AUTOSOL

AUTOSOL for Water & Wastewater

Unify Your View of Compliance and Operational Performance

With demands for water and energy conservation rising, and environmental regulations growing increasingly stringent, the water & wastewater industry now more than ever needs to be data-driven.

Through connected machines and devices, these facilities can leverage real-time system monitoring and analytics to make smarter, more informed decisions on how to optimize water pumping, processing and delivery. But with hundreds or even thousands of non-interoperable devices dispersed across plants, remote stations and the field, collecting this data becomes quite complex. **Unless you have AUTOSOL.**

AUTOSOL Industrial Data Communications Platform: Bringing it all together.

AUTOSOL's platform includes a series of multi-protocol polling engines to **orchestrate data from any number of proprietary devices and IIoT tools into a common information stream.**

Real-time and historical data is delivered in standardized OPC format to any HMI, databases, or data validation and accounting systems. It eliminates data silos and the need for multiple discrete connectivity applications to connect to proprietary devices, allowing collected data to be readily accessed and shared by all the systems and personnel that need it.

As a result, water & wastewater stakeholders—from OT to the executive team—gain a complete view of both operational performance and regulatory compliance. Delivered data can be used to assess processes holistically, rapidly diagnose issues, and prioritize future strategies to improve sustainability, optimize overall equipment effectiveness, take advantage of energy efficiency incentives and more.

The Automation Software Water Utilities Need to Get Data-Driven

The water/wastewater environment presents a number of challenges to achieve reliable, unified data communications. AUTOSOL's platform is made to solve those problems.

Diverse protocol support in one platform.
AUTOSOL supports the native protocols of the leading PLC, RTU and metering devices used by water & wastewater facilities. We can also customize our platform to add the protocols you need.

Delivery of *any*time data, both real-time and historical.
In addition to real-time data access, AUTOSOL's ACM polling engine enables seamless collection and storage of historical data from devices monitoring water quality, emissions, wasteload and more – to automate compliance reporting and provide audit trails in line with regulatory and permitting requirements.

Bridges the gap between legacy and IIoT devices.
AUTOSOL's software enables new technologies like smart meters to interoperate with legacy systems, extending existing investments while letting you tap the value of next-gen IIoT devices. Capture more or previously inaccessible data with tight integration between OT and IT technologies.

The Leading Industrial Data Delivery Platform

Proven in the field since 1987, AUTOSOL is the platform has become the choice of utility leaders seeking to collect, access and share water processing and delivery data at scale.

In fact, AUTOSOL's software has become an integral part of the world's critical infrastructure, providing the communication layer for 500,000+ devices performing various automation missions today.

AUTOSOL Communication Manager® (ACM)

Our **full-featured multi-protocol polling engine** provides a single, robust solution to handle real-time and historical remote data acquisition, and delivery.

ACM R/T SCADA

Optimized for delivery speed, ACM R/T SCADA is built on the same proven foundation as ACM but polls for real-time data only.

eACM

eACM polls locally at the RTU- or PLC-level. It translates native protocols into MQTT or MQTT Sparkplug B, which use a bandwidth-efficient report-by-exception approach.

We've also built add-on applications to further enhance SCADA workflow efficiencies, including:

OneSCADA
To optimize SCADA organization & control

Modbus Slave
To translate OPC protocols to Modbus

DbClient
For handling OPC-DA data updates

SCADA Expertise to Enhance the Power of Your Software

AUTOSOL's team members have been power users of industrial automation software in the field, and we bring unique knowledge of the protocols, field devices, networks and HMIs that come together to create complete SCADA views.

It's how we are able to truly solve your operational challenges, customizing our products as needed to fit your requirements and ensuring they are optimized within your greater system. We also share this expertise with your users through training that empowers them with the software knowledge to run your installation optimally.

Ready to get data-driven?

Talk to the AUTOSOL team today to solve your data communication challenges and achieve new operational gains—immediately and over time.

AUTOSOL

Call: USA: 281.286.6017 | Canada: 587.315.6128   **Visit:** www.autosoln.com   **Trial our software at:** autosoln.com/software-trial