

# EnergyIP™ Meter Data Management System

## Smart Solutions for Energy Distribution

### Industry need

Utilities are faced with the emergence of greater demands on their assets and infrastructure than ever before. A combination of market, regulatory, environmental and operational forces is driving the utility to provide Advanced Metering Infrastructure (AMI). AMI enables unprecedented amounts of data to be distributed throughout the enterprise. The challenge is in using this data throughout the utility to make its operations leaner, more flexible, more environmentally conscious and more responsive to its customers.

### Siemens answers for smart metering

Siemens has partnered with segment leader eMeter Corporation to supply Meter Data Management System (MDMS) software, EnergyIP™. This relationship supports customers who want to leverage the full benefit of accessing and disseminating metering data and efficiencies in distribution planning, outage and asset management as well as operations.

Combining Siemens distribution planning and operational expertise with state-of-the-art MDMS software provides customers a scalable, flexible AMI foundation. EnergyIP™ delivers ongoing cost improvement while supporting enhanced functionality into the future.

### Why EnergyIP™?

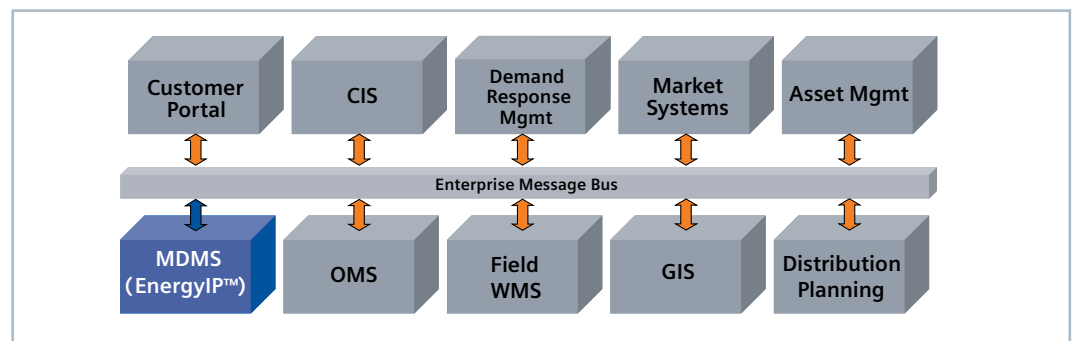
Combined with Siemens' smart grid knowledge, EnergyIP™ provides near real-time metering data to other smart assets throughout the utility, enabling:

- Critical load flow analysis
- Reliability analysis, including SAIDI and CAIDI
- Virtual measurement of asset failure predictors
- Distribution asset communication
- Detection of outage and location
- Restoration from outage
- Load shedding to conserve energy and cost
- Load management for operation.

The MDMS backbone powers critical AMI applications including validation, estimation and editing, billing determinates, support for meter deployment and logistics, Home Area Network support, demand response, remote connect/disconnect and more.

Add in Siemens' best-in-class EMS and DMS management systems and the utility now has the power to harness its infrastructure for current and future demands.

### Best-in-class MDMS architecture



Metering Services

Answers for energy.

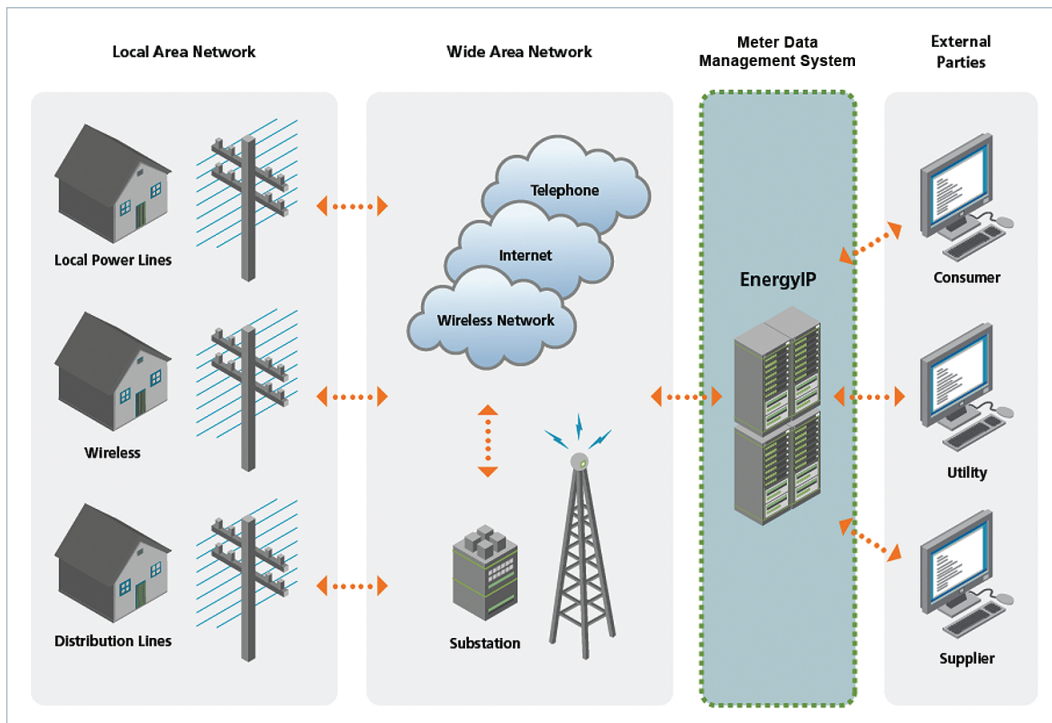
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## EnergyIP™ MDMS provides access to any AMI system

EnergyIP™ plays a strategic role in allowing the enterprise IT landscape to be meter and metering technology agnostic. Siemens allows you to select and optimize the metering solution that best meets your business needs. Although a small fraction of the AMI investment, the MDMS is at the heart of the overall solution, fueling utility business processes with enhanced near real-time data.

## A superior supply team to maximize return on your AMI investment

Whether your AMI investment will be focused on enhanced meter to cash processes, increased customer choice or improved customer service, EnergyIP™ implemented and integrated by Siemens provides you with the dynamic AMI platform needed to maximize your investment in the future.



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