

**Delivering project success for
measurement instrumentation.**

Project Management Office

Enabling project certainty



One Less Project Risk

When you are accountable to deliver a successful project with quantifiable business results, risk is always your adversary. The fact that instrumentation installation comes just before commissioning and can delay start-up, places it near the top of your risk register. Emerson’s Project Management Office (PMO) can help keep your instrumentation on track.

As your professional peers, our PMP™ Certified Project Managers apply project management best practices – customized for instrumentation. One assigned project manager serves as your main point of contact, your go-to person for accountability to control uncertainty through early alignment of project scope, formal communication plans and risk management. We are committed to helping ensure you get predictable project results for one less project risk.



Industry Trends

Three out of five organizations report that managing multiple stakeholders is a defining characteristic of complexity in projects.¹



Projects that are aligned to strategy are 57% more likely to deliver their business benefit. They are also 50% more likely to finish on time and 45% more likely to stay within budget.²



The number of projects that are lost (“Failed project, budget lost”) has stubbornly remained above 30% for the last six years.³



1. Construction Industry Institute: Adding Value Through Front End Planning, CII Special Publication 268-3.
2. Oracle Construction and Engineering Blog, November 30, 2021
3. Project Management Institute PMI Pulse of the Profession 2017



Early collaboration helps define your project goals and sets the foundation for successful project start-up and operational excellence

Project Certainty

The complexity of today's capital projects has reached a tipping point. Projects are larger, more technical and running faster than ever before with unsustainable budget and schedule overruns. Project Certainty is our transformational approach to enabling capital project success by digitally transforming your project through modern project management strategies, innovative engineering practices and digital technologies.

Our project execution approach delivers solutions that eliminate costs, reduce complexity and tools to accommodate change to improve capital efficiency. Ensure your capital projects are on-time and on budget with project certainty.

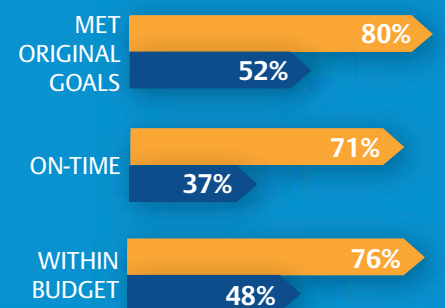
Strategically Located Globally Connected



Our Global Centers of Project Excellence: Committed to Your Project Success

Whatever your project logistics, our PMO is well established, drawing from thousands of resources to provide the expert partnering you need, where you need them.

Through years of experience and training, we have built a knowledgeable, agile, globally-connected, enterprise-wide project management team. Augmenting your team with our dedicated Project Management instrumentation experts provides the communication network to ensure your project success.



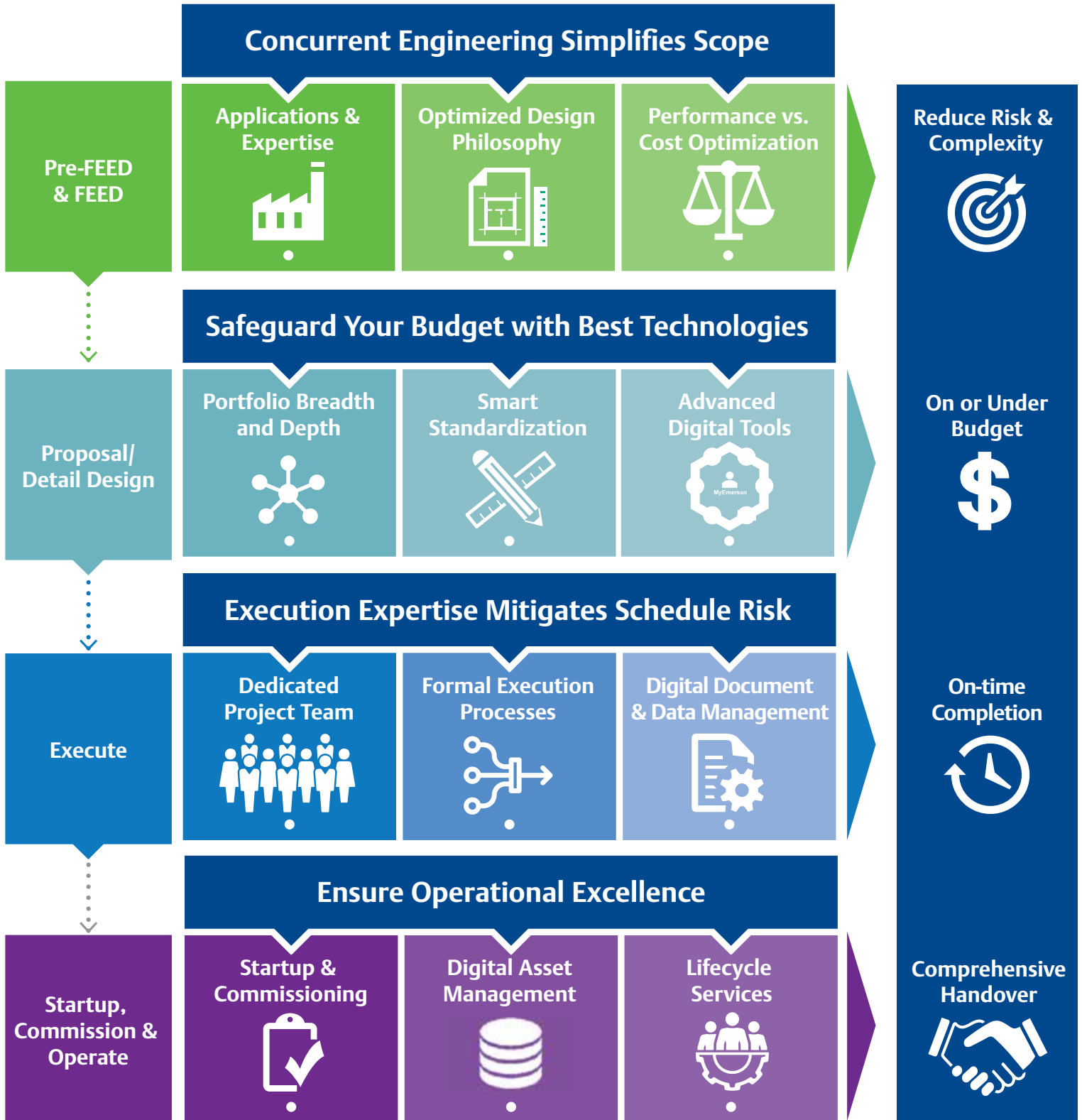
- HIGHLY EFFECTIVE COMMUNICATORS
- MINIMALLY EFFECTIVE COMMUNICATORS

**Organizations that
communicate more
effectively have more
successful projects.**

*PMI Pulse of the Profession™ In-Depth Report:
The Essential Role of Communications 2013*

Our Project Management Methodology

Our proven, standardized project management best practices – used consistently around the world – help manage multiple stakeholders, scope, schedule and budget to reduce complexity and mitigate project risks to ensure operational excellence.





Pre-FEED & FEED

Concurrent engineering simplifies scope.



Applications & Expertise



Engaging with you early allows our project management, technology and application experts to help define your project strategy and goals.

Optimized Design Philosophy



Project details from multiple sources are managed using globally consistent project management processes and digital collaboration tools.

Performance vs. Cost Optimization



Your project philosophies are collaboratively engineered into specifications and designs aligned to your vision.

Reduce Risk & Complexity



Identify risks early

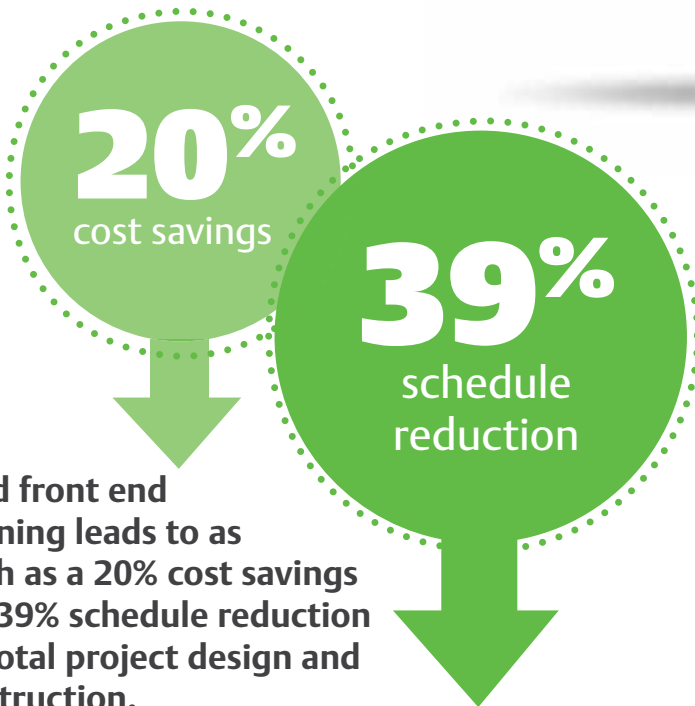
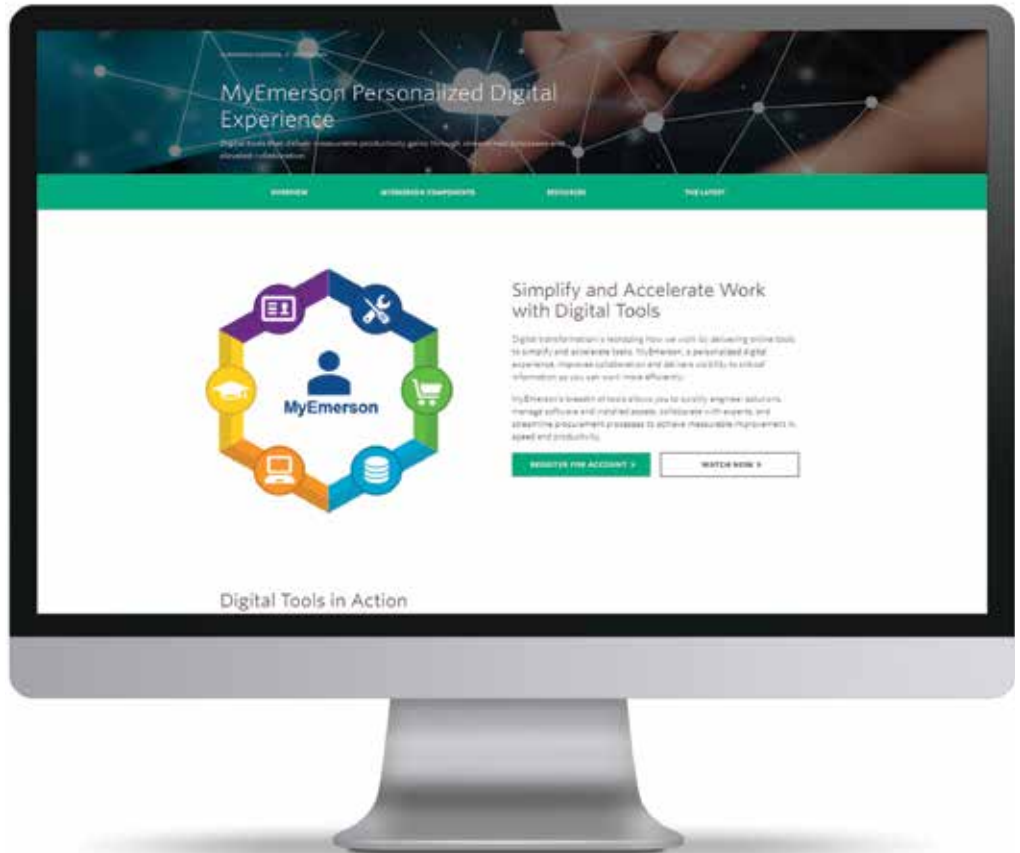
Gain project visibility and drive consistency

Drive CAPEX savings together



MyEmerson connects your experts to our experts to minimize risk and complexity.

Digital tools tailored for your project allow us to quickly co-engineer solutions and collaboratively manage project details with project management, technology and application experts.



Good front end planning leads to as much as a 20% cost savings and 39% schedule reduction for total project design and construction.

-Construction Industry Institute: Adding Value Through Front-End Planning. CII Special Publication 268-3

Digitally connected and aligned to your vision

- Collaborative engineering in an integrated and centralized workspace
- Easily manage project data across multiple sources
- Manage project schedule and governance



Proposal Detail Design

Safeguard your budget with best technologies.



Portfolio Breadth and Depth



One supplier to provide global project management, life cycle services and the industry's most extensive portfolio of automation and field instrumentation solutions.

Smart Standardization



Standardized design principals applied across engineering teams enable consistent technology selection for best technology fit.

Advanced Digital Tools



Advanced digital tools allow you to confidently engineer solutions, manage project details and elevate expertise in shared collaborative workspaces.

**On or Under
Budget**



**Optimize CAPEX
and OPEX**

**Reduce engineering
procurement and
commissioning time**

Increase efficiency



MyEmerson Online Sizing and Selection Tools

- Quickly size and configure
- Compare technology recommendations
- Collaborate in a shared workspace
- Calculate thermowells 90% faster with one click



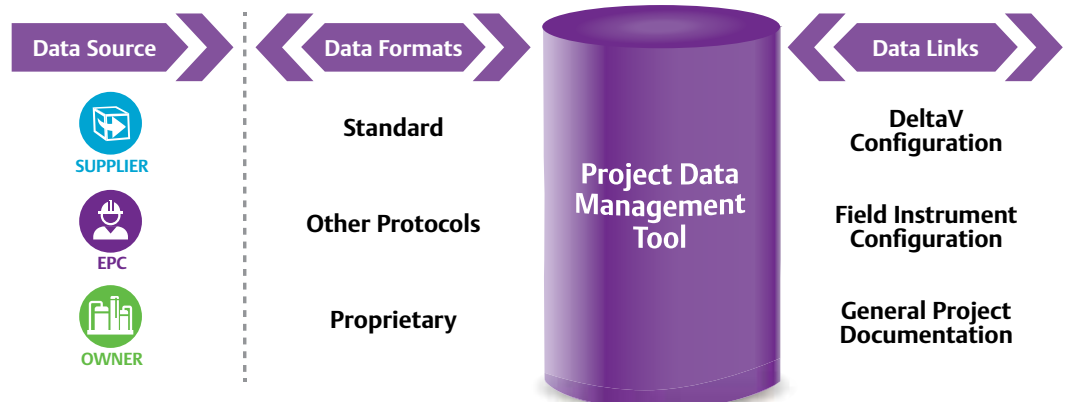
The Emerson Project Management Tools Suite

- Global team connectivity
- Maintain project schedule
- Monitor and control project deliverables

The Emerson Project Data Management Tool

Our data management tool mitigates risk during change.

- Eliminate complexity with single data source
- Links data across entire technology scope
- Data Management, tracking and validation
- Automated process with seamless integration
- Enables concurrent engineering





Execute

Execution expertise mitigates schedule risk.



Dedicated Project Team



One project manager and their dedicated team accountable to manage your project details, progress and changes, while keeping you informed.

Formal Execution Processes



Understanding your project goals creates a clear alignment, so we can effectively apply our global standards and phase-gate process to continuously manage risk.

Digital Document & Data Management



Gain real-time visibility, tracking and reporting of project deliverables with our digital suite of project and document management tools.

On-Time Completion



Collaboration and change management

Manage schedule risk

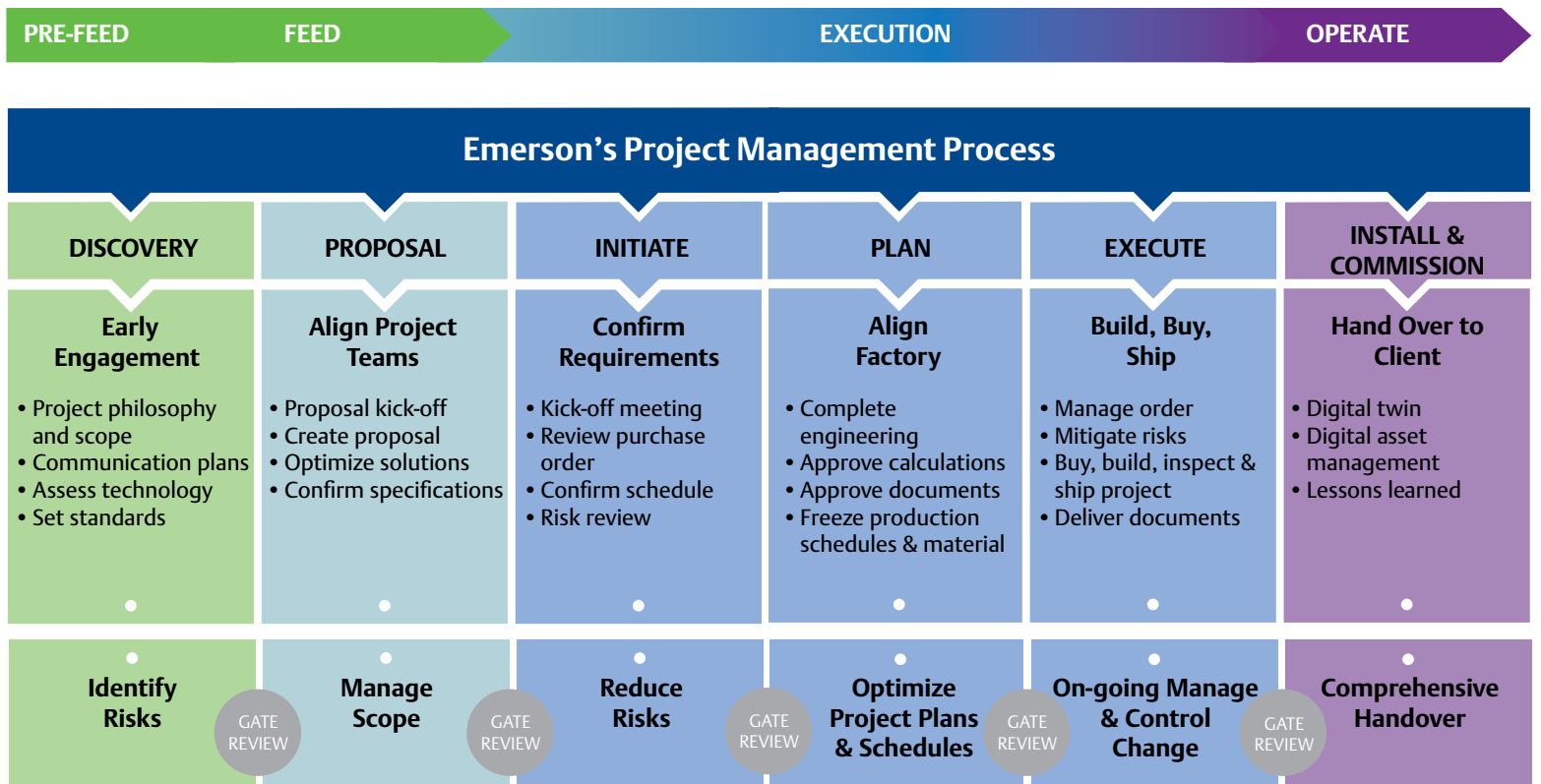
Optimized schedule



Best Practice Project Management Proven to Mitigate Risk

Tailored for instrumentation, our phase-gate project management process ensures alignment and structure for effective communications throughout your project lifecycle. At each step of your project, both your team and ours review required deliverables, assess risks, and then create an action plan for moving on to the next phase.

Your Project Lifecycle



Document Management Services

Our Engineering Document Management System supports your protocols for transmittals and uploads to reduce information processing time and effort.

- Dedicated Documentation Controller for your project
- Automated processes reduce errors and rework
- Manage reviews, revision control and approval cycles
- Easy access to documentation status and metrics
- Improve deliverables quality and schedule risk



Startup, Commission & Operate



Ensure operational excellence.

Startup & Commissioning



Emerson-certified service experts can help validate installation and ensure proper configuration and commissioning of your field instrumentation, all managed by your dedicated project team.

Digital Asset Management



Online asset management tools provide on-demand access to technical information, spare parts, recommended replacements and lifecycle status for all devices installed in your plant.

Lifecycle Services



Emerson Lifecycle Services offers maintenance, reliability and performance services to keep your plant operating at full potential.

Comprehensive Handover



Assess operational and project risks early to ensure a safe and smooth startup

Streamline and accelerate maintenance planning and execution

Maximize automation and instrumentation investment



Scan the QR code on the device for serialized device information in the field.

Digital Asset Management Tools Streamline and Accelerate Maintenance Work

Each Emerson device in your plant has a complete set of digital files accessible through MyAssets, available with your MyEmerson account. MyAssets shows lifecycle status, recommended replacement details and provides device-specific technical information at your fingertips.

With easy access at any time, you can monitor device lifecycle dashboards, manage device inventory, review specifications, look at options and order products for new installations, upgrades or spares.

- Assemble work packets faster
- Make a replacement strategy
- Quickly and easily order the exact part you need
- Get instant access to installed device details

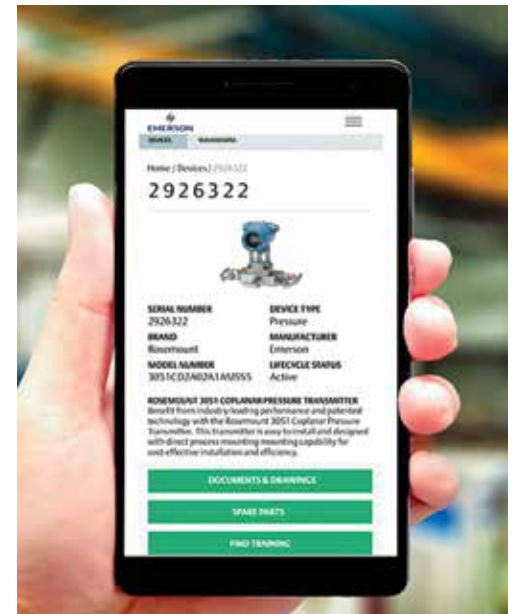
Create accurate quotes and orders, manage lead times and view transactional history.



Get on-demand access to installed asset records, recommended spare parts, walkdown reports and lifecycle status.



Have instant access to asset details and technical documentation in the field – at the device.



Instrument Inspections to Fit Your Needs



Flexibility to choose your virtual inspection experience

Now, you can easily inspect product quality and technical documentation remotely, through photo inspection or video broadcasting with our Emerson experts. Your Virtual Inspection will be completed in alignment with the approved Inspection Test Plan (ITP) to meet your requirements without incurring the added time and expense for travel or resourcing third-party inspectors.

Virtual Video

- Meeting your requirements with the same inspection quality compliance
- Live virtual meetings with our factory experts
- No recordings to protect your intellectual property

Photo Documentation

- Photographs taken at the factory to document compliance
- Option for Validated Inspection Report with Inspection Certificate
- Presented to you for review and approval

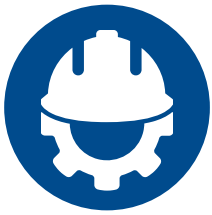
Or Join Us On-site

- On-site factory experience
- First-hand inspection quality assurance or Factory Acceptance Test (FAT)
- Guided by Emerson personnel



Start-up and Commissioning Maximize and Protect Your Products

Our service technicians are factory trained and certified on Emerson products. They adhere to standard operating procedure protocols, which ensure consistent support and service outcomes. This enables them to provide accurate and reliable process measurement products in any application, process, or plant, every time.



Start-up Safely

- Most safety incidents occur during plant start-up; minimize these risks and potential penalties with Emerson-certified specialists
- Our specialists recognize the criticality of a strong quality, health, safety, and environmental focus while at your facility



Ensure High Quality

- Develop efficient network design and install according to reference standards
- Configure products to operating parameters
- Perform diagnostic testing and verify transmitter outputs



Stay On Schedule

- Eliminate delays and associated costs due to improper installation and setup
- Schedule on-site work during the business week, or over the weekend, to fit project time frames



Improve Staff Skills

- Receive on-site training from our service team
- Diagnose and solve common product and network issues

Best Practice Project Execution



Established proven processes, digital tools, and trained people, all proven to collaboratively manage large global projects

Safeguard schedule and budget.

- Achieve fast-track timelines
- Minimize impact by getting it right
- Reduce change cost and delivery impact

Reduce risk and complexity.

- Streamline engineering
- Manage change and revisions
- Maintain project alignment and control scope

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