

Advanced Metering Infrastructure



Leverage energy data with smart metering to develop your smart grid plan.

To make better decisions about electric, gas and water consumption consumers need data. It starts with smart metering at the point of use, and no one provides more options—on an open network—than Eaton.

Make your existing meters smarter.

Eaton's open metering network means the investment you have in your current metering solution needn't be wasted. Build on what you have rather than starting from the ground up. It's an efficient and cost-effective way to give consumers the information they expect and gather the data you need.

Using less and saving more.

By providing insight into when and what is being used, consumers are better equipped to make the changes needed to lower energy consumption and minimize expenses. The information gleaned from our Advanced Meter Infrastructure (AMI) solution supports more efficient operations and helps you implement measures that will benefit your customers well into the future.

Intelligent metering hardware and software enable expansion any time.

Eaton offers an end-to-end solution that grows as your Smart Grid plan evolves. Installed on your existing infrastructure to minimize cost and complexity, the Eaton network and software applications address complex energy automation operations within a multi-faceted (electric, water and gas) utility while being supported by a variety of back-office applications. It is easily scalable as your utility needs evolve.

Intelligent meters are universally supported and competitively priced.

Eaton can provide a broad range of truly universal meters—all of which are equally supported. Eaton's Yukon Advanced Metering Infrastructure (AMI) mesh network with two-way communications allows for remote configuration, gap filling of any interval data, over-the-air firmware updates, and full network security. With our communication module's feature set, Eaton will provide your utility significant capabilities via cost-effective meters as opposed to competitive solutions that require more expensive meters to deliver the same set of features. These include: TOU rate implementation; net metering; load profile; voltage alarms and power quality data; and real-time outage.



Powering Business Worldwide

Advanced Metering Infrastructure



One company, one network,
and one open software platform.

Ensure actionable, measurable and sustainable results.

- Build an expandable, future-proof, RF mesh network
- Design for full solution deployments or dispersed installation of high-value applications
- Leverage low-cost meters to provide high-cost functionality
- Deliver data through more available real-time alarms, events and intervals than other providers
- Furnish decisive real-time outage and voltage and demand alarms
- Deliver bi-directional (Net) metering

For utilities large and small, smart metering solutions mean better business

- Improve communication with customers
- Enhance overall measurement accuracy
- Detect tamper conditions promptly
- Discover leaks quickly
- Monitor outage detection and restoration faster
- Manage customer inquiries automatically with actual meter information
- Improve transformer load analysis
- Control debt-related service with pre-paid metering

Enable consumers to monitor and adjust utility services

- Make informed decisions based on actual energy use
- Provide greater energy control with time-based rates
- Improve provider reliability
- Eliminate estimated bills
- Reduce expensive water leaks
- Automate notification processes
- Provide new product and service offerings

If you are just getting started, Eaton can deliver everything. One company, one network and one software platform, with all devices delivered by a single partner.

Electric metering options:

Landis+Gyr
Itron
Elster

Water metering options:

Sensus
Badger Meter
Mueller Hersey
Elster AMCO
Itron
Master Meter
Neptune
Metron Farnier
Zenner
and more...

Eaton.com/smartgrid

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