

# Expanding Flow Computer Solutions

## Demonstrating Technology Leadership

As an Emerson Process Management division and the leading supplier of flow computers, RTUs, and presets, Remote Automation Solutions is the single source provider for your SCADA field equipment and automation system needs.

### Outstanding Reliability, Accuracy, and Value

We are continuously expanding and enhancing our industry-leading FloBoss™ and ControlWave® flow computer product families to bring you the highest level of performance and value.

#### FloBoss 107

You now have more reasons than ever to choose the FloBoss 107 Flow Manager as the solution to your flow computing needs. Five new communication and I/O modules expand connectivity to host systems and to field instrumentation:

- Ethernet/USB module supports networking capability to host computers or intelligent field instruments
- HART® module supports wired point-to-point or multi-drop digital communication to HART-compatible devices
- Dial-up modem module supports communication over public telephone networks
- Configurable AO/DO module supports six channels of any combination of analog or digital outputs
- RTD module supports three meter runs of AGA7 measurement

#### ControlWave GFC-IS

The new ControlWave GFC-IS is an intrinsically-safe version of our ControlWave GFC gas flow computer designed for Class I, Division 1 locations, and North American approvals. It handles up to two meter runs, is API compliant, is available in AGA-3 or AGA-7 versions, and can be integrated into SCADA systems.



### Application Areas

#### FloBoss 107

- Custody transfer measurement
- Wellhead measurement and control
- Well injection pressure monitoring
- Compressor fuel gas measurement
- Industrial gas usage measurement
- Commercial gas usage measurement

#### ControlWave GFC-IS

- Offshore Platforms
- City Gate Stations
- Distribution Systems

## Improve Operational Performance

### FloBoss 107

- Easy-to-use interface contributes to faster startup and greater operational efficiency
- Network with host computers or other smart measurement and control instruments throughout your enterprise using Ethernet
- Communicate over existing dial-up public telephone networks
- Get more information from field instruments using both analog and digital signal paths provided by HART
- Match the number of analog and digital outputs to the needs of the application with configurable AO/DO channels
- Measure temperature on three meter runs or anywhere else using additional RTD inputs

### ControlWave GFC-IS

- Get the accuracy of a flow computer and the intrinsic safety found in a corrector
- Get control capability in an IS environment with analog inputs and digital I/O (optional)

## Realize Cost Savings

### FloBoss 107

- Integrate the FloBoss 107 into your operations with minimal cost and effort by utilizing existing network infrastructures
- Communicate to more devices using fewer I/O channels with HART
- Integrate the FloBoss 107 into existing public telephone networks using the internal modem
- Reduce the number of modules required to meet your I/O needs with configurable AO/DO
- Reduce spares with software configured I/O modules
- Measure temperatures without the need for expensive external transmitters

### ControlWave GFC-IS

- Get trouble-free operation in both harsh and hazardous environments
- Reduce metering costs for dual meter runs in hazardous areas



*New connectivity options for the FloBoss 107 let you access more data across your enterprise at a lower cost, while the ControlWave GFC-IS is cost-effective for gas flow measurement in hazardous areas*



*FloBoss 107 (left and center) and ControlWave GFC-IS (right)*



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