

Case Study

Waste/Wastewater Controls

Company Profile

Small sized municipal water treatment and wastewater processing faculties that is rapidly growing and in need of modern controls in order to keep up with rising demand.

Challenge

Customer was managing to get by with their operations running on very basic micro controllers and OITs (operator interface terminals). But the lack of advanced functionality, customization, and vendor support, led to multiple system failures and unacceptable increase in manual operations.

Solution

RICD provided all software and services required to implement an entire system overhaul consisting of remote pump station controls, remote well controls, treatment monitoring, and full system monitoring. This includes cellular VPN gateways, Emerson compact controllers, Emerson HMIs, Emerson Movicon, Next SCADA, remote web SCADA clients, and even regulatory reporting.

Results

With a customer investment of about \$600k RICD was able to provide a complete, modern, easy to use system with full vendor support and reliability; and of course, all while maintaining the highest level of cybersecurity standards.

