Aclara

Aclara is a world-class supplier of smart infrastructure solutions to electric, gas and water utilities globally.

Electric, gas and water utilities are facing a broad range of critical and disruptive challenges caused by a rapid increase in distributed energy resources (DERs), changing customer preferences and aging infrastructure. To manage these complexities and supply customers with more efficient and reliable service requires real-time visibility across grid and pipeline assets.

At Aclara, we help utilities manage change, seek new approaches, harness data and use new technologies to supply more efficient and reliable services to their customers. As an end-to-end smart infrastructure solutions (SIS) partner we couple innovative technology with data-driven solutions to predict, plan and respond to system conditions across electric, gas or water distribution networks.

Aclara offers SIS to advance the function and value of any electric, water or gas distribution network. Our utility customers have access to a comprehensive set of cutting-edge solutions to implement strategies for networking, distribution management, energy efficiency, resource conservation, advanced metering, data management, data analytics and consumer engagement.

Our comprehensive hardware, software and services portfolio with a single point of accountability to utilities guarantees customer satisfaction and includes:

• Smart meters, sensors and edge devices
• Advanced metering infrastructure (AMI)
• Headend and consumer engagement software
• Installation services and provision of labor

From planning to recommending the best solutions for better visibility across their networks, fast-track deployment and full support – at Aclara, we deliver the talent, tools and insight to keep utilities moving forward.

Serving **800+** utilities including 40 of the largest 100 utilities in 36 countries

Over **27 million** AMI and **71 million** meter endpoints with billion+ readings per day

6 million consumers actively engaged

⊘ **Visit us at Aclara.com, phone 800 297 2728 or contact us at info@aclara.com and follow us on Twitter @AclaraSolutions.**

How Utilities Benefit From Aclara Smart Infrastructure Solutions

ELECTRIC UTILITIES: REDEFINE THE RELIABILITY OF GRID INFRASTRUCTURE

Solutions that combine end-to-end solutions – from initial plan through implementation – offer new visibility and control to monitor millions of electric distribution lines while reducing costs, improving reliability and actively engaging customers.

SIS from Aclara enables electric utilities to collect and harness the power of smart meters, edge devices and data to meet today's challenges:

- **Distributed generation** – Integrate electricity generated by windmills, solar arrays, independent power facilities and microgrids
- **Fault detection and outage management** – Identify and locate outage-causing faults to get customers lights back on faster
- **Load control and demand response** – Control load fluctuations from increased demand, aging infrastructure, renewables and distributed generation
- **Substation monitoring** – Improve reliability and decrease the risk of blackouts and brownouts caused by aging infrastructure
- **Load monitoring** – Understand when circuits may be overloaded and quickly respond with corrections
- **Conservation Voltage Reduction** – Manage voltage levels on feeders to reduce loads and conserve energy

GAS UTILITIES: CONSERVE RESOURCES AND MITIGATE RISK

Our smart infrastructure solutions let utilities move beyond drive-by reading applications to a robust and intelligent fixed-network advanced metering infrastructure (AMI), providing solutions for:

- **Customer care and billing** – Eliminate estimated reads, provide customers with consistent billing, smooth revenue collection, and reduce calls to customer service representatives

- **Methane detection** – Find methane leaks to eliminate the risk of explosions and reduce environmentally harmful emissions
- **Pressure monitoring** – Provide real-time insight into pipeline integrity and offer proactive response to problems ahead of costly incidents

WATER UTILITIES: RECLAIM LOST REVENUE WITH MONITORING AND DATA ANALYTICS

By harnessing AMI technologies and data, water utilities can now mitigate the impact of theft, unbilled unmetered consumption, meter inaccuracy and leakage – and reclaim lost water revenue.

We help utilities access data and analytics to gain insight into resources and turn challenges into opportunities:

- **Customer care and billing** – Eliminate estimated reads, provide customers with consistent billing, smooth revenue collection, and reduce calls to customer service representatives
- **Leak detection and mitigation** – Build a more responsive infrastructure, and pinpoint and respond to potential problems before they happen
- **Pressure monitoring** – Control pressure and keep systems operating smoothly with real-time data
- **Sewer overflow** – Prevent sewer overflows before they happen using Aclara's sensing technology

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