

# OPS SQL / Drinking Water SCADA Interface

## Summarize your SCADA in OPS SQL

SCADA data consists of massive amounts of raw data. OPS SQL will turn it into useful information readily available to your organization. Probably less than half of your tags represent information needed for reports and analysis. Many tags have 1440 or 86,400 values per day. You only need one result, Example: Daily flow.

Over half the data required for reports and analysis comes from other sources: Laboratory and field data collected by operators.

The screenshot displays the 'Edit/View Variables' window for variable 'Filter 1 Turbidity' (Var # 3141). The window includes a toolbar with navigation and editing options. The main configuration area shows the variable name, units (NTU), tracking interval (15 Minutes), and type (Parameter). Below this are tabs for 'Options', 'User Defined', 'MDL Rules', 'List', and 'LIMS Interface'. The 'Interface' tab is selected, showing the 'Signal Tag (Node:Tag.Field)' as 'F1\_TI\_34343', the 'Statistic' as 'Last', and the 'Scale Factor' as 'None'. It also shows 'Start Time' (00:00) and 'Stop Time' (23:59) with radio buttons for 'Same Day as' and 'Day After Start'. A 'Filter Data' section shows 'Collect data when: Node: Tag.Field' with 'F1\_VP' and a filter condition 'F1\_VP = 1'. The status bar at the bottom indicates the user is 'SUPER' and the time is '11/23/2004 1:01:58 PM', with 'VARID : 1053'.

For any variable, you define the tag, summary statistic, scale factor, time frame, and conditional data collection.

### Interfaces

- Wonderware
- GE
- Rockwell
- Foxboro
- Pi
- CiTect
- Lookout
- Plantscape
- Custom

### Benefits

- Data integrity
- Time saving
- Availability
- Integration

To meet EPA turbidity reporting requirements, you want to collect data only when the filter effluent valve is open (F1\_VP = 1).

Double entry of data is bad practice because it is inefficient. But more importantly, it can compromise data integrity. Simple typos can become your worst nightmare.

For more information, request the SCADA Interface documentation for your specific SCADA/HMI at: [sales@opssys.com](mailto:sales@opssys.com)

## The Power of Information

Bring all your SCADA, Laboratory and operator log data together and transform it into information.



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SYSTEMS

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