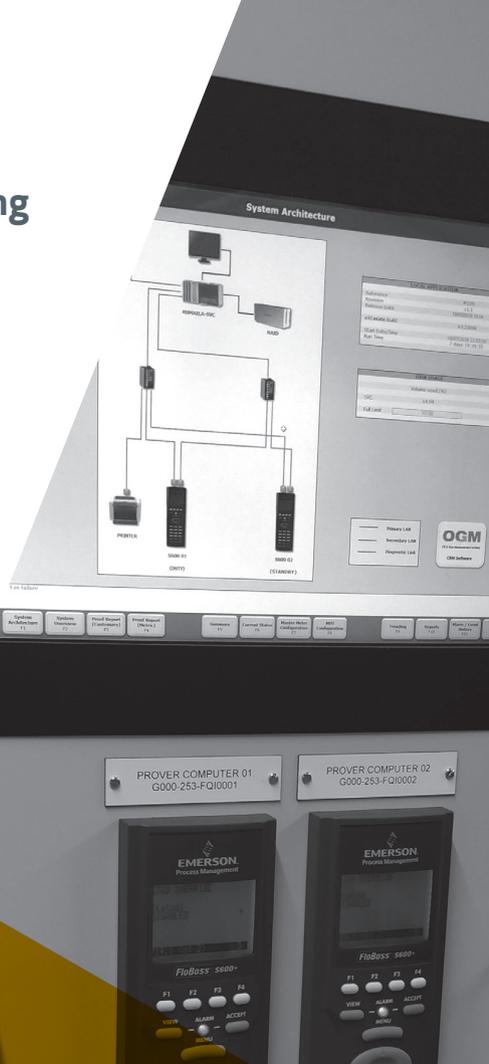


proserv | SGC Metering

ENHANCED SUPERVISORY FEATURES



Design Deliver Support

Our metering supervisory computer systems are installed around the world and interface with numerous different flow computer technologies and control systems.

In today's cost challenging market there is a need to include more functionality in the supervisory system. To help users unlock the potential of their metering system and realise cost savings, SGC is able to offer enhanced validation and verification features in their supervisory packages.

Standard Features

SGC provides a flexible platform for all your metering supervisory needs and includes many standard features

System architecture graphical mimic

Metering skid graphical mimic

Legend key for all mimics

Automated and on-demand reporting

Dual instrumentation comparison

Current alarm summary and filtering

Alarm and event historian

Easy interfacing with external systems

Flow computer web-browsing built in

Historical trending

Report archiving and recall

Remote access



USM Diagnostics

Continuously monitor and check the performance of ultrasonic flow meters, without the need for third party software.

Customisable thresholds for alarms

VOS Fingerprint comparison

AGA10 vs measured VOS

Measured vs calibrated VOS

Signal/noise ratio

Signal gain per path



Gas Chromatograph Validation

Automatic verification of analyser results.

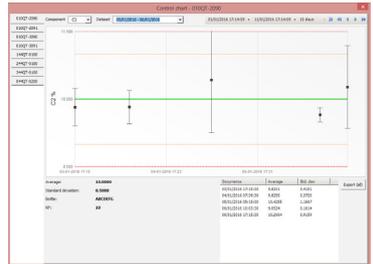
Accuracy of measured analysis compared against known sample bottle composition

Configurable tolerance limit

Automated to highest extent with clear operator instructions

Control charting of each verification cycle

Automatic validation reports generated



Flow Computer Calculation Verification

Verification of flow computer calculations powered by the SGC-Valid8™ calculation engine.

No need for additional software or hardware - verify calculations directly from the supervisory

Extensive library of calculations

Auditable records of previous results

Transmitter Verification

Verify pressure and temperature transmitter readings.

Transmitter reading verified against calibrated reference device

Configurable tolerance limit

Multiple measurement points

Reading error automatically calculated

“As Found” and “As Left” verifications captured

Fully auditable records with verification reports

Electronic Log Book

Do away with paper records to record all metering information

Store all metering events and occurrences electronically

Fully auditable

Powerful filtering capabilities and report generation

Design | Deliver | Support

SGC Metering

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