

# 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.



**FB3000 RTU**  
The powerful, scalable FB3000 RTU provides as much control as needed with the ability to easily span from measurement of a few meter runs to customized logic and control for more complex operations.



**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.



**ControlWave™ PAC - Process Automation Controller**  
Designed to meet demanding industrial control requirements, this flexible, high-performance hybrid PLC/RTU is capable of meeting local, expanded, remote and distributed I/O needs for challenging applications in oil and gas, water/wastewater and more.



**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.

## Pub-Sub Networking Solution



**FBxNet™ Peer-to-Peer Network**  
Enable FB3000 RTUs and FB1000 and FB2000 Series Flow Computers to communicate with one another in a single, scalable architecture, providing the agility to have centralized or distributed measurement and control, or a hybrid of the two.

## Integrated Wireless Solutions



**Distributed RTU™ Network**  
Designed for the ROC800-Series and FloBoss 107 devices, 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.

## Industrial Cloud Monitoring



**Zedi Cloud SCADA Solutions**  
Now available on Microsoft® Azure®, the Zedi cloud-based platform for remote monitoring and control is now even more secure and scalable, providing easily accessible asset data anytime, anywhere and advanced analytics in clear, easily understood formats.

## ProductionManager EDGE® Applications



**ProductionManager Equipment Module**  
A configuration application for the FB3000 RTU to efficiently monitor, track and diagnose equipment installed across your site.



**ProductionManager Well Test**  
Compliant with the latest API 20.5 well testing guidelines. An application for the FB3000 RTU that facilitates scheduled, automated well testing, or manual well test operations to mitigate potential issues with allocation, scheduling, multiple testers, and test results.



**ProductionManager Surface Controls**  
An application for the FB3000 RTU to facilitate implementation of simple or complex control, logic, and mathematical functions for all of your operational requirements.



**ProductionManager Well Optimization**  
An application for the FB3000 RTU to achieve continuous, real-time optimization of production based on industry standard methods.



## 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 robust, scalable, built-for-purpose TMS/TAS solution that drives greater intra-terminal and inter-terminal efficiencies by automating material transfers at any type of tank storage facility, from small to large and manned to unmanned.



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