

Data Strategy and Master Data Management

Clarity led a data strategy program to improve the quality of operations data and identify cost saving opportunities in the overall well lifecycle.

Challenge

This Client has grown quickly through acquisition but has struggled with being able to rely on consistent and accurate operations data. This has resulted in low efficiency, lack of trust in the numbers, as well as financial impacts including regulatory fines, overpayments in taxes, and employee attrition. Client realizes that as their business scales, their ability to manage data as an asset is as important as managing physical assets.

Solution

Clarity provided an assessment, use cases, architecture, and roadmap to stand up a master data management program that focused on delivering accurate well, facility, and equipment data. The outcome of this data strategy program has led to the creation of a data governance organization dedicated to managing operations data as well as a master data hub by which operations master data will be created and distributed.

Industry Segment

Upstream Oil and Gas

Business Functions

- Well Planning
- Well Production
- Equipment Management
- Facility Management

Technologies

- Peloton
- Merrick
- Oracle®
- SCADA™ Delivery Cap

Delivery Capabilities

- Data Strategy
- Master Data Management
- Data Governance

Expected Outcome

- Executive buy in on the program and ensuring that it is one of the top 3 programs currently at the Client.
- Cost avoidance in regulatory fines due to inaccurate emissions reports.
- Cost avoidance in over payment of taxes due to inaccurate inventory of capital equipment.
- Efficiency gain of over 32,000 man hours per year by making it easier to find, integrate and use accurate operations data.
- Estimated Return of Investment of 48% and \$3.5M. Clarity led a data strategy program to improve the quality of operations data and identify cost saving opportunities in the overall well lifecycle.