



# AclaraONE® Software Solutions

## One Network for Everyone



Prepare for the fast pace of technology development and adaption in the AMI space. You need a resilient turn-key solution provider you can trust. AclaraONE® is the One Network for Everyone, delivering effective options, growth, and performance for years to come.

Unlock, analyze, and apply critical meter and device data through a single, customizable interface designed for utility personnel. Our platform helps you manage distribution infrastructure, integrate key business processes, and optimize operations. Gain improved reliability and position your utility for future success.

### OVERVIEW

Operate gas, water, and electric distribution networks securely and reliably. This single comprehensive package empowers effective communications technology. Transform your business operations with increased efficiencies to reduce costs and increase customer satisfaction.

Our unified platform delivers the broad functionality set required to monitor, optimize, and improve your utility network. The robust, scalable next-generation smart infrastructure solution (SIS) software provides actionable insights and situational awareness, allowing you to react faster and effectively to growing distribution challenges. Control everything from meter-to-cash, network management, distribution operations, sensors, and analytics.

### BENEFITS

- Meter-to-cash software delivers consumption-based and billing analytics as well as a portal for customer service agents in a single, centralized enterprise service
- Network management functions link securely to critical business systems through one central head end for gas, water, and electric devices on our RF, cellular, and powerline communications network, TWACS (Aclara's two-way automatic communications system)
- Electric network operations capabilities help you rapidly shed load during peak periods, pinpoint outages on low-voltage power lines using analysis of meter data, analyze data from smart grid sensors to detect and locate faults, classify various line disturbances, and monitor power quality across all three phases of medium-voltage distribution networks
- Water and gas network operations can monitor consumption, pressure, and leak detection with configurable alarms and analytics for relevant and actionable information
- Analytics software extracts information from your meter and distribution network sensors data for real-time insights and event alerts





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### FEATURES

The AclaraONE® software platform allows you to easily manage distribution operations, sensors, and analytics gas, water, and electric AMI space.

#### Distribution Operations

- Our platform gives you insights and confidence to safely monitor, manage, and control grid assets even in challenging circumstances
- Innovative load control optimizes grid efficiency, allowing you to manage and rapidly shed load during peak periods
- Distribution automation solutions provide standards-based (i.e., DNP3) communications and control to both intelligent electronic devices and older analog devices
- Grid monitoring detects faults and integrates with data historians as well as SCADA, OMS, or DMS systems

#### Sensors and Analytics

Analyze data collected from meters and sensors on your existing gas, water, and electric networks to deliver targeted, actionable insights. Our robust solution and options help you improve operations and maximize customer benefits. Available options include:

- ExactaGuard methane sensors detect residential methane leaks to enhance safety and help reduce emissions
- ZoneScan software collects data from sensors monitoring points throughout the water distribution network, correlating it at your office to provide visual identification of probable leak locations
- District Metering Area (DMA) analytics improve your water supply qualitatively and quantitatively, solving non-revenue water loss, uniform pressure, and conservation challenges, and improving customer service
- Pressure Monitoring actively screens your distribution network, collecting detailed, accurate and actionable data on water data
- ExactaGuard pole and conductor sensors monitor and detect leaning and fallen poles, and hazardous conditions such as fires from downed power lines

#### Network Management

Secure AclaraONE software links your network to critical business systems. One centralized head end for gas, water, and electric devices works across our RF and TWACS communications systems.

- Installs, recognizes, and administers gas, water, and electric devices, pairing them with our communication modules through one easy-to-use interface and user experience
- Supports secure roles-based access, with single-sign-on, user authentication, and integration with Microsoft Active Directory®
- Provides over 100 health-alarms and software-generated analytics alerts

#### Meter-to-Cash

Our integrated meter-to-cash software provides a single, centralized enterprise service that delivers billing data accuracy. Our cloud-based platform supports end-to-end data validation, estimation, and editing (VEE), integrated reads, and billing determinant delivery. These tools help your customer service and network managers deliver efficient service.