

OIL & GAS UPGRADER / REFINERY

CASE STUDY

Establishing information handover standards and progressive auditing to support startup readiness across a multi-contractor capital project.

SUMMARY

A large downstream company building a new multi-billion dollar facility wanted stronger control over data and document handover from multiple engineering contractors and vendors. They engaged ReVisionz to define clear requirements and enable auditing so deliverables could be verified throughout the project lifecycle rather than arriving as a final handover event.

ReVisionz developed governing information handover standards and contractor terms and conditions. We then performed progressive data quality audits of engineering contractor deliverables over the lifecycle of the project. This approach surfaced information quality issues earlier and gave project teams a clear basis to measure completeness, confirm compliance and support accountability to timelines.

\$10-19M

Per year in
operational
efficiency gains



Labor costs
and incident
risk

3-5%

Targeted annual
OPEX
improvement

Project Snapshot

Client Industry: Oil & Gas Upgrader / Refinery

Practice Areas Utilized: Digital Technology Solutions

Project Duration: 2012 / Ongoing

Client Success Criteria

- Progressive information handover across the full project lifecycle.
- EPC deliverables aligned to operations, process safety and maintenance needs.
- Consistent, compliant deliverables across all engineering contractors and vendors.

Challenges

- Information handover treated as a final project event rather than a progressive process.
- Document-heavy deliverables that lacked usable operational information.
- Inconsistent formats across EPCs and vendors.
- Compliance gaps with naming, revisioning and metadata standards.
- Contractor resistance to adopting client handover standards.



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Key Results



Startup-Ready Information Handover

Complete and compliant data enabled operations and commissioning milestones to be met with confidence.



Progressive Quality Governance

Ongoing audits surfaced issues early and enforced accountability across multiple EPCs throughout the project lifecycle.



Sustained Operational Value

High-quality information foundations improved safety, maintenance performance and long-term OPEX efficiency.



ReVisionz' Strategy

- Defined handover standards and contractor requirements across all EPCs.
- Embedded compliance expectations into EPC and vendor contracts.
- Performed progressive data quality audits throughout the project lifecycle.
- Enabled structured compliance checks against governing standards.
- Established an audit and resolution model to support accountability.

Tools & Tech Used

Octave Forte

Octave Facets

ReVisionz IP-driven dashboards/auditing tools

Takeaways

- Engineering contractors require early education on business objectives and handover expectations.
- Data quality issues must be supported by a governed resolution and accountability model.
- The client drives contractor correction while ReVisionz provides audit insight and validation.

Complexity & Innovation

- Supported a global execution strategy with multiple engineering contractors.
- Combined governing standards with contractual requirements to drive compliance.
- Performed progressive audits across the lifecycle rather than relying on end-stage verification.

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