

ON-SITE & ENGINEERING SERVICES

FROM STARTUP TO COMMISSIONING

See Water delivers reliable field expertise and system performance.

See Water's engineers and field technicians bring decades of control panel experience directly to your job site. Whether it's a new installation, retrofit, or troubleshooting mission-critical equipment, our team ensures every system runs safely, efficiently, and according to specification.

OUR ON-SITE CAPABILITIES



FACTORY STARTUP

Full-service startup and commissioning for both pre-engineered and custom control systems.



FIELD TROUBLESHOOTING

Diagnose, repair, and optimize your system on-site — ensuring uptime and compliance.



RETROFIT & UPGRADE

Modernize existing control systems with new components, logic, or complete redesign.



TRAINING

In-person and virtual sessions covering system operation, maintenance, and configuration.



CONSULTING

Technical insight and project guidance for complex electrical or automation challenges.



SAFETY/COMPLIANCE AUDITS

Perform onsite audits to ensure panels meet industry standards (e.g., UL 508A, NFPA 70E, or IEC standards).

CERTIFIED EXPERTISE



508A



698A



1203

NATIONWIDE COVERAGE

Rapid dispatch to municipal, commercial, and industrial sites throughout North America.



ENGINEERING CAPABILITIES

YOUR ENGINEERING PARTNER FROM DESIGN TO INTEGRATION

See Water's engineering team combines deep technical knowledge with hands-on field experience. We design, build, and program control systems that deliver reliability in the most demanding environments.

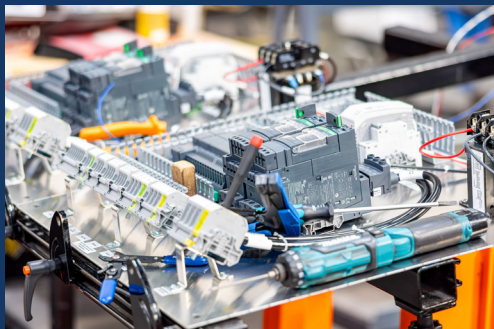
PLC & HMI DEVELOPMENT



Custom logic & interface design for reliable, intuitive control. We work with industry-leading platforms including Allen-Bradley, Schneider Electric, Maple Systems, & Phoenix Contact.

- Complete PLC programming — from simple pump control to advanced multi-pump sequencing and telemetry.
- HMI screen design that simplifies operations, enhances user experience, and minimizes troubleshooting time.
- Seamless communication setup for Modbus, Ethernet/IP, BACnet, and other protocols.
- Factory and field commissioning with live simulation testing to ensure flawless operation.
- Remote access setup for diagnostics, data logging, and system adjustments.

CUSTOM CONTROL PANELS



Tailored to each application. Designed, wired, and tested in our UL-certified facility for municipal, industrial, and commercial projects.

- Full in-house design and drafting — including layout, schematic, and wiring diagrams.
- UL 508A and UL 698A certified assemblies with rigorous quality control and testing.
- Complete integration with sensors, transducers, and instrumentation.
- Compact or large-scale configurations — Type 1, 3R, 4X, and explosion-proof enclosures available.
- Pre-labeled terminal blocks and component layouts for simplified installation and service.

ENGINEERING DOCUMENTATION & SUPPORT



Every system includes detailed submittal packages, CAD drawings, programming files, and user manuals — ensuring clarity during installation and long-term maintenance.

- Comprehensive documentation for engineers, operators, and maintenance staff.
- On-site or remote training sessions for end users and integrators.
- Submittal coordination with consultants, contractors, and municipalities.
- Revision control and as-built documentation for lifecycle traceability.
- Dedicated support team for startup assistance, troubleshooting, and system upgrades.

PROGRAMMING & COMMUNICATION STANDARDS

BUILT ON PROVEN INDUSTRY STANDARDS

Our programming practices ensure seamless interoperability and consistent system performance — from factory floor to field.

IEC 61131-3 COMPLIANCE

We program to the international standard for PLCs, ensuring consistency and compatibility across hardware platforms.

AUTOMATED SEQUENTIAL CONTROLS

Precisely timed operations for pumps, valves, and relays reduce energy use and extend equipment life.

MODBUS RTU/TCP & BACNET IP/ MSTP INTEGRATION

Our systems communicate effortlessly across networks — connecting sensors, pumps, and building management systems for real-time visibility and control.

PID REGULATION

Automated feedback loops maintain pressure, flow, and chemical dosing accuracy — optimizing performance and efficiency.



STARTUP & SUPPORT SERVICES

FROM FACTORY FLOOR TO FIELD OPERATION
– WE'RE THERE EVERY STEP

FACTORY STARTUP & COMMISSIONING

Our engineers provide complete startup support, verifying wiring, logic, and system function before project hand-off.

EXTENDED WARRANTY & REPAIR SUPPORT

We diagnose and repair mission-critical control panels both in the field and at our UL 508A and UL 698A shop, ensuring minimal downtime.

RETROFITTING & UPGRADES

Bring legacy systems up to code with modern PLCs, communication protocols, and updated wiring assemblies.

TRAINING & KNOWLEDGE TRANSFER

Hands-on operator training, either virtual or on-site, covering sequence of operation, configuration adjustments, and preventative maintenance best practices.

CONSULTING & STRATEGIC ENGINEERING

When you need a partner for a complex automation challenge, See Water's engineers provide the design insight, documentation, and integration support to make it happen.

WHY SEE WATER

30+

30 YEARS OF CONTROL SYSTEM EXPERIENCE

UL

UL 508A / 698A / 1203 CERTIFIED MANUFACTURING



100% FACTORY-TESTED PANELS



RAPID ON-SITE RESPONSE ACROSS THE U.S.



BACKED BY FULL ENGINEERING DOCUMENTATION

LET'S GET STARTED

SCHEDULE ON-SITE SUPPORT
WITH AN ENGINEER TODAY

