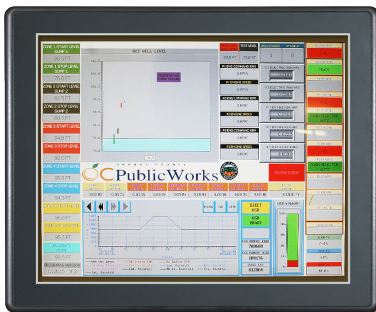# Benefits of Automation & Remote Monitoring in Municipal Applications

- We provide effective solutions for flood control, sewage lift, well pumping and booster applications.

- Automatic data recording of station operations support compliance and reporting.

- Labor savings! Our integrated web dashboard and text alert system allow operators to monitor stations with their mobile device, enabling greater efficiency.

- Equipment automatically starts and stops only when necessary, saving wear and tear and fuel.

- Troubleshooting equipment failures is simplified based on control system monitoring, logging, and informative display messages.
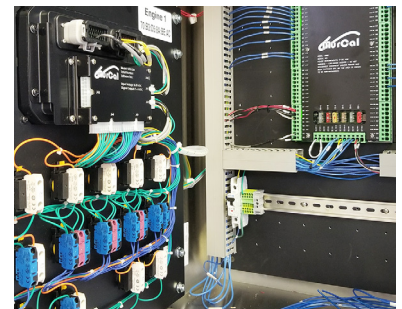
Technology

You could say that we've written the book on the evolution of programmable control platforms. Our proven modular approach to software design draws upon 50 years of innovation, field testing, hardware modification and station improvements. Complex and custom control strategies are performed automatically and proven over decades. With each project we continue to move the bar a little bit higher.

Service

Since we design, build, and program our control systems, we have an advantage when it comes to service. We're with you every step of the way, making sure your installation is perfect and that you understand all the benefits of your new system from day one. We have the ability to monitor a station's operations from an internet connected device during a storm event, then call the operators with suggested set-point changes the following day.

Dependability

We start with quality parts, then we build the smartest and most versatile controllers on the market today. If something goes wrong, we'll fix it. If you have a question, we'll find you the answer. We've stood behind our products and workmanship for three generations and will continue to uphold our tradition of dependability and service for many years to come.

We've got your back!

MurCal Municipal has been automating engine and electric motor driven pumps for 60 years. With our vast library of proven control strategies, we can tailor a custom solution for the unique needs of each municipality.
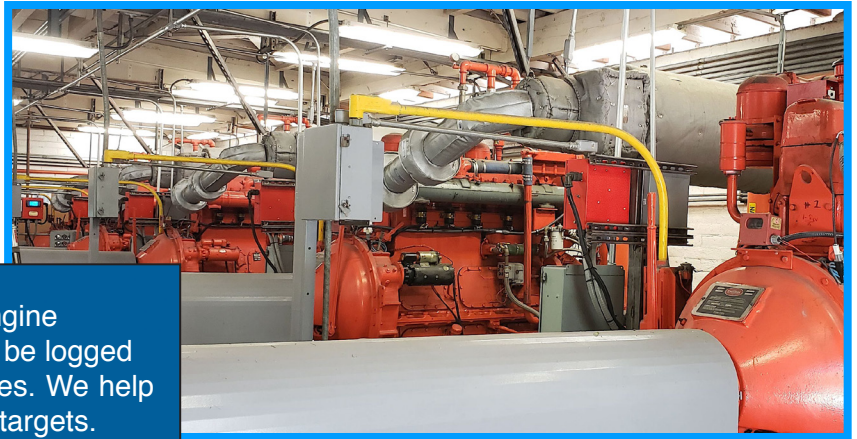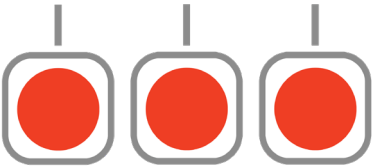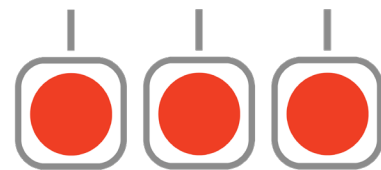
Why Choose MurCal?

MurCal's controllers are designed to meet the specific requirements of your project.

MurCal's municipal designs include a CENTRAL CONTROLLER which reads overall station sensors like wet level, system pressure and flow. The central controller COMMUNICATES with individual engine controllers using high speed CAN communications for reliable and timely control. It determines the least expensive operating mode by deciding which engine to start or by implementing a peak shaving strategy.

MurCal will tailor your system to record key engine parameters and emission variables which can be logged and remotely transmitted for reporting purposes. We help municipalities hit their required environmental targets.

MurCal builds rugged, industry proven, SCADA SYSTEM COMPATIBLE control panels. Our new Series 800's single board design eliminates the majority of factory wiring that is traditionally seen with PLC control panels, while retaining features such as true hardware interlocks for local and remote E-Stops. Better yet, our integrated web dashboard and text alert system allow operators to monitor stations with their mobile device, enabling greater efficiency and less overtime.

Municipal Pumping Solutions

MurCal

Efficiency Through Technology

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