

UtilityIQ® Meter Program Configurator

Features

- » Supports native (e.g., C12.19) programming for advanced meters from GE, L+G, and PRI
- » Configures registers and intervals on Communications Modules for programming energy-only meters.
- » Supports importing of native meter programs from meter vendors' programming software
- » Stores meter programs for future use
- » Transfers new programs to selected meters wirelessly without any truck rolls
- » Updates UtilityIQ with new programs for automated approval
- » Enables and disables self reads and offset times
- » Runs automated, recurring audits of meter programs

Program one meter or millions simultaneously

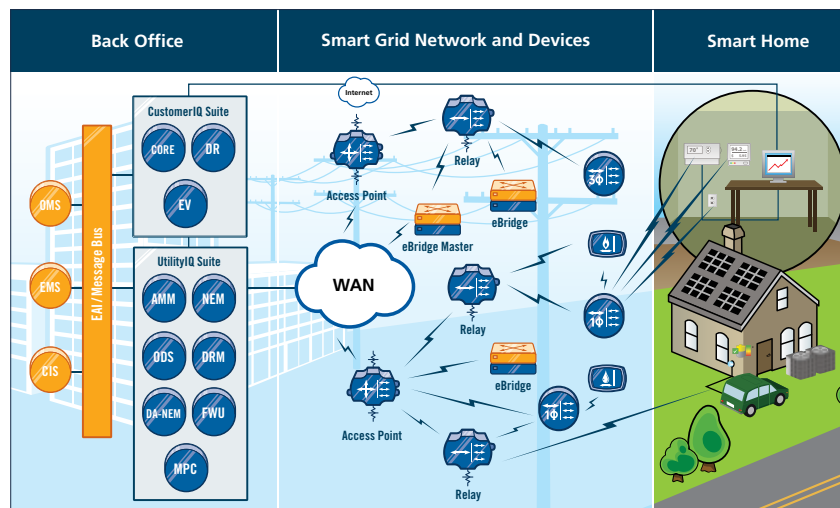
The Silver Spring Smart Energy Platform combines network infrastructure, software, and professional services to enable a range of smart grid applications. Recognizing the need to program and configure meters, Silver Spring provides the UtilityIQ Meter Program Configurator (MPC).

Part of Silver Spring's UtilityIQ application suite, MPC enables wireless, remote programming of electricity meters on a mass scale. UtilityIQ MPC operates in two modes: Programming of Silver Spring Communications Modules in energy-only digital meters and native (e.g., C12.19) programming for advanced digital meters.

With programming of Communications Modules, each program is created and modified in UtilityIQ MPC. The following program attributes can be created or edited:

- » Data log channels and associated sources
- » Self read enable / disable
- » Self read channels and sources
- » Self read offset time
- » Interval width

For native programming, for example, using C12.19 tables, UtilityIQ MPC stores, distributes, and executes program and configuration changes on each meter. Native meter programs are composed in the meter manufacturer's software and imported into UtilityIQ MPC. Each program is then distributed across the Silver Spring network and installed on each target meter.



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

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.

UtilityIQ[®] Meter Program Configurator

UtilityIQ Meter Program Configurator employs the point-to-point method to deploy programs to meters individually or to millions of meters simultaneously.

Track and control meter programs

UtilityIQ Meter Program Configurator tracks meter programming jobs as projects. Each project consists of program parameters, a specific list of meters, and a project runtime configuration. Projects provide a way to control which meters are reprogrammed and when, allowing utilities to easily track meters and their associated programs. Without rolling a single truck, utilities can use UtilityIQ Meter Program Configurator to reprogram millions of meters in response to the dynamic energy environment, rapidly introduce new initiatives, and respond to changes in customer demand. UtilityIQ Meter Program Configurator helps utilities streamline their operations and increase operational efficiencies.

Integrated with UtilityIQ Advanced Metering Manager for verification

When UtilityIQ Meter Program Configurator successfully configures and validates a meter with a new program, it automatically notifies UtilityIQ Advanced Metering Manager (AMM) of the change. In addition, the meter re-initializes and sends its program to AMM for verification and approval. Because AMM received the program change directly from MPC, it automatically approves the new initializing meters.

Manage the Smart Grid

UtilityIQ Meter Program Configurator is a key component to managing the smart grid. The UtilityIQ suite of smart energy applications encompasses the foundation for Energy Efficiency and Demand Response programs. It also provides outage detection and management, as well as secure network policies for now and the future. Utilities can enable optimal utilization of field resources, network management, and endpoint connectivity with UtilityIQ Meter Program Configurator.