

# INTEGRATED OIL & GAS CASE STUDY

Enabling enterprise-wide data trust & digital readiness across a full upstream-midstream-downstream integrated client.



13 Yrs

Of engagement  
across all facilities

1.5B+

Data objects/metadata  
validated & transformed

11

Facilities across  
Canada & the USA

## SUMMARY

Over the course of 13 years, ReVisionz partnered with this client to deliver one of the most ambitious enterprise asset data cleanup initiatives in the industry. Through a series of structured implementations across every facility, ReVisionz met all project parameters while establishing a standardized data foundation. This ultimately created the basis for enterprise-wide operational excellence.

Through this multi-year initiative, ReVisionz enabled the client to standardize its asset data across all facilities under a unified digital platform. Every piece of information was systematically validated and transformed to meet enterprise standards for completeness and trust. With 100% of migrated content addressed and enriched, the organization is now positioned to confidently deploy AI-driven tools, automation technologies and digital twin initiatives that rely on accurate and accessible engineering data.

*"It was a pleasure to work with an experienced and knowledgeable team who are dedicated and committed to providing a high-quality migration of data. It would have been impossible to analyze and transfer 330K tags, 6,800 projects, 2.2M engineering records and much more without this team. Great work!" - Senior Information Management Lead*

## Project Snapshot

**Client Industry:** Integrated Oil & Gas (Upstream, Midstream, Downstream)

**Practice Areas Utilized:** Intelligent Data & Insights

**Project Duration:** 2012-2025

## Client Success Criteria

- Align schedule, scope and cost to corporate expectations at each facility level.
- Ensure migrated content is accurate, enriched and trustworthy.
- Transition to a unified AIM platform and embed enriched asset data to drive effective business processes.
- Eliminate out-of-date and ineffective asset data management systems.
- Integrate data across key ranges of client source systems.

## Challenges

- Siloed information across dozens of legacy systems and sources.
- Business inability to locate or trust their engineering data.
- Poor data quality blocking system integration and AI potential.
- Longstanding organizational struggles with process and change management.
- Little integration across engineering and operations.

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Experts guiding your digital journey

# Key Results



## Single Platform Adoption

Moved client data and content from dozens of siloed systems to a standardized AIM architecture.



## Full Migration & Enrichment

Achieved end-to-end migration with significant enrichment of all migrated content for business usability.



## AI Enablement

Created the foundation for enterprise AI and automation by establishing trusted, clean data across operations.



## Takeaways

- Long-term data programs require consistent vision, executive and business sponsorship and technical continuity.
- Migration without enrichment is a missed opportunity. Data must be transformed to unlock true value and enable the power of new end state platforms.
- A clean, validated foundation is essential for successful AI, automation and digital twin programs.
- ReVisionz' role as trusted advisor was earned through technical depth, transparency and repeatable delivery.
- The project's longevity demonstrates the value and reliability of our partnership.

## ReVisionz' Strategy

- Executed structured, facility-by-facility migration and validation efforts.
- Developed custom tools and AI routines to enrich and transform legacy content.
- Maintained long-term continuity with a stable expert team.
- Partnered closely with stakeholders to test, validate and sign off on all data transformations.
- Prioritized content usability over raw migration volume.
- Addressed change concerns, guiding the transition from outdated processes that produced poor-quality information to a highly enriched end state.

## Our Role in Digital Transformation

- Acted as a trusted advisor over 13 years and continually adapted to changing project scopes.
- Provided deep data science and asset lifecycle expertise.
- Elevated client's ability to use its engineering and operations data for strategic decision-making.

## Complexity & Innovation

- Created proprietary AI tooling when off-the-shelf solutions didn't exist.
- Achieved trusted data outcomes across widely varying facilities.
- Established cross-functional alignment between engineering and operations teams.

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