XiO Cloud SCADA® Systems For Water Industries

XiO

XiOwater.com

Technology Is Transforming How Water Systems Are Managed

XiO's Cloud SCADA® — a powerful platform to leverage data, view trends, produce reports, and optimize processes.

Today's water managers need simple, robust, and reliable systems that address immediate needs, while being flexible enough to accommodate future growth and changes. You need a system that enables telework, provides enhanced security from cyber threats, and offers built-in resilience from natural disasters.

XiO's Cloud SCADA® systems combine patented field hardware with cloud computing to provide real-time monitoring and remote control of mechanical equipment.

The XiO User Interface turns your data into actionable insights. Real-time alarms via SMS text and email enable operators to respond quickly to emerging issues. Multiple areas of a process or operation may be integrated to provide system-wide visibility, so that operators can manage proactively.

Remote monitoring and control for irrigation

The SCADA Platform For All Water Industries

Drinking Water

Reduce non-revenue water through improved accountability and real-time analytics.

- Well Pumps
- Water Treatment
- Storage Tanks

Wastewater & Stormwater

Prevent failures from becoming disasters with reliable control, flow estimations, and intelligent alarms.

- Lift Stations
- Stormwater
- Treatment

Agriculture & Irrigation

Maximize pump and storage efficiency to save money while simplifying reporting.

- Lift Gates
- Storage Tanks
- Well Pumps

A New SCADA Model Reimagined For ROI

XiO has reinvented SCADA technology and communication architecture to deliver a comprehensive control system at an affordable price. XiO's revolutionary technology and robust engineering provides greater energy optimization — and savings — over traditional systems.

- **Modern and Secure Cloud-Based System**
  Cloud computing provides unlimited data storage, enhanced security protocols, and system resilience in the event of a natural disaster.
- **Resource Optimization**
  XiO's superior tools help optimize precious resources, reduce energy, and save water.
- **Reliable Local Control**
  Controllers in the field provide real-time local control in the event of a loss of connectivity.

System Features

Save Time, Energy, and Money

- **Maximize Operator Time**
  Remote access to powerful information enables quicker response time and better utilization.
- **Asset Management**
  Track equipment maintenance and performance, enable predictive maintenance, and centralize documentation storage.

- **No PC To Maintain**
  Turn-key systems offer all the benefits of traditional SCADA — plus remote control capabilities — without PLCs, servers, RTUs, and the high cost of software programming, support, and upgrades.
- **Custom Reports**
  Easily customize reports to get the information you need in the correct format.

Gain Visibility For Faster Corrective Action

- **Sophisticated Cloud Alarms**
  Email, SMS text, and voice alarms notify users of issues and execute on-site corrective actions.
- **Built-In Historian**
  Customizable trend lines create a clear picture of the events surrounding alarm conditions.
- **Correlation Alarms**
  Multiple data points combine to assess and raise flags when anomalies are detected.
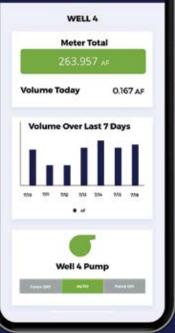
Easy To Use Platform

- **Pre-Configured**
  Systems arrive ready-to-install by a licensed electrician in a matter of hours.
- **Trained Technical Support**
  Engineers and technicians are available for support.

Sensors provide real-time conditions

Easy-to-read XiO User Interface

A Powerful Platform For Any Application

XiO's Cloud SCADA® systems are pre-engineered and custom configured for each unique application. The superior technology is scalable through modular configurations and makes true integration easy, thanks to custom Application Programming Interfaces (APIs).

Public and Private Drinking Water Facilities — Systems range from very small to large and include pumping, numerous types of treatment processes, disinfection, storage, and distribution.

Farms, Vineyards, and Ranches — Systems are designed for various agricultural needs, including specialty hydroponic crops, groundwater pumping reporting, irrigation, and water storage.

Multiple agricultural applications

University and Corporate Campuses — Fully integrated campus-wide systems include drinking water (blending groundwater with surface water), stormwater runoff, water supply environmental quality, and drinking water distribution and storage.

Correctional Facilities — Secure systems are configured for drinking water treatment, disinfection, distribution and storage, as well as wastewater collection and treatment.

Safety Roadside Rest Areas — Systems meet the specific needs of regional rest areas, including drinking water treatment, disinfection, and wastewater collection and treatment.

Drinking water treatment

Groundwater Management Agencies — Systems provide accurate pumping data for regional agencies.

Wastewater and Stormwater Collection Districts — Sophisticated systems capable of integrating lift stations with storm drain data to allow for a higher level of control and deeper insight, avoiding costly overflows.

Wastewater treatment

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