

Leveraging Digital Transformation for Smarter Oil & Gas Operations



About the Company

This private oil and natural gas company has a strong focus on assets in Texas and Oklahoma, USA. The company is dedicated to optimizing its operations through innovative technologies and sustainable practices.

Full deployment across
over 1,000 facilities within

4 months

Time to EAM
value:

7 months

Challenges

- Lack of centralized asset data management
- Reliance on spreadsheets for tracking equipment locations
- Inefficient maintenance processes leading to increased downtime
- Limited visibility into asset performance and maintenance history

The company sought a solution to centralize asset information, reduce operational inefficiencies, and pave the way for predictive maintenance. After evaluating various options, they selected Ultimo's EAM solution for its flexibility, mobile capabilities, and rapid deployment.

Implementation

Key Objectives

- Centralize asset data into a unified system
- Enhance maintenance scheduling and tracking
- Enable mobile access for field technicians
- Lay the groundwork for predictive maintenance strategies

The implementation commenced in April 2024, with full deployment achieved by July 2024. Ultimo's EAM

software, along with mobile capabilities, was rolled out across all major facilities. The project involved collaboration between the company's facilities management team and Ultimo's implementation partner, MaxGrip.

"The process was quick. We started the conversation in early 2024, and by July of the same year, we had implemented Ultimo EAM across all the locations in our largest field in Oklahoma. That represents over 1,000 facilities, compressor stations, and gas plants."

Senior Facilities Engineer

Solutions & Results

Ultimo collaborated closely with the company to address their challenges and provide them with a centralized platform for asset management and maintenance operations, helping them step into the early stages of the EAM maturity model.

Key benefits realized include:

- **Improved Maintenance & Decision Making:** A centralized work order system improves scheduling and response times. Access to new data points such as time to completion, detailed failure rate tracking and historical maintenance data has improved their decision-making, allowing for better identification of repeat failures and root causes.
- **Enhanced Efficiency & Automation:** Technicians now utilize mobile devices with offline capabilities (Ultimo Go+), reducing reporting time from minutes to seconds. Automated work orders ensure that specialized technicians are assigned efficiently, reducing downtime and eliminating unnecessary site visits and delays. Integration with the ERP system ensures seamless processing of part requisitions.
- **Financial ROI & Compliance Benefits:** Accurate asset tracking enables correct leaseholder billing, delivering immediate cost savings. Additionally, maintenance processes are optimized to align with safety and regulatory compliance requirements, reducing risks and improving overall reliability.
- **Sustainability & ESG Alignment:** Proper asset maintenance improves energy efficiency and reduces environmental incidents. Preventing unplanned downtime further contributes to lowering carbon emissions which aligns with the customer's commitment to sustainability goals.

"Ultimo gives us the ability to track jobs and log time automatically. Every month, we can see how long it takes to perform certain activities, allowing us to identify areas for improvement."



The Future

The company plans to fully integrate preventive maintenance data into Ultimo, aiming to transition towards predictive maintenance strategies in the future. They are also keen to explore further automation of work orders and deeper integration with inventory management systems to enhance operational efficiency. Finally, they're considering expanding the implementation of IFS Ultimo to seven additional regions, with future plans to integrate SCADA and APM systems for advanced monitoring and analytics.

We are excited to continue collaborating with this upstream oil and gas company as they advance their digital transformation and enhance their asset management capabilities.