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EnergyIP MDM Application

Leverage your data to unlock the full value of your smart metering investment

The must-have application for smart meter planning and deployment.

The Siemens EnergyIP Meter Data Management (MDM) application automates smart meter data management business processes. Its comprehensive set of tools enables utilities to address traditional utility use cases, such as meter-to-cash billing data, as well as emerging use cases that leverage register, interval, and time-of-use IoT device data to support a variety of mission-critical enterprise applications.

Siemens EnergyIP MDM is being employed by utilities worldwide to meet their unique requirements. In North America, the focus continues to be on improving billing processes while providing high-quality data for advanced analytics use cases. In Europe, MDM is being leveraged for planning smart metering roll-outs and market settlements. And in Asia, MDM is being used to manage the growing number of smart meter devices and associated data and provide accurate information to utility customers.

Single application solves a range of business challenges

When choosing a MDM application, there are three key metrics utility professionals should focus on to maximize the return on their smart grid investment:

- Reduced operational costs with improved quality of service
- Reduced labor costs for exception-handling
- Reduced costs for system integration with new AMI head-ends and enterprise applications

Siemens EnergyIP MDM Application – Sample Use Cases

- Manage and operate all smart device-related processes and data acquisition systems.
- Coordinate the installation process and provisioning of meters and smart devices.
- Manage and communicate with all meters and devices and receive problem notifications when tampering, fraud, outages, and other events occur.
- Leverage data to prioritize field crew dispatches for repairs and outages.
- Broker data transactions, including interval reads for billing, with multiple stakeholders.
- Correlate grid device data with IoT devices, such as meters, to accurately identify issues and loads on distribution assets.
- Estimate and fill gaps in meter reads for accurate billing.
- Manage and resolve meter-to-cash exceptions.
- Track and manage data transactions for audits.
- Manage new metering points, including customer-side distributed energy resources like solar, combined heat and power (CHP), and electric vehicles.
- Create relevant data and event filters for the outage management system (OMS).
- Prepare data for daily and hourly market settlements.

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