utilities. It can virtually eliminate human error and maximize efficiencies through automation, innovative rate structures, rapid response to outages, improved security monitoring and increased reliability.

By creating a two-way connection with customers, your system can respond in the utility's best interests while accommodating customer preferences. UtilityIQ can change usage patterns in response to changes in price or peak-demand periods, letting all stakeholders collaborate in demand response programs to maximize cost efficiencies and reduce energy consumption.

By enabling real-time, automated monitoring of the distribution network for increasing efficiency, UtilityIQ AMM improves system responsiveness, promotes conservation and isolates outages before a single customer calls, making it a more reliable network overall. Gain enhanced control over all activity across the entire distribution system.



An advanced, IP-based network enables the smart grid—from the data center to the customer premise.



UtilityIQ Advanced Metering Export Changes

## About Silver Spring Networks

Silver Spring Networks is a leading Smart Grid solution provider that enables utilities to achieve operational efficiencies, reduce carbon emissions and empower their consumers with new ways to monitor and manage their energy consumption. Silver Spring provides the hardware, software and services that allow utilities to deploy and run multiple advanced solutions, including Smart Metering, Demand Response, Distribution Automation and Distributed Generation, over a single, unified network. The Silver Spring Smart Energy Platform is based on open, Internet Protocol (IP) standards, allowing continuous, two-way communication between the utility and devices on the grid. Silver Spring has numerous deployments with leading utilities in the US and abroad, including Florida Power & Light, Pacific Gas & Electric, Pepco Holdings, Inc., Jemena Electricity Networks Limited and United Energy Distribution, among others. For additional information, please visit [www.silverspringnetworks.com](http://www.silverspringnetworks.com).

# UtilityIQ® Advanced Metering Manager

## When information must be managed



*UtilityIQ Advanced Metering On-demand Read*

UtilityIQ AMM lets utilities read all major types and varieties of electricity, water and gas meters remotely and efficiently on configurable schedules. It manages meter data for value billing, operations, demand response, marketing, load

forecasting and customer service. Securely accessed by an intuitive Web-based interface or advanced web APIs, UtilityIQ AMM supports remote disconnect/reconnect services and transmission of load and price control signals to endpoint devices. Real-time, on-demand readings and “pings” enable customer service personnel to extend immediate support for billing inquiries and outage/restoration.

## Management reports deliver new insight



*UtilityIQ Advanced Metering Details Report*

UtilityIQ AMM’s management reports deliver a new level of understanding of customer energy demand, usage patterns, load profiling and capacity planning. Management reports can be produced for any time period and filtered by customer name, location, service type, billing period or other relevant criteria. Reports may also be integrated in Demand Response applications, giving customers up-to-date information about energy consumption and expected billing rates. Reports can include:

- » Interval, time-of-use (TOU), and consumption reads by customer account or by meter
- » Inventory meter installations by customer premise
- » Device performance and reliability

## Visibility with results



*UtilityIQ Advanced Metering Planning*

Utility personnel can schedule tasks, as well as create and view reports securely via the intuitive interface. UtilityIQ AMM displays current interval, time-of-use, consumption and security data, as well as premise information associated

with the meter. UtilityIQ AMM provides easy access to each meter’s current program, settings, attributes and schedules. Operators may also analyze energy consumption patterns for more accurate forecasting and planning, resulting in improved cost savings and customer service.

## Seamless integration

UtilityIQ AMM provides a rich set of standards-based service APIs and a message broker that enables secure, extensible integration with customer information systems, billing, demand response, distribution automation, outage management and other mission-critical applications.

