

Reliable Access to Critical System Data

JOHN H. CARTER COMPANY CASE STUDY

RESULTS

- Reliable access to real-time operational data through Emerson's Zedi Access
- Visibility and alarm capabilities on critical system pressures during severe weather allowed for less manual monitoring
- Improved safety due to less travel to monitor critical sites during hazardous road conditions
- Improved response time prevented problems from becoming critical resulting in zero interruption to Gas Utility's customer base during major winter storm
- Customer was so pleased that they are now planning to put their waste water lift stations on Zedi Access as well



APPLICATION

Emerson's Zedi Platform Services

CUSTOMER

Small Municipality

CHALLENGE

A small municipality was relying on aging equipment to monitor pressures and flow data at their pressure regulator sites. This required frequent trips to each site to verify and record pressure and flow data. They were operating without any remote monitoring, alarming, or reporting capabilities. They were impressed when John H Carter and Zedi shared with them the success that we've had with other local gas distribution utilities. The challenge was to give them remote access to critical pressure and flow data along with alarming and reporting capabilities at an affordable price.

Zedi Cloud
SCADA Solutions

SOLUTION

John H Carter Company and Emerson's Zedi Cloud Solutions platform provided the customer the ability to remotely monitor and store critical pressures along with flow and volume data. It also provided them the ability to store this data in the cloud which helped them to meet regulatory compliance while reducing paper waste. The Zedi Go app allows for alarms to be delivered directly to personnel's phones allowing for rapid response to high- or low-pressure events. Remote monitoring of critical pressures and flows has increased safety for both the Gas Utility's personnel and to the public by improving response time to critical alarms and by reducing travel. This was especially helpful during the recent ice storms in this area. The municipality was able to monitor their system remotely during heavy usage and respond quickly and precisely during the severe weather. This allowed them to get through the weather emergency without a single service interruption to their natural gas customers. They were so impressed with the solution that John H Carter and Emerson's Zedi Cloud SCADA Solution supplied them with that they have decided to add their waste water lift stations to the system as well. John H Carter and Emerson's Zedi Cloud SCADA Solution once again provided a cost-effective solution for a comprehensive remote data monitoring and alarming system allowing the customer to manage their system more effectively, efficiently, and safely, even during a major ice storm.

Zedi Cloud
SCADA Solutions



Emerson Impact Partner



John H. Carter Company, Inc.
17630 Perkins Road
Baton Rouge, LA 70810
T +1 225 751 3788
johnhcarter.com