

Protect Critical Utility Infrastructure as Copper Networks Are Retired



Energy, water, wastewater, and utility providers rely on analog communications systems that support monitoring, compliance, safety, and emergency response. As carriers retire traditional copper networks, organizations must modernize these critical connections while avoiding operational disruption.

The Challenge

Many utilities still depend on copper-based phone lines.



**SCADA
Systems**



**Meter
Monitoring**



**Fire
Panels**



**Security
Systems**



**Elevator
Phones**



**Emergency
Communications**

Why Utility Organizations Are Acting Now

- Remote facilities require reliable and resilient connectivity.
- Regulatory and service continuity requirements remain unchanged.
- Organizations can modernize on their own timeline while avoiding emergency migrations.
- Many critical systems are located in remote and outdoor environments where reliable connectivity is essential.
- Utilities need solutions that can support distributed infrastructure without requiring extensive site upgrades.

The Ooma AirDial Solution

AirDial helps energy and utility organizations replace aging POTS lines while preserving existing equipment. Utilities can modernize communications without replacing mission-critical infrastructure, and simplifying administration across distributed facilities and remote locations.

Why Ooma

Ooma is a publicly traded communications company that owns the entire AirDial technology stack, providing a purpose-built solution trusted to modernize mission-critical communications without requiring costly rip-and-replace projects.

- Publicly traded communications provider.
- Purpose-built AirDial solution designed specifically for POTS modernization.
- End-to-end ownership of the technology stack.
- Proven deployments across education, government, healthcare, and enterprise environments.

Patented MultiPath Reliability

AirDial MultiPath technology provides fail-safe communications by simultaneously utilizing LTE and Ethernet connections. Unlike traditional failover solutions that switch connections after a failure occurs, MultiPath actively uses both paths at the same time, helping ensure uninterrupted communications for critical systems.

Remote Device Management (RDM)

AirDial RDM provides a unique single-pane-of-glass management experience that brings legacy analog communications into the 21st century. Customers gain centralized visibility into device health, connectivity, battery status, alerts, and performance across every campus location.

Why Utility Companies Choose AirDial

- Keep analog systems that support monitoring, safety, and emergency response connected as copper networks are retired.
- Modernize critical connections with minimal disruption to utility operations.
- Reduce monthly costs compared with traditional POTS service.
- Manage connections across facilities and remote sites with centralized visibility, backed by hardware, connectivity, monitoring, and support from one provider.



Customer Success

A leading U.S. natural gas supplier serving more than 40,000 customers nationwide modernized over 300 legacy POTS lines used for gas meter monitoring and critical communications with Ooma AirDial. The deployment reduced reliance on aging copper infrastructure, lowered operational costs, simplified management, and created a scalable foundation for future growth.

[Read the full success story here.](#)

Compliance Certifications

Built with the applicable guidelines of UL, NFPA 72, California Fire Marshal, New York City Fire Department and ASME A17.1B in mind. Supports Kari's Law and Ray Baum's Act.



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