EnergyAxis® AMR System

Your Total Enterprise AMR solution

- Affordable entry–level pricing allows growth from one to over a million nodes through a distributed, three-tier system architecture

- Handles public telephone, cellular wireless, and other communications systems

- Provides tools to lower energy consumption

- Manages complex integration of multiple meter types and collection systems

- Meets changing market demands for immediate, accurate and validated meter data

- Offers the full advantage of ABB's advanced communications platforms and metering capabilities

- Provides an enterprise solution for regulated and deregulated energy markets, suited for metering all types of service territories

- Supports advanced ANSI commercial electronic meters

- Integrates with other ABB applications such as CADOPS™ Software for Distribution Operations and Energy Profiler Online™ (EPO) for customer web data publishing

- Accommodates third–party communication technologies and collection systems

World-class technology partners

- Oracle® databases assure stability and organization of data

- Java™-based user-friendly interface using familiar Microsoft® Windows® style guides operating with Windows NT®

- IBM® middleware and transaction processing software allows cost-effective deployment and scalability

- Sun Microsystems Inc. UNIX servers offer unparalleled stability

- Uses industry-standard XML technology for web-based transactions

- Distributed architecture on a PC platform allows cost-effective deployment and scalability

Affordable modular configurations

- Entry-level pricing allows "pay as you go" expansion

- Designed for scalability from one to thousands of C&I load profile type meters and millions of residential consumption meters

EnergyAxis® AMR System
Your Total Enterprise
AMR Solution

- Accommodates all business needs, addressing advanced energy information demands critical to utilities, energy marketers and customers

- Expandable for water and gas meter data

- EPO integration available in any size network configuration

Web-based data access
- Uses standard web browser for data access

- EPO integration addresses all metering, billing and operational information needs

- Web Report Manager creates standard or custom reports for viewing data, sharing with other users, or exporting it to other applications

- Status of meter communications immediately available using data validation, editing, and estimation and event logs

- View and create standard or customized operational reports in web browser, using filters and enhanced sorting capabilities

Report and data management
- Access for energy managers to usage data and analytical capabilities via web browser

- Generate estimated bills on energy usage

- Print, export or view reports online

- Simplifies export of meter information to end user for analysis and billing

- Simultaneous access to meter database with customized data outputs

- Stores collected meter data for a year or more

Energy Management programs

- Supports intuitive workflows for tracking meter installations, meter reading, other system processes

- Utilizes real-time pricing and time-of-use rates

- Supports billing, customer service, call centers, metering, distribution, engineering, power quality, outage management and settlement processes in deregulated markets

- Collect data from variety of ABB and other commercially available ANSI electronic meters

- Compare, measure, download energy usage information for analysis

- Monitor power outages, restoration status and other critical meter events

- Participate in real-time pricing and load curtailment programs

- Power quality and outage event manager options provide information either directly from meter's alarm call-in or during scheduled or on-demand reads

- Identify building and operational components impacting energy costs using current and historical data

Multi-application integration
- Quickly route event data by file transfer to distribution operation centers, marketing departments or direct to outage management systems such as ABB's CADOPS software.

- Import data from legacy meter data collection subsystems such as MV-90 as well as large-scale walk-by, drive-by or fixed network AMR systems

- Integrates with external IT systems using standard application program interfaces

ABB