

WATER & UTILITIES AUTOMATION SOLUTIONS



Overview

- Automation systems engineered for water treatment plants, sewage treatment facilities, pumping stations, and utility networks.
- Designed for 24/7 continuous operation and remote monitoring reliability.

Applications

- Water Treatment Plants
- Sewage Treatment Plants
- Portable Pump Stations
- Utility Monitoring Systems
- Diesel Generator Monitoring, Pipeline Monitoring, Chemical Dosing etc.

What We Deliver

- PLC & RTU Control Panels
- Simplex, Redundant System Architecture
- SCADA Integration
- Remote Monitoring Systems
- Alarm Management & Reporting
- Documentation & Compliance Packages

Key Benefits

- 24/7 operational visibility
- Faster response to system faults
- Reduced manual intervention
- Improved regulatory compliance
- Lower lifecycle maintenance costs

Completed Projects

- Delivered redundant RTU panels for NEOM utilities, enhancing network reliability and operational efficiency.
- Supplied Siemens S7-1500 PLC panels to Aqua Arabia for a high-performance water automation system.
- Delivered redundant RTUs for Saudi Aramco utilities monitoring with seamless SCADA integration.
- Supplied redundant RTUs for Saudi Aramco utilities operations monitoring.
- Delivered simplex PLC panels for utilities monitoring with SCADA integration (Saudi Aramco).
- Upgraded simplex PLC systems for utilities monitoring at Sipchem.
- Delivered PLC-based treatment plant system for drain water management at Mecca Haram (Maymanah project).
- Delivered redundant PLC panels to automate new pumping stations (Saudi Aramco).
- Delivered redundant PLC panel to automate a new water skid (Saudi Aramco).
- Supplied redundant PLC panels for pumping station automation with DCS integration (Modon/WAPPCO).