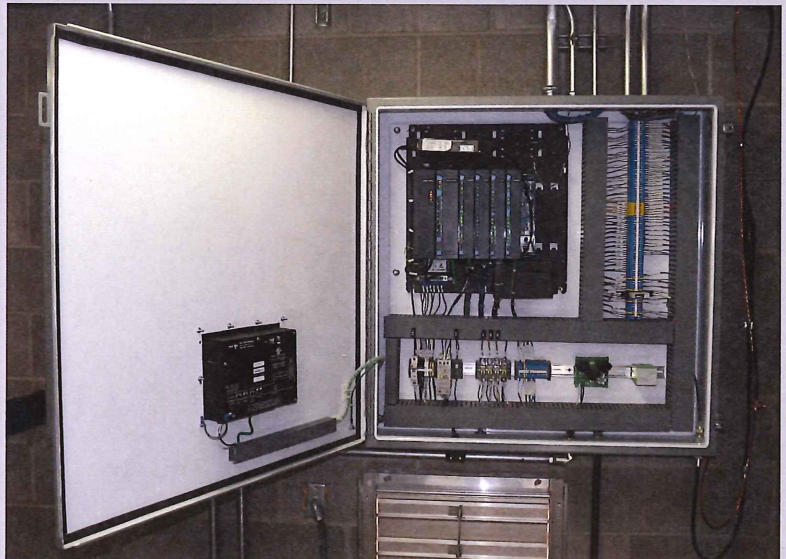
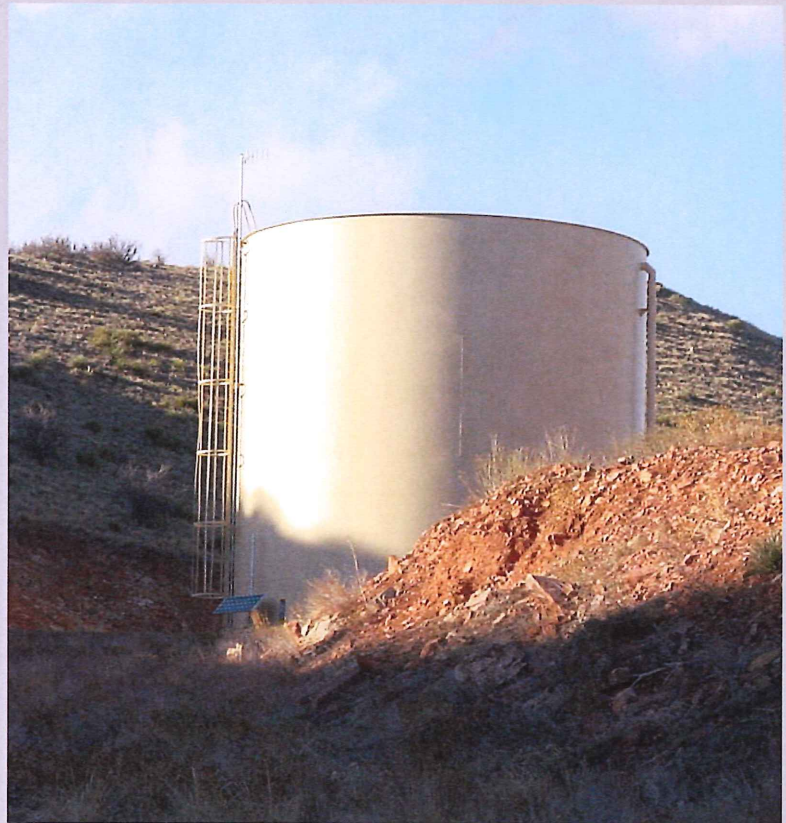
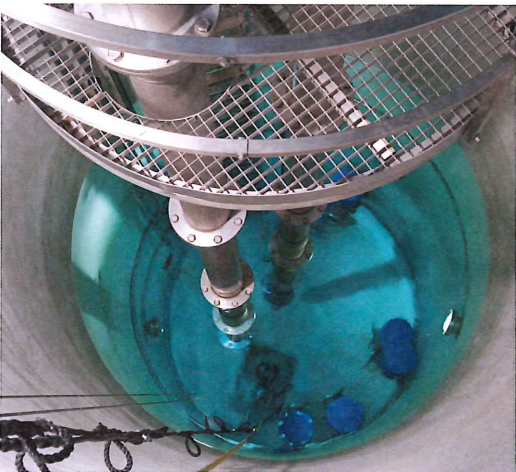


Automation Control / SCADA / Telemetry

Control Performance in your Reach



Serving

Colorado • New Mexico • Wyoming • Utah • South Dakota

Automation that works for you

We Don't Forget You when the Job is Done!

A major portion of our business is serving our customers after the equipment is installed. TLECC has a complete field service team of programmers, radio technicians, and electricians to solve all your needs.

Our services include:

- Field Trouble-shooting and Repair
- Telemetry Radio Path Surveys
- Radio Tuning and Antenna Re-alignment
- Instrument Calibration
- 4-20 mA Troubleshooting
- Equipment Recommendations and Upgrades
- Control Software Upgrades
- Annual Service Contracts

Powerful Solution Provider

Over the years, we have earned a reputation for excellence in:

- Bulk Material Handling
- Custom Panel Design and Build
- Hydro Electric Monitoring
- Industrial Motor Control Centers
- Industrial Treatment Systems
- Irrigation Systems
- Mining Materials Processing
- Municipal Alarm Systems
- Municipal Water and Wastewater Treatment Systems
- Reservoir Monitoring and Control
- Well Monitoring and Control

TLECC is an Automation Control Systems Integrator that is specifically structured to meet all of your industrial automation and control needs for fluids, solids and chemicals management. We have the depth, expertise, and experience to take complete responsibility for your industrial automation and control solution.

Our team of designers, project managers, service technicians and panel builders offer extensive expertise in SCADA / HMI / PLC / DCS / RTU and control instrumentation solutions. We stay at the leading edge of trends in control technology, data integration and machine interface to bring our clients state-of-the-art results.

SOFTWARE DEVELOPMENT AND IMPLEMENTATION

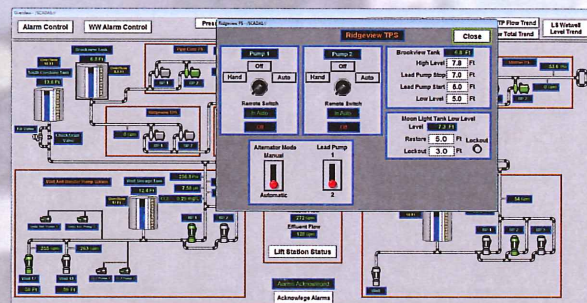
To meet your needs, TLECC staff programmers and field technicians have a vast amount of experience with most major manufacturers of DCS, PLC/RTU and HMI products, with expertise in:

- Allen Bradley
- Campbell Scientific
- GE
- IDEC
- Modicon
- Motorola
- Red Lion
- Scadapack
- Phoenix Contact



We are proficient in:

- GE iFix
- RSView-Factory Talk
- WonderWare
- Clear SCADA



Supporting Services

CONTROL PANEL DESIGN AND FABRICATION

TLECC operates a custom panel fabrication facility and we are known for our superior control solutions for original equipment manufacturers and the civil and industrial engineering industries. On each and every panel provided we deliver well-defined and organized wiring, AutoCAD prints, point-to-point circuit verification and factory acceptance testing.

We check every product throughout each step of the process, ensuring that each part meets specifications, and we conduct a comprehensive final inspection and test before delivering your panels -- thus reducing installation and start-up time.

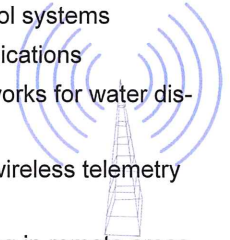
To enhance our electrical enclosures TLECC does more than just comply with customer specifications. Our shop is a UL 508A panel builder that manufactures and certifies standard, customized, and unique control panels. That means when you buy from TLECC, you can have the confidence that we have the in-house design and fabrication expertise to label that application **UL 508A**.



RADIO TELEMETRY AND SCADA SERVICES

TLECC has a wide range of experience in the implementation of communications systems to support water control, industrial automation, radio telemetry and SCADA systems. Some of the applications TLECC can assist in include:

- Wide-area remote control systems
- Remote pump start applications
- Wide-area SCADA networks for water distribution and monitoring
- Long or short distance wireless telemetry solutions
- Environmental monitoring in remote areas
- Remote monitoring of high mountain reservoirs
- On-site radio path surveys, radio alignment and feed line repair, antenna installation and commissioning of communications equipment for SCADA and radio telemetry systems.
- Licensed frequency telemetry
- Satellite uplinks
- Public and Private cellular communication links



CALIBRATION, TROUBLESHOOTING AND FIELD SERVICES

Calibration of Primary Instruments

- Flow
- Level
- Pressure
- Temperature
- Analytical
 - ◆ pH
 - ◆ turbidity
 - ◆ Cl₂ residual
 - ◆ oxidation-reduction potential
 - ◆ dissolved oxygen
 - ◆ suspended solids

Electrical

- 4-20 mA loops
- Process Disruption
- Electrical Surge Prevention
- MCC's
- VFD's

Calibration of Primary Control

- Valve Actuators and Solenoids
- Injection Pumps
- Setup and Tuning
- Flow Control Gates
- Pressure and Flow Control

Preventive Maintenance

- MCC cleaning corrosion control
- Infrared heat detection
- NEC code verification and remediation

Part Sales

24/7 Emergency Service

Online Remote Services

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We travel to the ends of the earth for you!



Our Mission: To find opportunities to delight our peers and customers, by making the complex simple.

