



# MEASUREMENT INSTRUMENTATION PROJECT MANAGEMENT OFFICE (PMO) SOLVES CHALLENGES FOR LIFE SCIENCES GREENFIELD PROJECTS

## Customer

Global Life Science Manufacturers

## Application

Life Science Greenfield Factory Projects in Europe

## Challenge

Two Life Science manufacturers constructing new greenfield factories faced several critical challenges that threatened project efficiency and overall success. The need to coordinate with numerous OEMs and skid builders located across multiple countries created significant complexity in communication and project alignment. Interactions with EPCs, OEMs, skid builders, and suppliers added further layers of difficulty, making it challenging to maintain clear oversight.

Standardizing instrumentation was essential for enhancing efficiency and reducing long-term maintenance costs. However, both end-users were constrained by limited engineering and project management resources, which complicated project execution.

These factors heightened the risk of supply chain uncertainties due to the end-users having limited oversight of the OEMs, potentially leading to project delays, incorrect instrumentation orders, and the sourcing of materials from unapproved suppliers. Overcoming these challenges was essential to ensure smooth project progression, cost efficiency, and long-term operational success.

## Results

- Strengthened alignment between end-users and OEMs
- Optimized ordering and delivery process, resulting in project time savings of 2,000 hours
- Standardized instrumentation to ensure long-term operational success, yielding 2% capital cost savings



**Image 1.** Pharmaceutical skid with Emerson measurement instrumentation

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## Solution

The Measurement Instrumentation Project Management Office (PMO) streamlined the projects' processes, partnering with local Emerson sales offices to deliver technical consultation and build direct relationships with both end-users and their EPCs. By offering OEM Management as a service, the PMO transformed a previously fragmented process into a structured, efficient approach to instrumentation supply management. Project alignment was achieved by regular meetings and direct engagement with end-users, ensuring seamless coordination throughout the project lifecycle. Approximately 2,000 hours were saved across both projects.

The PMO optimized ordering and delivery processes by guiding order management, balancing factory production capabilities with OEM requirements, and recommending ideal ordering scenarios to improve efficiency. A single PMO point of contact provided centralized oversight for both the owner-operators and the OEMs, improving visibility, ensuring consistent instrumentation selection, and delivering critical planning support. This resulted in an additional 1,600 hours of time savings for skid builders.

Through proactive OEM management and strategic oversight, Emerson delivered 2% capital cost savings with improvements in efficiency, transparency, and reliability—reinforcing our position as a trusted instrumentation partner for Life Science projects.



*Emerson is the only supplier that has complete control over the scope of supply.*



**Global Life Science Manufacturer**  
*Procurement Manager for Large Greenfield Project*

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00830-0100-4806, Rev AA