

EMERSON LIFE SCIENCES OEM SOLUTIONS

Accelerating Innovation to Improve Patient Outcomes

A photograph of a laboratory setting with a blue tint. In the foreground, a man and a woman in white lab coats are looking at a computer monitor. The man is seated and typing on a keyboard, while the woman stands behind him, pointing at the screen. The monitor displays a complex 3D model of a virus, with various components labeled. To the right, another person in a lab coat and safety glasses is visible in the background, working at a different station. The lab is filled with various pieces of equipment, including test tubes, flasks, and a microscope.

Efficiency across the pharmaceutical and biotech lifecycle is required to meet rising global demand in life sciences.

Key Industry Challenges



Long Drug Development Timelines

Transferring processes and associated parameters across the product life cycle is challenging.



Operational Complexity

High variation in existing and new processes and strict regulatory compliance can create complexity across end-to-end production and operations.



Limited Flexibility in Manufacturing Changeover

Strict validation and separate approvals for changes to existing products or processes can impede new product manufacturing changeover.



Sustainability Challenges

Energy-intensive equipment and processes and lack of automation make it difficult to reduce emissions and energy costs.



Life Sciences Industry Opportunities

+10%

By 2037, population is expected to reach 9 billion

(Source: United Nations)

+49%

Personalized medicine is projected to scale to a \$909.8 billion market by 2030

(Source: Grand View Research)

94%

Industry professionals anticipate a rise in supply chain risks over next two years

(Source: Industry Dive)



Achieve Gains in Five Critical Areas to Unlock New Opportunities



Pipeline Acceleration

- Launch new products faster
- Transfer technology seamlessly



Flexible Manufacturing

- Orchestrate parameter-based recipes across multiple resources (processes, material, equipment)
- Enable efficient changeovers



Operational Integrity

- Accelerate production setup
- Optimize manufacturing schedule
- Manage assets efficiently



Real-Time Release

- Integrate inline testing
- Identify exceptions in real-time
- Control quality attributes in real-time



Sustainable Operations

- Optimize energy use
- Reduce waste
- Improve environmental responsibility



DeltaV™ | Life Sciences Platform

Gain access to a wide portfolio of integrated solutions that enhance your operations and advance innovation.

ACCELERATING INNOVATION IN LIFE SCIENCES

Emerson DeltaV™ | Life Sciences Platform

DeltaV™ | Life Sciences Platform delivers purpose-built automation for a clear digital roadmap today and even better tomorrow.

Digital Efficiency That Delivers Life-Saving Therapies Faster	Emerson offers an all-in portfolio for transforming the traditional, paper-heavy processes into a fully digital, highly efficient ecosystem, ensuring that life-saving therapies reach patients faster, with greater reliability and quality.
Purposefully Built To Address the Specific Needs of Life Sciences	Emerson has purposefully built, acquired and connected a portfolio of key technologies specific to the needs of the Life Science industry. DeltaV™ Life Sciences Platform provides best in class software solutions that work across recipe management, batch execution, workflow automation, and real-time monitoring.
Not Just a Better Automation Solution for Today; A Strategic Investment in Your Facility's Digital Evolution	DeltaV™ Life Sciences Platform delivers immediate process improvements vs legacy and competitive solutions while strategically evolving and preparing your facility and enterprise for the data-driven, AI-enabled future of biomanufacturing.
A Collaborative Approach to Building The Smartest, Most Efficient Bioprocessing Environment	We collaborate with our Life Sciences customers to develop the right automation strategy for today and a clear roadmap for building out a fully integrated, data-driven manufacturing ecosystem that has the power to seamlessly connect your site, your systems, and even your enterprise.

ACCELERATING INNOVATION IN LIFE SCIENCES

Emerson DeltaV™ | Life Sciences Platform

Unifying Data and Automation for Smarter Life Sciences Operations

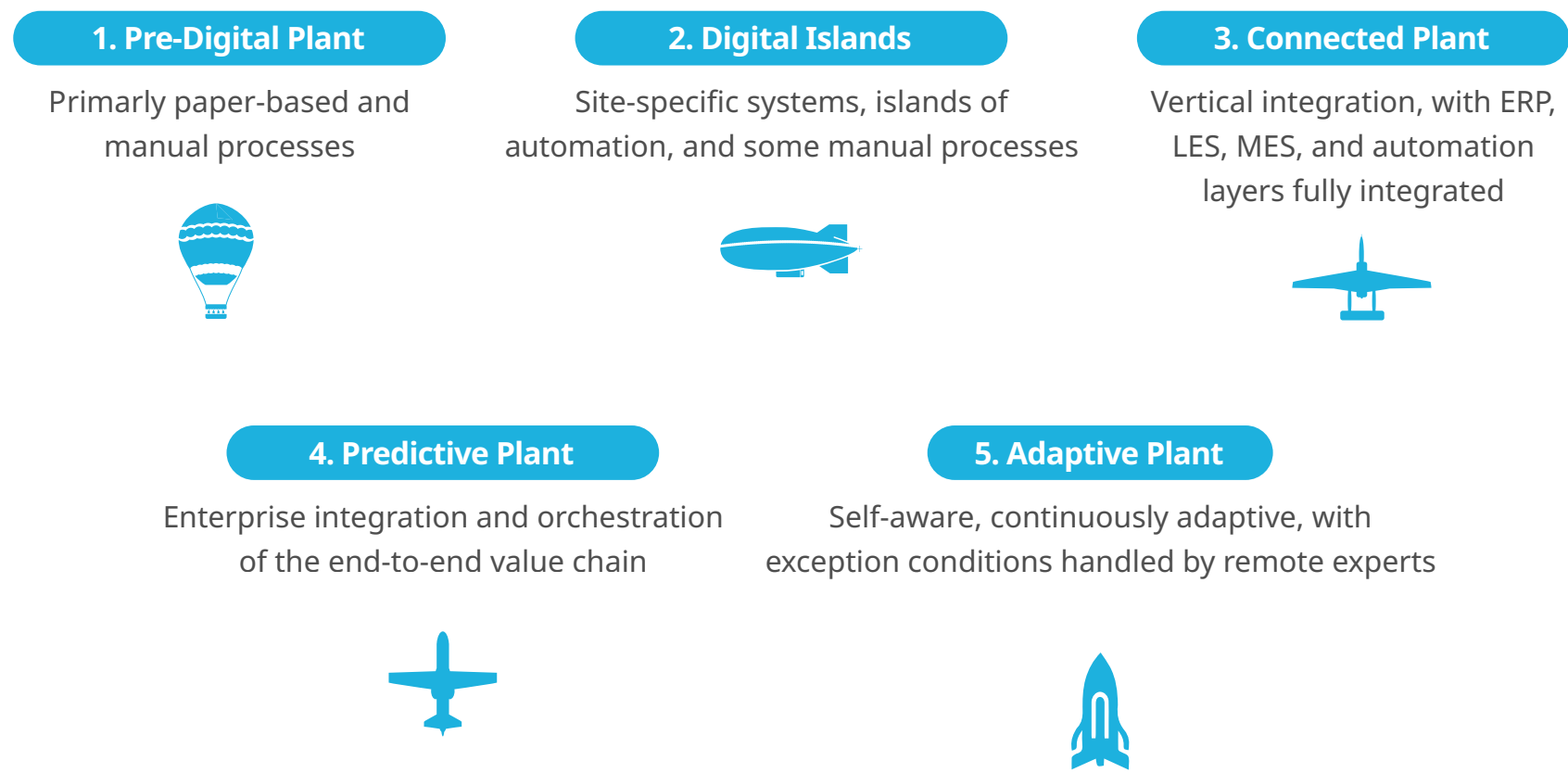
By integrating these solutions, DeltaV™ | Life Sciences Platform creates a cohesive digital ecosystem where knowledge flows seamlessly from development to manufacturing, providing end-to-end visibility, traceability, and control.

Best In Class Solutions

DCS Distributed Control System	Advances process efficiency, reliability, and scalability with centralized reporting, historian, batch control, audit trail, redundant communications, and user management.
MES Manufacturing Execution System	Ensures regulatory compliance, improves production efficiency, and reduces errors by replacing paper-based processes with a seamless digital system.
PKM Process Knowledge Management	Accelerates time to market with digitally integrated process specification and risk management throughout the product development lifecycle.
RTS Real-Time Scheduling	Maximizes facility utilization, minimizes downtime, and increases throughput by ensuring the most efficient scheduling of operations.

Continue Your Journey to the Adaptive Plant with Emerson’s Broad Portfolio and Integration with DeltaV™ | Life Sciences Platform

Emerson’s expertise and full value chain solutions help producers at any level navigate toward the adaptive plant. Deliver solutions efficiently and under budget by moving toward autonomous operations with the native DeltaV™ | Life Sciences OEM Platform on the OEM skid.



- Top Life Sciences Companies Use DeltaV™ | Life Sciences Platform
- Seamless Integrated Solutions
- Predictive Technologies
- Fit-for-Purpose, Scalable Solutions

Source: BioPhorum.com Digital Plant Maturity Model v3



Your Opportunity

Accelerate your time to market, enable delivery of standardized, scalable solutions, and drive long-term flexibility for customers with Emerson DeltaV™ | Life Sciences OEM Program.

Solving the OEM Skid Challenge with Agile, Easy to Integrate Solutions



Expand Value to End-User Clients

Partnered with Emerson, OEMs can provide clients with complete process automation solutions that attain project goals, reduce time to market, and optimize production throughout the lifecycle of their facilities.



Implement OEM Skid Solutions

Emerson experts collaborate with OEMs to deliver solutions for both independent skids and skids that integrate into the broader end-user's system.



Qualify and Validate System Requirements

With tools and techniques such as standardized S88 structures, remote virtual simulation, and engineering, and more, Emerson can help you reduce the costs of qualifying and validating systems.



Leverage Global Service Network

Access local Emerson experts who are located across the globe.



Grow Market Share

By collaborating with Emerson, OEMs can differentiate their technology offering to create more value to end-users.

Emerson Empowers OEMs to Achieve Best-in-Class End-to-End Automation Technologies

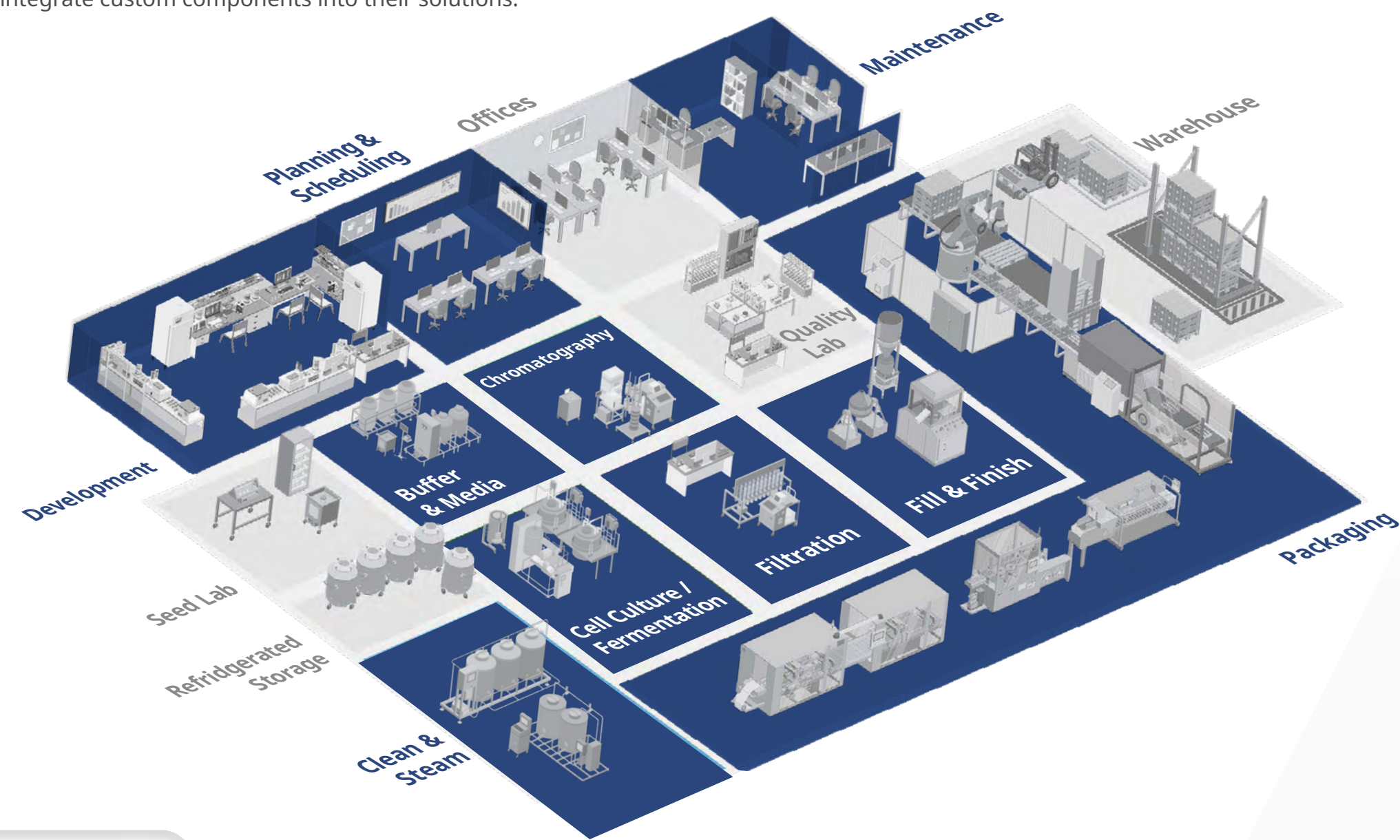
Emerson is Your Partner in Automation

DeltaVTM DCS In-House SW License Keys Open development licenses	Global Engineering Support OEM Dedicated Resources	DeltaVTM DCS Configuration Template OEM Library Maintenance and Support	Joint Marketing Sales & Marketing Support
Emerson Education Center Training Courses	Rewards Sales-Based Incentives	OEM Portal Partner Site Access	Sales Enablement Training & Strategic Touchpoints

LEARN MORE ABOUT EMERSON DELTATMV | LIFE SCIENCES OEM PROGRAM

Emerson Empowers You with Solutions at Every Stage of the Manufacturing Process

Emerson provides standardized, easily integrated technologies to reduce complexity so OEMs (or End-Users) can easily integrate custom components into their solutions.





Emerson DeltaV™ | Life Sciences OEM Program



Development



Drug Substance



Drug Product &
Packaging



Sustainable Utilities



Solutions for Development & Pre-Clinical

[LEARN MORE ABOUT DEVELOPMENT & PRE-CLINICAL](#)

Ensure continuous operations of systems and equipment.



DeltaV™ | Life Sciences Platform

DeltaV™ | Life Sciences Platform provides enhanced management capabilities for process development and pre-clinical operations, helping teams build scalable, well-controlled processes that are ready for clinical advancement and commercial manufacturing.

- [DCS Distributed Control System](#)
 - [DeltaV™ Flex System](#)
 - [PK Flex Controller](#)
- [DeltaV™ Spectral PAT](#)
- [PKM Process Knowledge Management](#)



PAC Controllers

Ensure quality, reduce waste, and maximize productivity.

- [PACSystems RX3i Controllers](#)

Drug Substance

Managing increasing complexity, ensuring quality and compliance, scaling up production efficiently.

1 BUFFER AND MEDIA

**2 CELL CULTURE /
FERMENTATION**

3 CHROMATOGRAPHY

4 FILTRATION

Solutions for Buffer and Media

LEARN MORE ABOUT BUFFER AND MEDIA

Ensure continuous operations of systems and equipment.



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- [PKM Process Knowledge Management](#)
- [DeltaV™ Mimic](#)



Valves and Regulators

Emerson's portfolio of flow control capabilities helps ensure accurate preparation of buffers and media by enabling enhanced process control with technologies.

- [ASCO Solenoid Valves](#)
- [Baumann™ 89000 Sanitary Control Valve](#)
- [Fisher™ Type SR8 Sanitary Backpressure Regulator](#)
- [Fisher™ Type SR5 Sanitary Pressure Regulator](#)
- [FIELDVUE](#)
- [Keystone CompoSeal Resilient Seated Butterfly Valve](#)
- [Neotecha™ NeoSeal Lined Butterfly Valve](#)
- [Neotecha™ Sapro In-Line Sampling System](#)
- [KTM™ Series EF1 Two Piece Ball Valve](#)
- [TESCOM High Purity Solutions](#)



Measurement Instrumentation Solutions

Emerson's measurement and control technologies provide a standardized, automated management solution for effectively monitoring and controlling pH to ensure optimal growth of cell cultures and effective separations. [Learn More](#)

- [Micro Motion H-Series Hygenic Coriolis Flow and Density](#)
- [Rosemount Hx338 Steam, Sterilization & Autoclave pH Sensor](#)
- [Rosemount 245 PUR-Sense Toroidal Conductivity Sensor](#)
- [Micro Motion H-Series Hygenic Coriolis Flow and Density Meters](#)
- [Rosemount 5408 Level Transmitter – Non-Contacting Radar](#)
- [Rosemount 1058 Dual Channel Transmitter](#)
- [Rosemount 644 Temperature Transmitter](#)
- [Rosemount 3051S Electronic Remote Sensor System](#)
- [Rosemount Hx338 Steam Serilizable and Autoclavable pH Sensor](#)
- [Flexim FLEXUS F721 WD Stationary Ultrasonic Water Flow Meter](#)



Asset Management and Predictive Maintenance

Prevent unexpected equipment failure with predictive maintenance.

- [Aspen Mtell®](#)
- [AMS Device Manager](#)



PAC Controllers

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Solutions for Cell Culture / Fermentation

LEARN MORE ABOUT CELL CULTURE / FERMENTATION

Ensuring optimal conditions in a bioreactor is crucial for maximizing cell viability and productivity, maintaining product quality, and meeting production targets.



DeltaV™ | Life Sciences Platform

DeltaV™ | Life Sciences Platform provides greater insight and control for all stages of a process. [Learn More](#)

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Valves and Regulators

Ensure integrity of each batch with certified high purity regulators and valves.

- [TESCOM High Purity Solutions](#)
- [ASCO Solenoid Valves](#)
- [Fisher™ Sanitary Regulators](#)
- [Yarway CT 100/150 Clean Steam Thermostatic Steam Trap](#)
- [Yarway Sanitary Steam Traps ST600 and ST800](#)
- [Neotecha Butterfly Valves](#)
- [Keystone K-Lok Series 38 High Performance Butterfly Valve](#)
- [Keystone™ Series GR Resilient Seated Butterfly Valve](#)
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- [FIELDVUE](#)



Measurement Instrumentation

Advanced measurement instrumentation allows drug manufacturers to optimize the fermentation process, ensuring consistent and high-quality outputs while enhancing reliability, batch-to-batch consistency, and production efficiency. [Learn More](#)

- [Rosemount 3051 SFC Compact Orifice Flow Meter](#)
- [Flexim FLUXUS G721 CA Compressed Air Flow Meter](#)
- [Rosemount 644 Temperature Transmitter](#)
- [Rosemount 5408 Level Transmitter – Non-contacting Radar](#)
- [Rosemount Hx438 Steam Sterilizable DO Sensor](#)
- [Micro Motion 5700 Field Mount Transmitter](#)
- [Micro Motion H-Series Hygienic Coriolis Flow and Density Meters](#)
- [Rosemount 3051HT Hygienic Pressure Transmitter](#)
- [Rosemount 2120 Level Switch – Vibrating Fork](#)
- [Rosemount 1058 Dual Channel Transmitter](#)
- [Rosemount X-STREAM Enhance XEGP Continuous Gas Analyzer](#)



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Solutions for Chromatography

LEARN MORE ABOUT CHROMATOGRAPHY
Optimized, precise and corrosion-resistant Chromatography solutions.



DeltaV™ | Life Sciences Platform

DeltaV™ | Life Sciences Platform helps ensure quality with improved chromatography and filtration. [Learn More](#)

- [DCS Distributed Control System](#)
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- [DeltaV™ Spectral PAT](#)
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- [MES Manufacturing Execution System](#)
- [PKM Process Knowledge Management](#)
- [DeltaV™ Mimic](#)



Valves and Regulators

Many OEMs depend on Emerson's isolation valves for sample injection control, due to a design that provides hermetic separation between the component and the media, and ensures high fluid purity.

- [TESCOM High Purity Solutions](#)
- [ASCO Solenoid Valves](#)
- [Fisher™ Sanitary Regulators](#)
- [Yarway CT 100/150 Clean Steam Thermostatic Steam Trap](#)
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- [Rosemount 3051 SFC Compact Orifice Flow Meter](#)
- [Rosemount 2100 Series Vibrating Fork Liquid Level Switch](#)
- [Rosemount 305 1HT Pressure Transmitter](#)
- [Rosemount 403 Conductivity Sensor](#)
- [Rosemount 1058 Dual Channel Transmitter](#)
- [Micro Motion H-Series Hygienic Coriolis Flow and Density Meters with Micro](#)
- [Motion 5700 Field-Mount Transmitter](#)



Asset Management and Predictive Maintenance

Prevent unexpected equipment failure with predictive maintenance.

- [Aspen Mtell®](#)
- [AMS Device Manager](#)

Solutions for Filtration

LEARN MORE ABOUT [FILTRATION SOLUTIONS](#)

Keeping purification running smoothly means closely monitoring and accurately controlling complex processes like chromatography columns and filtration skids to ensure quality without loss of product.



DeltaV™ | Life Sciences Platform

DeltaV™ | Life Sciences Platform provides enhanced management capabilities for the preparation and distribution of media and buffers to ensure they are available when and where they are needed. [Learn More](#)

- [DCS Distributed Control System](#)
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Asset Management and Predictive Maintenance

Proactively reduce commissioning time, simplify calibrations, and improve reliability with advanced diagnostics.

- [Aspen Mtell®](#)
- [AMS Software](#)

EMERSON LIFE SCIENCES OEM PROGRAM

Drug Product and Packaging

Ensuring product integrity and stability.

1 FORMULATION

2 FILL AND FINISH

3 PACKAGING

DRUG PRODUCT AND PACKAGING

Solutions for Formulation

LEARN MORE ABOUT BUFFER PREPARATION

Emerson solutions help to ensure consistent operations in formulation.



DeltaV™ | Life Sciences Platform

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- [DeltaV™ Mimic](#)



Valves and Regulators

Enable smart controls and valves during bottling and packaging.

- [AVENTICS Pneumatics Solutions](#)
- [TESCOM High Purity Solutions](#)
- [ASCO Solenoid Valves](#)
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Asset Management and Predictive Maintenance

Prevent unexpected equipment failure with predictive maintenance.

- [Aspen Mtell®](#)
- [AMS Software](#)



PAC Controllers

Ensure quality, reduce waste, and maximize productivity.

- [PACSystems RX3i Controllers](#)



Control and Safety Systems

Monitor overall equipment effectiveness for optimal performance.

- [Movicon](#)



Measurement Instrumentation

Advanced measurement instrumentation allows drug manufacturers to optimize the fermentation process, ensuring consistent and high-quality outputs while enhancing reliability, batch-to-batch consistency, and production efficiency. [Learn More](#)

- [Rosemount Hx338+ Steam Serilizable & Autoclavable pH Sensor](#)
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- [Rosemount 2100 Series Vibrating Fork Liquid Level Switch](#)
- [Rosemount 305 1HT Pressure Transmitter](#)
- [Rosemount 403 Conductivity Sensor](#)
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- [Rosemount 5408 Level Transmitter – Non-contacting Radar](#)
- [Micro Motion H-Series Hygienic Coriolis Flow and Density Meters with Micro Motion 5700 Field-Mount Transmitter](#)
- [Micro Motion G Series Ultracompact Flow and Density Meter](#)
- [Micro Motion 1600 Compact Transmitter](#)
- [Rosemount 644 Temperature Transmitter](#)
- [Rosemount 3051S Electronic Remote Sensor](#)

Solutions for Fill and Finish

LEARN MORE ABOUT FILL AND FINISH

Minimize costly waste in fill finish applications while ensuring consistent quality and high-precision processes with reliable process controls.



DeltaV™ | Life Sciences Platform

DeltaV™ | Life Sciences Platform can ensure quality, compliance, and optimized implementation in a cost-effective plant. [Learn More](#)

- [DCS Distributed Control System](#)
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Solutions for Packaging

LEARN MORE ABOUT SOLUTIONS FOR PACKAGING
Optimize the speed, accuracy, and efficiency of your life sciences medical packaging processes.



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PAC Controllers

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- [PACSystems RX3i Controllers](#)



Feeding and Handling Solutions

Modular, flexible feeding, and detangling systems that optimize sorting, separation & provisioning of small parts in specialized applications.

- [Aventics Series Feeders](#)



Pneumatics

Pneumatic filters, regulators and lubricators (FRLs) that are easy to install.

- [AVENTICS 651/652/653 Air Preparation Units](#)



Asset Management and Predictive Maintenance

Prevent unexpected equipment failure with predictive maintenance.

- [Aspen Mtell®](#)
- [AMS Software](#)



Control and Safety Systems

Monitor overall equipment effectiveness for optimal performance.

- [Movicon](#)

Sustainable Utilities

Optimize energy usage and reduce water consumption to reduce your carbon footprint

- | | | | |
|---|----------------------------------|---|--------------------------------|
| 1 | CLEAN IN PLACE
STEAM IN PLACE | 4 | PLANT STEAM |
| 2 | COOLING TOWERS | 5 | PLANT AIR |
| 3 | HVAC SYSTEMS | 6 | PLANT WATER AND
WASTE WATER |



Solutions for Clean in Place, Steam in Place

LEARN MORE ABOUT CLEAN IN PLACE, STEAM IN PLACE

Integrating advanced automation solutions, real-time analytics, and sophisticated control systems will reduce resource consumption, energy usage, chemical use, and wastewater, thereby lowering environmental impact and operational costs.



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Asset Management and Predictive Maintenance

Improve efficiency by predicting and eliminating energy waste.

- [Aspen Mtell®](#)
- [AMS Device Manager Software](#)

Solutions for Cooling Towers

LEARN MORE ABOUT COOLING TOWERS

Emerson’s cooling tower monitoring and analysis solution replaces infrequent manual readings with online insight into the health and performance of your cooling tower, allowing you to detect and address issues that could lead to lost cooling capacity, asset damage, or higher energy use.



DeltaV™ | Life Sciences Platform

DeltaV™ | Life Sciences Platform can ensure quality, compliance, and optimized implementation in a cost-effective plant. [Learn More](#)

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Measurement Instrumentation

Emerson’s asset monitoring solutions can optimize the cycle rate, minimizing operating costs, and ensuring good water quality. [Learn More](#)

- [Rosemount 3015 Pressure Transmitters](#)
- [Rosemount 848T Wireless Temperature Transmitter](#)
- [Rosemount X-Well Technology](#)
- [Rosemount DP Flow Solutions](#)
- [Rosemount Pressure Gauge](#)
- [Conductivity Sensor](#)
- [Rosemount 2160 Wireless Level Detector – Vibrating Fork](#)
- [Rosemount 3308 Wireless Level Transmitter](#)
- [Fisher Control Vee Ball Valve](#)



PAC Controllers

Ensure quality, reduce waste, and maximize productivity.

- [PACSystems RX3i Controllers](#)

Solutions for HVAC

Effective control of room conditions ensures a consistent, contamination-free environment, essential for high-quality life sciences outcomes while mitigating the significant energy demands of these facilities. [Learn More](#)



DeltaV™ | Life Sciences Platform

DeltaV™ | Life Sciences Platform can ensure quality, compliance, and optimized implementation in a cost-effective plant. [Learn More](#)

- [DCS Distributed Control System](#)
 - [DeltaV™ Flex System](#)
 - [PK Flex Controller](#)
- [DeltaV™ Mimic](#)



Non-Intrusive Monitoring of Clean Room HVAC Thermal Energy

Flexim technology offers effective thermal energy management, ensures a consistent, contamination-free environment, essential for high-quality life sciences outcomes while mitigating the significant energy demands of these facilities. [Learn More](#)

- [Flexim FLUXUS F532 Thermal Energy Non-Intrusive Heat and Cold Metering](#)
- [Flexim FLUXUS F601 Energy Portable Thermal Energy Metering](#)
- [Flexim FLUXUS F721TE Heat and Cold Metering in any Environment](#)
- [Emerson's Intelligent Automation Energy Manager Solution](#)



Measurement Instrumentation

Emerson's asset monitoring solutions can optimize the cycle rate, minimizing operating costs and ensuring good water quality. [Learn More](#)

- [Rosemount 3015 Pressure Transmitters](#)
- [Rosemount 848T Wireless Temperature Transmitter](#)
- [Rosemount X-Well Technology](#)
- [Rosemount DP Flow Solutions](#)
- [Rosemount Pressure Gauge](#)
- [Conductivity Sensor](#)
- [Rosemount 2160 Wireless Level Detector – Vibrating Fork](#)
- [Rosemount 3308 Wireless Level Transmitter](#)
- [Fisher Control Vee Ball Valve](#)



Sanitary Steam Traps

The Yarway line of sanitary steam traps reduces downtime in clean steam applications

- [Yarway Sanitary Steam Traps](#)
- [Yarway CT 100/150 Clean Steam Thermostatic Steam Trap](#)

Solutions for Steam

LEARN MORE FOR PLANT STEAM SYSTEMS

Optimizing steam generators and heat recovery steam generators can mitigate effects of cycling and improve availability of your units.



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 - [DeltaV™ Flex System](#)
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- [DeltaV™ Mimic](#)



Valves and Regulators

Emerson provides the industry standard for reliability, adaptability, and energy efficiency.

- [AVENTICS Pneumatics Solutions](#)
- [TESCOM High Purity Solutions](#)
- [ASCO Solenoid Valves](#)
- [Fisher™ Sanitary Regulators](#)
- [Yarway CT 100/150 Clean Steam Thermostatic Steam Trap](#)
- [Yarway Sanitary Steam Traps ST600 and ST800](#)
- [Neotecha Butterfly Valves](#)
- [Keystone K-Lok Series 38 High Performance Butterfly Valve](#)
- [Keystone™ Series GR Resilient Seated Butterfly Valve](#)
- [Neotecha™ NeoSeal Lined Butterfly Valve](#)
- [Neotecha™ Sapro In-Line Sampling System](#)
- [KTM™ Series EF1 Two Piece Ball Valve](#)
- [Baumann™ 89000 Sanitary Control Valve](#)
- [FIELDVUE](#)



Measurement Instrumentation

Optimize steam temperature control loops to improve availability. [Learn More](#)

- [Rosemount 403 Conductivity Sensor](#)
- [Rosemount 1058 Dual Channel Transmitter](#)
- [Rosemount 5408 Level Transmitter – Non-Contacting Radar](#)
- [Micro Motion H-Series Hygienic Coriolis Flow and Density Meters with Micro](#)
- [Motion 5700 Field-Mount Transmitter](#)
- [Micro Motion G Series Ultracompact Flow and Density Meter](#)
- [Micro Motion 1600 Compact Transmitter](#)
- [Rosemount 644 Temperature Transmitter](#)
- [Rosemount 3051S Electronic Remote Sensor](#)
- [Rosemount Hx338+ Steam Serilizable & Autoclavable pH Sensor](#)
- [Rosemount 3051 SFC Compact Orifice Flow Meter](#)
- [Rosemount 2100 Series Vibrating Fork Liquid Level Switch](#)
- [Rosemount 305 1HT Pressure Transmitter](#)



Asset Management and Predictive Maintenance

Improve efficiency by predicting and eliminating energy waste.

- [Aspen Mtell®](#)
- [AMS Device Manager Software](#)

Solutions for Plant Air

LEARN MORE ABOUT SOLUTIONS FOR PLANT AIR
Ensure particle free, reliable plant air to your valves and while minimizing energy consumption.



DeltaV™ | Life Sciences Platform

DeltaV™ | Life Sciences Platform can ensure quality, compliance, and optimized implementation in a cost-effective plant. [Learn More](#)

- [DCS Distributed Control System](#)
 - [DeltaV™ Flex System](#)
 - [PK Flex Controller](#)
- [DeltaV™ Mimic](#)



Pneumatics

Ensure optimum performance by removing contaminants like solids or condensation, and adjusting pressure levels as needed.

- [AVENTICS™ Series Air Preparation Units](#)
- [AVENTICS Pressure Switches](#)



Pneumatics Accessories

- [AVENTICS Pressure Switches](#)
- [AVENTICS Pressure Sensors](#)
- [AVENTICS Pressure Gauges](#)
- [AVENTICS Silencers](#)



Flow

Leverage advanced mass flow measurement technologies.

- [Micro Motion Model 1500](#)



Compressed Air Measurement

Compressed Air Leak Detection with Non-Intrusive Flow Meters.

- [Flexim FLUXUS G731](#)
- [Flexim FLUXUS G601](#)

Solutions for Plant Water and Wastewater

LEARN MORE ABOUT SOLUTIONS FOR PLANT AIR AND WASTEWATER

Today’s operations are faced with finding ways to improve operational efficiency and minimize costs to meet regulatory requirements and sustainability goals. Emerson’s team of water industry experts can help you achieve operational excellence, minimizing energy use while enhancing equipment reliability and operator effectiveness.



DeltaV™ | Life Sciences Platform

DeltaV™ | Life Sciences Platform can ensure quality, compliance, and optimized implementation in a cost-effective plant. [Learn More](#)

- [DCS Distributed Control System](#)
 - [DeltaV™ Flex System](#)
 - [PK Flex Controller](#)
- [DeltaV™ Spectral PAT](#)
- [DeltaV™ Mimic](#)



Water Quality

Emerson’s water quality system is intended for the determination of pH, ORP, conductivity, temperature, free chlorine or monochloramine, oxygen, turbidity, and particle index in fresh water.

- [Rosemount WQS \(Water Quality System\)](#)



Fluid Control for Water Treatment

Emerson offers a broad range of water treatment solutions such as water flow control valves to control transfer pumps and process valves, compact pneumatic manifolds with fieldbus electronics for valve automation and lead-free products for potable water treatment applications and water treatment plants.

- [ASCO Series Stainless Steel Spool Valves](#)
- [ASCO Composite Solenoid Valve](#)
- [ASCO Pneumatics Fittings](#)
- [ASCO Pneumatics Tubing](#)



Measurement Instrumentation

[Learn More](#)

Level Solutions for water management

- [Rosemount 1208 Level and Flow Transmitter Non-Contacting Radar](#)
- [Rosemount 3490 Controllor](#)
- [Rosemount 2140 Level Detectpr – Vibrating Fork](#)
- [Rosemount 2500 Series Point Level Switches for Solids Applications](#)

Wastewater Flow Measurement

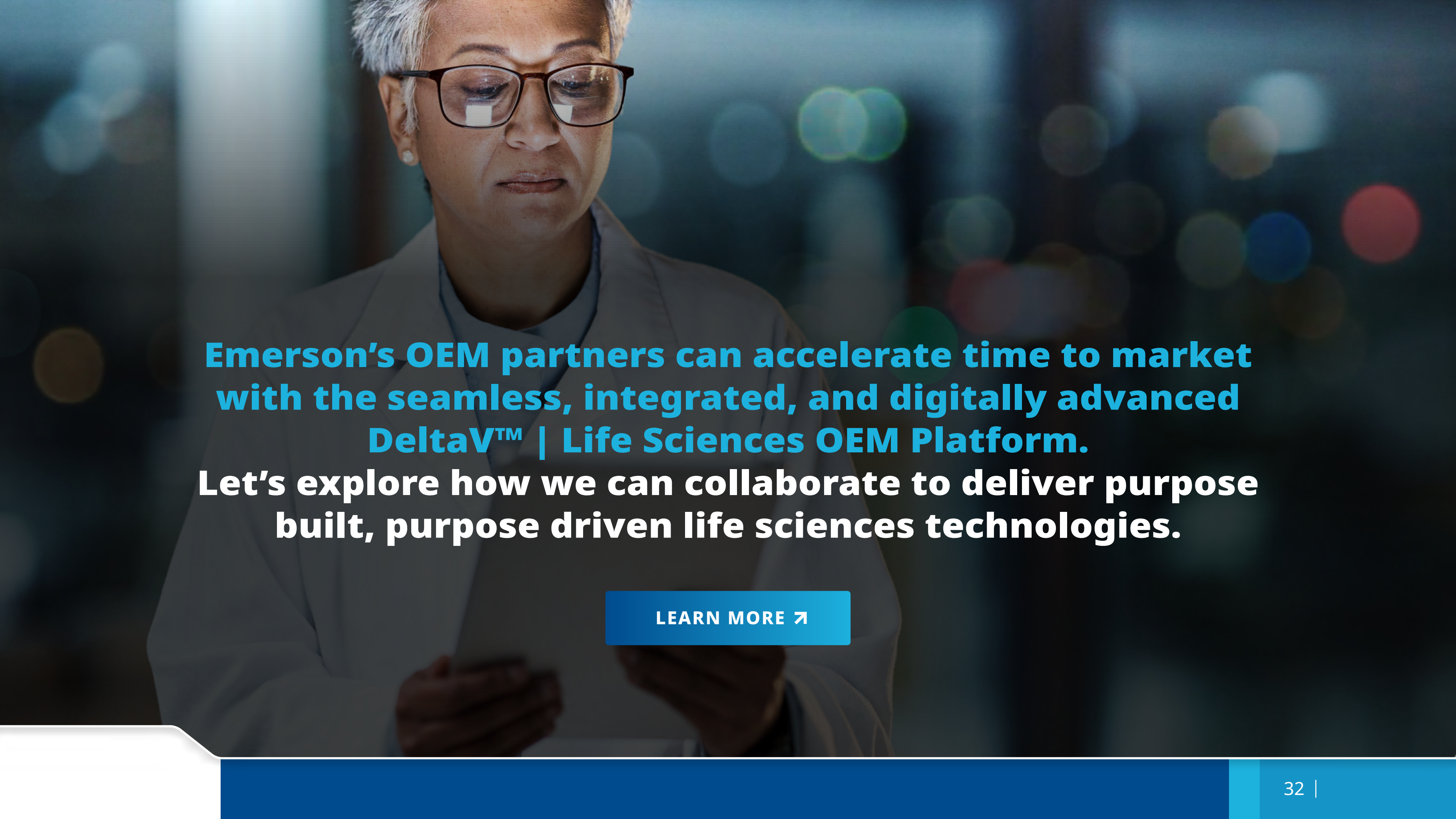
- [Flexim FLUXUX F731 WD Stationary Flow Meter](#)
- [Rosemount 8759W Magnetic Flow Meters for Utility Water Applications](#)
- [Micro Motion G-Series Ultracompact Density Meters](#)
- [Mico Motion Smart Meter Verification](#)

Reliable Pressure Solutions

- [Rosemount Pressure Transmitter Family](#)
- [Rosemount Diaphragm](#)
- [Rosemount Wireless Pressure Gauge](#)

Enhance water quality with Analytical Sensors

- [Rosemount FCL Free Chlorine Measuring System](#)
- [Rosemount 3900 General Purpose Sensor with Varipol Connection](#)
- [Rosemount 400 Contacting Conductivity Sensor](#)
- [Rosemount 1058 Dual Channel Transmitter](#)
- [Rosemount Dissolved Ozone Sensor](#)
- [Rosemount Clarity Turbidimeter](#)
- [Rosemount Chlorine Sensor](#)
- [Rosemount Toroidal Conductivity Sensor](#)



**Emerson's OEM partners can accelerate time to market
with the seamless, integrated, and digitally advanced
DeltaV™ | Life Sciences OEM Platform.**

**Let's explore how we can collaborate to deliver purpose
built, purpose driven life sciences technologies.**

LEARN MORE ↗

