

Gas Utility Increases Public Safety

RESULTS

- Enhanced safety to public with effective alarm management
- Increased Data management processes
- Meter stations are now managed more effectively and efficiently
- Improved utilization of field personal & decreased overhead expenses
- Accurate volume calculations to determine flow rate volumes



APPLICATION

Emerson Hardware
Emerson's Zedi Services for installation
Emerson's Zedi Cloud SCADA Solutions with Zedi Access & Zedi Go

CUSTOMER

United States municipal water, wastewater and natural gas provider

CHALLENGE

A municipally owned water, wastewater and natural gas utility provider was seeking a cost-effective solution for remote monitoring and alarming of the gate/district and Industrial meter stations, eleven locations in total.

They were previously relying on paper chart recorders for pressure monitoring which required personnel to make weekly trips to replace paper charts.

The utilities company was looking for a cloud based SCADA platform to store operating data to improve compliance and ensure stronger public and personnel safety.

“Public safety is everything to us. Our process to ensure that level of safety needed newer technologies, better ways and more efficient systems in place and that’s exactly what we have now - increased safety with anywhere access to data.”

Municipal water, wastewater and natural gas provider
- VP Operations

SOLUTION

We provided communications equipment to monitor gas flow meters and over pressure protection systems. Gas flow measurement and pressure data from meter stations will be communicated via cellular network to Emerson's Zedi Access.

Emerson's Zedi Cloud platform will enable the customer to monitor and remotely control meter stations from our secure cloud application in a single source for the companies' employees to actively see accurate information depending on user authorizations granted.

With the Zedi go mobile app, employees have real-time access to site information from any mobile device. The app allows for alarms to be automated and delivered directly to the utility's personnel phones, enabling rapid response to overpressure events.

Our solution delivered a cost-effective comprehensive data management and monitoring system backed by 24/7 support allowing our customer to manage their system more effectively and efficiently while delivering significantly enhanced safety to the communities they serve.



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