



BTA Oil Producers (BTA): Revolutionizing Asset Management and Compliance with HUVRdata

A  HUVR CASE STUDY 



INTRODUCTION

In an era of increasingly stringent regulatory oversight and complex operational demands, effective asset management and compliance are paramount for industrial organizations. BTA, a leading player in exploration, development and production of crude oil and natural gas, found itself grappling with these very challenges. Their existing systems and processes were not only operationally taxing but also created fragmented data environments and hindered efficiency.

Recognizing the urgent need for a transformative solution, BTA partnered with HUVRdata in 2024. The objective was clear: deploy a centralized inspection and compliance hub that would modernize their maintenance and compliance activities, integrate and future-proof their digital ecosystem, and drive significant operational efficiencies. This case study explores how HUVRdata empowered BTA to achieve enhanced compliance, substantial cost reductions, and improved operational visibility.

CHALLENGES FACED by BTA

Before their partnership with HUVRdata, BTA encountered several critical hurdles that impacted their operational effectiveness:

- **Unintegrated Data Management:** BTA's data was stored across disparate systems and numerous spreadsheets. This fragmented approach led to significant data silos, making it exceedingly difficult to track assets and generate comprehensive reports. Vendors faced extended administrative tasks, and integrating data across evolving digital tools and devices became an increasingly complex and time-consuming endeavor.
- **Increasing Regulatory Pressure:** The regulatory landscape was becoming more demanding, particularly with stricter environmental regulations such as the EPA's 0000 series. These regulations intensified the need for precise emissions tracking and robust compliance reporting.
- **Change Management Complexity:** Implementing new digital solutions presented a substantial challenge, especially for an organization with a large portfolio of assets managed across multiple vendors. Ensuring widespread adoption and seamless transition across a diverse user base was a critical concern.

THE HUVRdata SOLUTION

To address these challenges, BTA initiated a strategic partnership with HUVRdata, embarking on a comprehensive modernization of their asset management and compliance processes. HUVRdata delivered an all-in-one platform designed to centralize data, streamline workflows, and optimize asset management.

The deployment was marked by remarkable efficiency: HUVRdata managed the entire process, including data transfer, system implementation, and comprehensive training for over 150+ BTA users, all completed within an impressive short timeframe.

The new system's build-out was meticulously tailored to BTA's needs, encompassing:

- **Organization:** Integration of all inspection types mandated by relevant regulations.
- **Operational Flexibility:** Inclusion of on-demand forms for routine maintenance, spill documentation, and the management of other equipment.
- **Connectivity in the Field:** the ability to work offline in areas where Wifi or cellular coverage is unavailable to collect critical inspection data

This robust solution standardized data collection, automated critical notifications and reporting, and seamlessly integrated with BTA's existing systems. Crucially, it provided a dynamic framework that helped BTA remain compliant with ever-evolving regulations, future-proofing their digital ecosystem for emerging technologies and devices.

QUANTIFIABLE RESULTS AND IMPACT

The implementation of HUVRdata's platform yielded significant, measurable improvements across BTA's operations and organization:





- **Improved Audit Readiness:** BTA achieved a remarkable milestone, completing **25,000+ compliance reports** within 12 months using the HUVRdata system. The platform's ability to automatically generate compliance reports and provide configurable dashboards dramatically enhanced visibility and accountability.

- One BTA representative noted the profound impact on audit preparedness: "What used to take two weeks or more to pull all the audit data, now takes just 30 minutes with HUVR. It's a 'breath of fresh air' for the organization." In 2024 alone, BTA successfully navigated several regulatory audits with unprecedented ease.

- **Enhanced Operational Efficiency:** The streamlining of workflows and data centralization led to dramatic cost and time savings.

- "What used to take a full day – finding data, scheduling, inspecting, and filling out a report – now takes just an hour," stated a BTA Production Foreman, highlighting the elimination of human error risk. Another user praised the system's impact: "It made my workflow more efficient and easier. Keeping track of inventory was easy and organized for assets and reports. I love HUVR; my reporting went from days to hours."

- **Proactive Predictive Maintenance:**

HUVRdata's centralized data repository empowered BTA to transition from reactive to proactive maintenance strategies. By analyzing trends across similar assets over time, they could identify patterns and predict potential failures.

- For instance, BTA can now track battery equipment servicing over extended periods, determine optimal servicing frequencies, and even identify root causes for premature wear.

- This led to a significant improvement where a servicing previously performed every three months can now be extended to every five months, resulting in substantial savings in resources, time, and extended equipment life. This ability to identify issues in a day, rather than months or longer, is critical for preventing costly malfunctions and ensuring safety.

- **Efficient Implementation & User Adoption:** HUVRdata's expert management of the change process ensured a smooth transition, with over 150+ BTA employees and subcontractors trained and actively working in the system within a short period of time.

- Key statistics underscore the rapid adoption and extensive use: over 150+ users working in the system within weeks, **25,000+ projects** completed in HUVR over 12 months, **21,000+ AVOs** completed as of June 2025, and **7,000 historical AVO inspections** imported. The system also facilitated the management of **1,000 historical OGI inspections** alongside **3,300 new OGI inspections**.

CONCLUSION

BTA's partnership with HUVRdata exemplifies a successful digital transformation, demonstrating how a centralized, intelligent platform can address complex challenges in asset management and regulatory compliance. By consolidating data, automating critical processes, and providing actionable insights, HUVRdata enabled BTA to achieve significant operational efficiencies, reduce costs, and improve organization. This case study stands as a testament to HUVRdata's ability to deliver tangible, impactful results for organizations navigating the complexities of modern industrial operations.

LEARN MORE

To learn more about the process and how your teams might benefit from implementing this solution, reach out to david.jones@huvrdata.com.