

RELIABILITY SERIES

Integrated Polymers Facility Adopts Powerful Software To Jump Start Its Comprehensive Reliability Strategy

Setting the Stage for Decades of Success

As a key supplier for this mega project, the Scallon Controls and Emerson team recently helped commemorate the groundbreaking event for this \$8.5 billion integrated polymers facility located in Orange, Texas—the largest greenfield project to be built in this region in decades. Things are moving quickly and Scallon Controls is intimately involved with the preliminary consulting and ongoing implementation during the initial planning phase to ensure that all key suppliers and project assets are properly defined and integrated into the Emerson Catapult® platform, a vital Planning and Reliability tool central to this project.



To give this some perspective, Scallon Controls will eventually have all 315,000 facility components, as well as an associated library of intellectual property, in the Catapult database. We're helping build the plant—literally from the ground up—and will have detailed data for every part, pump, piping loop, and valve included and available for use by their maintenance teams for decades to come.

Data Standardized Platform Supports the Business

Catapult is designed to equip corporate reliability teams with the methodology and tools to support reliability and maintenance personnel throughout every phase of a project. Catapult catalogs assets and spares, prioritizes reliability strategy development through criticality analysis, and documents the most cost-effective combination of controls for all failure modes. Once a reliability strategy template has been built, Catapult makes it available to be adapted and applied to all similar assets across the fleet, driving rapid implementation and standardization of best practices. Strategy performance is measured across the population and Catapult publishes strategy improvements for use across the fleet.

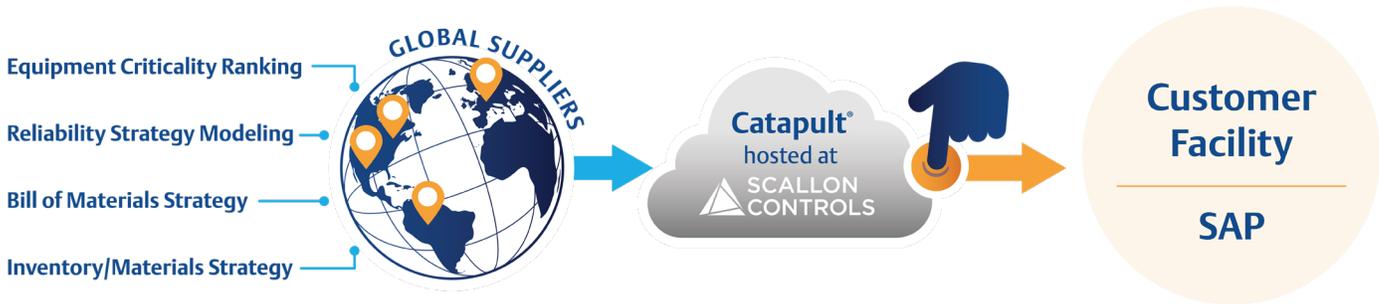
Structure and Standardization Are Key

Emerson's taxonomy is the fundamental dictionary for organizing and structuring data sets so that they can be turned into meaningful information that can be reported consistently across the plant, business unit, and/or enterprise. This taxonomy has been developed over the last 25 years from implementing EAM and Inventory Standardization Solutions which act as the foundational base for describing, organizing, and classifying equipment—thus creating the foundation for consistent, standardized, and cleansed master data that can be leveraged to make smart business decisions.

Strategy, Planning, & Modeling Ensure Alignment and Long-Term Success

During the strategy planning phase of your project, Catapult is much like having a sketch pad prior to designing something—a place to create your Bill of Materials, Equipment, Inventory/Materials, and Preventative Maintenance strategies, prior to integrating with SAP or any other enterprise business system. If you are concerned about taking the time—and risk—to enter all of this data into SAP, Catapult does this for you—seamlessly!

Our Project Approach



PLANNING PHASE

LIVE OPERATIONS PHASE

You may not typically think of Scallon Controls as a leader in Plant Digitization, Data Management, and Reliability Strategy at a high level, but we are—and have the expertise, advanced technologies and local support to collaborate with you on your next greenfield or brownfield project.

Please reach out to our Reliability Team to learn more.



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For over 45 years, Scallon Controls has been serving The Golden Triangle and adjacent counties throughout East and Southeast Texas with quality products, superior service, and an unwavering commitment to our customers. As an Emerson Impact Partner, we are the leader in Control Valves, Natural Gas & Industrial Regulators, Isolation Valves & Valve Automation, Pressure Relief Valves & Tank Management, Industrial Control Systems, and Reliability Solutions. Our extensive 20 acre campus, headquartered in Beaumont, houses our Controls, Valves, and Automation centers of excellence. Scallon is known for our 'customer-first' culture, extensive solutions portfolio, and loyal team of field technicians and engineering experts.