



POWER ON
TRUE AUTOMATION





SELECT ENERGY SERVICES IS A LEADING PROVIDER OF TRUE AUTOMATION FOR THE TOTAL WATER CYCLE — DELIVERING ULTIMATE CONTROL OVER WATER MANAGEMENT OPERATIONS. FROM SOURCING TO REUSE AND EVERY CRITICAL STEP IN BETWEEN, FULL AUTOMATION PROVIDES A MORE ACCURATE, RELIABLE AND EFFICIENT WAY TO MONITOR WATER OPERATIONS AND AUTOMATICALLY ADJUST FOR OPTIMIZATION.





EQUIPMENT

WaterONE™ is a proprietary water management technology that gathers, interprets and responds to data in real-time—all with limited human intervention. Through Select Energy's WaterONE services, true automation is possible. Oil and gas operators are now equipped with ultimate control over their water management operations — improving safety and efficiency.

AUTOMATED PUMP TECHNOLOGY



Streamline the monitoring and control of water transfer for fracturing and treatment operations. Utilizing multiple sensors, automated valves and local process control algorithms, pumps can automatically adjust throttle to maintain flow rates and pressure.

- Performs fully automated water transfer with minimal oversight
- Fuel and engine monitoring to improve reliability
- On-board PLC for local control
- Real-time visibility via AquaView® interface
- Sensors provide added check when used during treatment operations
- Customizable alert protocol sends communications based on urgency

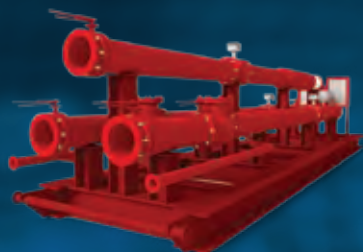
AUTOMATED TANK MANIFOLD



Simplify on-site water management during high-intensity frac operations. WaterONE's automation technology manages fluid levels, capacity, and blends for each tank and impoundment—providing data that triggers pumps to adjust the throttle to maintain tank levels and line pressure.

- Enables critical water storage and movement on location
- Maintain water levels in working tanks during high-rate fracturing operations
- Climate controlled command center monitors and controls up to 20 tanks
- Simultaneous valve closure for maximum control
- WaterONE pumps automatically respond to manifold valve adjustments

AUTOMATED PROPORTIONING SYSTEM



Optimize the chemistry for your completions water supply on-the-fly by effectively combining flowback or produced water volumes into a freshwater transfer. Using automated valves and sensors the APS system adjusts the fluid blend and flow rate to maintain the desired output chemistry.

- Heavy-duty construction for high-rate on-the-fly blending of fluid sources
- On-board PLC for local control
- In-line low-pressure blend chamber
- Manual and automated operational capabilities
- Portable design for easy rig-up and transportation
- Real-time data capture and analysis

WHAT IS TRUE AUTOMATION?

- + AUTONOMOUS EQUIPMENT THAT TAKES INDEPENDENT ACTION
- + STORAGE DRAW-DOWN TRIGGERS RESPONSE ACROSS ALL EQUIPMENT
- + REAL-TIME MONITORING AND REPORTING OF CRITICAL INFORMATION
- + IMPROVES SAFETY THROUGH IMPLEMENTATION
- + ALWAYS VISIBLE WITH SOLAR POWERED PLC
- + INTEGRATION WITH TREATMENT AND WELL CHEMICAL PROGRAMS





SAFETY

Greater knowledge and greater control means greater safety for employees and the environment in which you operate. The true automation of Select's WaterONE™ offering keeps equipment operators out of harm's way while also reducing the potential for hazards on-site. More accurate monitoring and analysis of resources and equipment is key during today's high-rate fracturing and produced water treatment and blending programs.

- Fewer workers on location
- Human error minimized
- Reduced risk of overflow or malfunction
- Monitoring to verify equipment is in prime working order



MONITORING



REMOTE MONITORING

Track water assets from source to completion with real-time, remote monitoring to know exact storage and flow rates anytime, anywhere. Connected WaterONE equipment provides alerts and reports directly to you, through an easy-to-navigate portal accessible anywhere. Select delivers the ability to monitor asset storage and flow rates in real-time, which increases employee and asset utilization and reduces costs.

MAPPING & DRONE SURVEYS

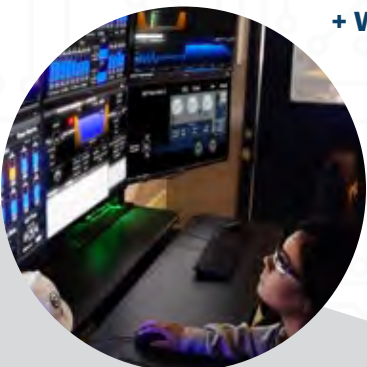
Our Hydrographic Mapping Vessels (HMVs) use sonar and GNSS technology, combined with aerial drone surveys to deliver a precise volumetric analysis of water assets. HMVs are rapidly deployed, durable enough to handle flowback pits, and nimble enough to navigate through tight spaces in natural ponds.

ALERTING & REPORTING

Tank levels and customizable hi/low level alerts trigger automated email and text communication to address needs on location. If alerts aren't acknowledged, the system expands the communication list until the problems are addressed or initiates fail safe operations.

INTERFACE FEATURES

- + REAL-TIME PUMP RATES DURING OPERATIONS
- + WATER VOLUME AND QUALITY DATA
- + EQUIPMENT STATUS AND FUEL LEVELS
- + SCADA OVERSIGHT FOR SCALABILITY
- + SET HIGH/LOW LEVEL ALERTS
- + GPS LOCATION TRACKING
- + HISTORICAL REPORTING



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 **WATERONE™**





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U. S. Patent Number 9,963,961 and other patents pending.