

Remote Automation Solutions Product Catalog

Emerson is the leading supplier of cutting-edge technology for wellpads, pipelines and terminals. Our complete solutions drive greater profitability, operational efficiency and safety at production sites, pipelines, storage terminals and distribution systems worldwide.

Flow Computers and RTUs



FB1100 and FB1200 Explosion-Proof Flow Computers
The FB1100 and FB1200 models serve the explosion-proof environment with an ultra-compact design including integral sensor, battery and I/O options, providing high integrity fiscal metering with many different flow meter technologies.



FB2100 and FB2200 Field-Mount Flow Computers
The FB2100 and FB2200 models are packaged for CID2 and Ex nA Zone 2 hazardous area locations and provide additional I/O capacity and capability along with a packaged enclosure designed to minimize installation time.



FloBoss™ 107 Flow Manager
The modular FloBoss 107 Flow Manager provides solid performance for single or multi-run natural gas applications, delivering accurate AGA calculations, data archival, broad communications support, low power consumption, PID loop control and more.



ROC800-Series Remote Operations Controller
Able to accurately measure both liquid hydrocarbons and natural gas simultaneously, the versatile ROC800-Series Remote Operations Controller delivers superior measurement and control in a single flow computer/RTU platform.



ControlWave® Micro - Hybrid RTU/PLC
The ControlWave Micro - Hybrid RTU/PLC is a cost-effective, space-efficient, low-power consumption device required by small to mid-sized applications.



FloBoss™ S600+ Flow Computer
Designed to deliver maximum performance for fiscal and custody transfer applications, the high-end FloBoss S600+ Panel-Mount Flow Computer handles 10 gas or liquid meter runs with the power and flexibility to handle much more.



DL8000 Preset Controller
Based on the popular and high-performing ROC800-Series Remote Operations Controller, the DL8000 Preset Controller delivers accurate measurement and reliable control both locally or remotely via Ethernet or serial (Modbus) communications.

Integrated Wireless Solutions



Distributed RTU™ Network
Designed for the ROC800-Series and FloBoss 107, the Distributed RTU Network is a distributed control solution for wireless integration of multiple field controllers.



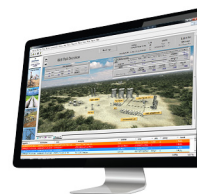
Wireless IEC 62591 RTU Interface
The Wireless IEC 62591 RTU Interface seamlessly integrates with ROC800-Series, FloBoss and ControlWave devices to enhance operational performance and communication reliability.

Configuration Software



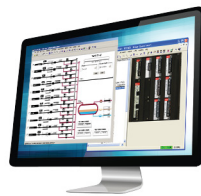
Field Tools
Field Tools is a Windows®-based configuration software suite designed to perform remote terminal unit (RTU), flow computer and HART® device configuration and maintenance in the field.

SCADA Systems



OpenEnterprise™ SCADA System
OpenEnterprise v3 is the latest release of Emerson's Supervisory Control and Data Acquisition (SCADA) solution, which targets the requirements of the global oil & gas production, transmission and distribution industries.

SmartProcess™ Oil & Gas Application Suite



Production Manager Series

Injection Controller

An application for the FloBoss 107 and ROC800-Series that provides simple, configurable management of multiple injection streams.

Surface Control Manager

An application for performing simplified control, logic and mathematical functions via easy-to-configure menus that can also provide permanent and temporary shut-ins to facilitate management of associated well operations.

Tank Manager

An innovative application that uses accurate level and/or flow measurements to improve liquid production and hauling records.

Well Optimization Manager

An advanced user program designed to maximize production from oil and gas wells.

Well Test Manager

An application for the ROC800-Series RTU that determines gas and liquids allocation volumes for up to 64 wells.

Transmission Manager Series

Station Manager 4.0

An application for the ControlWave Micro that can be distributed across six stations to perform natural gas flow measurement and station control for up to eight meter runs.

Gas Control Manager

An easy-to-use solution to manage control and logic requirements.

Cause & Effect

A menu-driven application for control logic configuration that provides flexibility and custom control capabilities to users with limited programming experience.



Terminal Automation Software

TerminalManager™

A total order-to-cash solution that provides a complete overview of the terminal, enabling efficient monitoring of all activities from gantry management to operations.

Midstream Management Software

Operational Management Solutions

PipelineStudio®

The industry-leading solution for pipeline design, simulation and analysis.

PipelineManager®

The ultimate online simulation and modeling tool for pipeline operations and pipeline leak detection.

RuptureSentinel™

The industry's first simulation tool for identifying large, unplanned pipeline releases.

PipelineDashboard®

A real-time visualization tool that displays all key data in one window.

PipelineTrainer™

The industry's most precise real-world pipeline training simulator.

Gas Management Solutions

GasStream®

Our fully-integrated midstream gas gathering, processing, transportation and transactional accounting system.

PipelineTransporter®

An industry-proven logistics and commercial management system for pipelines and local distribution companies (LDCs).

TransactionManager®

A powerful, off-the-shelf solution for pipelines operating in regulated or merchant markets worldwide.

GasLoadForecaster®

A neural network-driven gas-demand forecast system for predictive management and modeling.

Liquids Management Solutions

TerminalScheduler™

Full-featured software for planning and scheduling of short and long-term operations within a tank farm or terminal.

PipelineScheduler®

An advanced system that consolidates critical data to simplify day-to-day management of batched and streamed operations.

PipelineOptimizer®

A powerful tool for simulation of liquid pipeline hydraulics and operations.

Synthesis®

A single order-to-cash application for pipelines, terminals and marine operations that provides direct, online access in real time to orders, tickets, bills of lading and more.

TransportPlanner™

Advanced software for planning and scheduling complex transportation networks (pipelines, marine, rail and road).



Global Headquarters
North America and Latin America
Emerson Automation Solutions
Remote Automation Solutions
6005 Rogerdale Road
Houston, TX, USA 77072
T +1 281 879 2699
F +1 281 988 4445

www.Emerson.com/RemoteAutomation



Europe
Emerson Automation Solutions
Remote Automation Solutions
Unit 1, Waterfront Business Park
Dudley Road, Brierley Hill
Dudley, UK DY5 1LX
T +44 1384 487200
F +44 1384 487258



Middle East and Africa
Emerson Automation Solutions
Remote Automation Solutions
Emerson FZE
PO Box 17033
Jebel Ali Free Zone - South 2
Dubai, UAE
T +971 4 8118100
F +971 4 8865465



Asia Pacific
Emerson Automation Solutions
Remote Automation Solutions
1 Pandan Crescent
Singapore 128461
T +65 6777 8211
F +65 6777 0947

©2019, Emerson. All rights reserved.

The Emerson logo is a trademark and service mark of Emerson Electric Co. All other marks are the property of their respective owners.

The contents of this publication are presented for informational purposes only, and while every effort has been made to ensure their accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. All sales are governed by our terms and conditions, which are available on request. We reserve the right to modify or improve the designs or specifications of our products at any time without notice. Responsibility for proper selection, use and maintenance of any product remains solely with the purchaser and end user.

D352517X012 / 05-19

Find us in social media



RemoteAutomationSolutions



Remote Automation Solutions Community



Emerson_RAS



Remote Automation Solutions



EMERSON