

# Rosemount SWF 5213

## Workstation Software for Rosemount CTS

The Rosemount CTS workstation software provides customized intuitive mimics and functions tailored to fit each specific vessel.

- The workstation provides you with a clear overview of all cargo tank measurements
- Alarm handling with user-defined alarm limits enables optimization of cargo operations
- Accurate CTS calculations and reports
- Sensor verification features gives constant confidence in system performance



## Description

The Rosemount CTS workstation includes standard software and customized mimics for monitoring of tank levels, temperatures, pressures and all other data handled by the Rosemount CTS sensors.

The software is based on the QNX real-time operating system, ensuring reliability and security.

### Clean graphical overview

With mimics customized to each specific vessel, the data you need are always presented in a clear and intuitive way.

### Powerful alarm handling

The software provides user-configurable alarm limits with blocking and override features. Along with alarms for failures in system components and an event log, this gives a clear indication of any abnormal situation.

### User-defined display groups and trends

As an operator, you can create your own custom groupings of measurement data as well as real-time trends in order to focus on the most important information.

### CTS sensor selection

The software handles dual channel configurations, with Primary and Secondary CTS gauging. The user can select which measurement data that is to be used on screens and in CTS reports.

### Cargo report system

The report system provides calculated cargo quantity data based on detailed tank tables, and is used to generate and print CTS reports and certificates for loading and discharge operations.

### Verification of sensor accuracy.

Built-in service screens allow verification of CTS sensor accuracy, including online measurement against the radar gauge verification pin.

## Related Products

The workstation software can be enhanced with a variety of optional features. For detailed information about the following functions, refer to the appropriate data sheet:

- Rosemount SWF 5912 Flexible Cargo Report System. Enables CTS reports to be configured for different Buyer/Seller contracts.
- Rosemount SWF 5913 Offshore Filtering. Provides level measurement stabilization during vessel motion.
- Rosemount SWF 5916 Communication Protocols. Allows easy integration with other systems onboard, using industry-standard protocols.
- Rosemount SWF 5920 Gas Flow Metering. Provides integration of gas flow metering into the CTS system.
- Rosemount SWF 5924 CTS Report File Transfer. Allows CSV files with CTS report data to be transferred to other systems.
- Rosemount SWF 5928 Time Synchronization. Keeps the workstation date & time synchronized with the ship's master clock.
- Rosemount SWF 5929 CTS Remote Control. Allows the CTS report system to be remotely operated from another system.

## Prerequisites

The Rosemount CTS workstation software must be loaded onto a workstation unit, refer to the following data sheet:

- Rosemount WSU 51 Workstation Unit

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