



# OneSCADA®

Robust Organization, Efficient Control

OneSCADA is designed to reduce implementation and maintenance time of your SCADA system. By using SCADA-Manager and SCADA-View, your system will be more manageable and consistent, making it easier to comply with PHMSA regulations and API guidelines.

AUTOSOL OneSCADA gives you the tools to more efficiently implement, configure, and maintain objects in AUTOSOL Communication Manager® (ACM) and Schneider Electric's EcoStruxure Geo SCADA Expert. OneSCADA integrates two powerful components, SCADA-Manager and SCADA-View, which can help you lower the costs of implementing new SCADA systems and maintaining them thereafter. OneSCADA offers a solid foundation for growth and streamlined expansion using a database structure refined over years of experience with the EcoStruxure Geo SCADA Expert HMI. A comprehensive suite of in-app utilities enables you to be compliant with industry standards while facilitating a consistent high-performance HMI.

## SCADA-Manager

### Mass Creation and Configuration

Utilizing the APIs of Schneider Electric's EcoStruxure Geo SCADA Expert and AUTOSOL's ACM, SCADA-Manager provides a single interface to build, configure and modify objects in both systems.

- **Mass Builds:** Creation and full configuration of meter objects in EcoStruxure Geo SCADA Expert and ACM based on input criteria and definitions; creation rates in excess of 2,000 meters per hour possible.
- **User Builds:** Use EcoStruxure Geo SCADA Expert and ACM templates to create and modify objects while maintaining consistency across your system.
- **User Clone:** Expedite the creation process of a new device by duplicating core configuration fields from similar devices.
- **Bulk Import/Export:** Make easy changes en masse to your system, including alarm and historic configuration. Modify a single site or an entire pipeline, as necessary.
- **Mass Overrides:** Rapidly configure overrides for any property on points and groups across multiple templates contained within EcoStruxure Geo SCADA Expert.
- **Mass Object Modification:** Mass-convert objects from one class type to another; move groups of objects to new locations quickly; configure all points with missing tag names.
- **Meter Configuration:** Designed to facilitate the configuration of additional components or changing of device types for objects built within EcoStruxure Geo SCADA Expert.
- **Query Utility:** Allows users to query the EcoStruxure Geo SCADA Expert database using custom or standard queries and export the results for modification and re-import. Users can also edit and update items directly from the result set within the Query Utility. Queries may be saved for future use. This feature provides a mechanism for novice users to build a complex query by traversing the schema and assisting with query formatting.

### SCADA-Manager Utilities

- Alarm Response Configuration
- Standardized Keyword Management
- Tabular Layout Configuration
- ACM Device Editor
- ACM Comm Test and Logger
- Comm Diagnostic Utility: Ping, Trace Route, Telnet

# SCADA-View

## Smart Points and Smart Symbols

Smart Points and Smart Symbols are a OneSCADA extension of EcoStruxure Geo SCADA Expert using object-oriented principles to increase functionality, usability and maintainability of screens designed within EcoStruxure Geo SCADA Expert. Use of Smart Points greatly streamlines the buildout and configuration process of screens within EcoStruxure Geo SCADA Expert.

## Preconfigured Reporting

For alarm analytics, alarm history, point-to-point checkouts, points status, notes and events. Reports can be run on demand, scheduled, and emailed out on a defined time schedule.

## Custom Menus

Leveraging EcoStruxure Geo SCADA Expert scripts, clicking on data points provides a comprehensive list of commonly required functions for controllers and viewers alike. Standardizing the menus ensures consistent functionality no matter the object or where the user selects on a screen.

## Ad-Hoc Trending

Allows users to define multiple points to compare values throughout the system on a single trend or historical list. Selections can be saved publicly or privately and recalled at a later date.

## Customizable User Displays

SCADA-View includes a highly-flexible tabular interface for any user to develop the display which suits their needs the best, which then can be saved or shared for future use. Users can define add, remove, or reorganize columns in a given view. Using global keywords and pre-defined metadata, it is easy to filter a list to the select number of meters or sites the end-user is looking for. These displays can reflect any number of tabular combinations, from displaying individual meter runs to the communication status of chromatographs.

***Specifications are subject to change without notice.***

## SCADA-View Utilities

- Email Utility
- Ad-Hoc Trending Hub
- Historic Viewer
- Point-to-Point Checkout
- Shift Changeover
- System Notes
- Operator Logbook
- Automatic User Notifications
- Safety and Alarm Response Workflow
- Scheduled Maintenance



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The innovative technological capabilities of AUTOSOL® products are protected by US Patents 6,628,992; 6,950,851; 6,961,753; 7,073,182; 7,225,248; 7,587,481; 7,646,298; 7,673,337; 7,673,8; 7,747,710; 8,316,232; 8,364,950; 8,694,770; 8,898,481; 8,935,523; 8,966,117; 9,100,318; 9,306,946 and patents pending.

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