

Solutions for the Oil & Gas Industry

Do you consider your EAM Reliability program to be “mission critical”?

A recent client had been plagued by major set-backs in safety, regulatory compliance, operational performance, margins, availability, and even a natural disaster. A new leadership team determined that re-establishing an ISO 14224 compliant maintenance and reliability program would be the best solution to attain regulatory and corporate objectives.

By leveraging our accelerators, you can transcend traditional timeframes for such an effort, completing development in a reasonable timeframe and on budget.

The roles oil and natural gas play in feeding economic growth make them among the world’s most important natural resources. The day-to-day operating challenges along the hydrocarbon value chain – exploration, production, transportation, refining and distribution– include: optimizing production, safety, environment, commodity prices, unplanned down time and regulatory compliance. Asset health is integral to each of these challenges. Emerson focuses on optimizing resource use by integrating asset health information into operations and maintenance decision processes. Our approach improves margins, safety and environmental compliance, increases availability and decreases failures of critical assets.

This approach also has strategic implications for the Oil and Gas Industry. According to Aging Workforce News, in an article for Dow Jones Newswires, Angel Gonzalez reports that: “Nearly half of the aging workforce engaged in exploration and production activities will retire in less than a decade.” Thus, their current ambitious projects could come in late and over budget “unless they can hire, and retain, enough people to staff them.” A “very small pool” of talent is “being spread really thin,” said Claire Markwardt, a Houston-based partner with Accenture.

The amount of talent in the pipeline is paltry, she added. Enrollment in U.S. petroleum engineering programs in 2004 was 2,500, down from 12,000 in 1982. Our focus on data driven processes addresses this looming crisis by reducing dependence on individual experience and making the shrinking workforce more efficient.

Emerson thoroughly understands the needs of the industry and the significance of physical asset reliability. We deliver comprehensive, scalable asset management and foundational data services to help clients reduce their risk of critical asset failures, improve their operations and decrease costs.

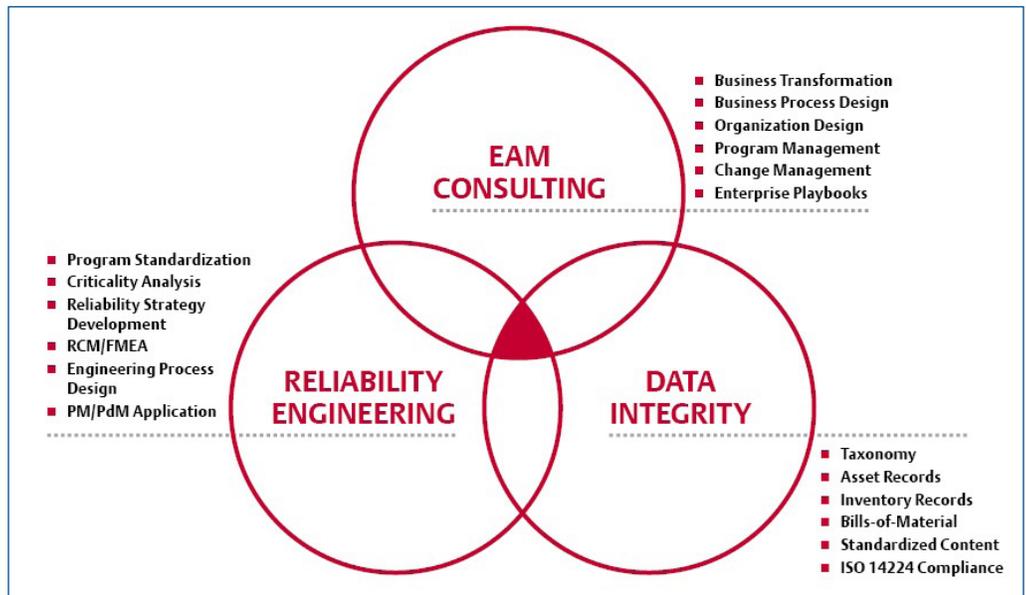


Figure 1 — The diagram above outlines a sampling of the services that we can bring to your project.

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