

PETROCHEMICALS & PLASTICS

CASE STUDY

Transforming disconnected and site-specific documentation into one trusted source of process safety information.

\$6M

Projected annual
production volume
benefit

\$1M+

Expected yearly
cost avoidance

\$7M+

Forecasted
productivity gains
per year

SUMMARY

Years of facility-by-facility growth had left the client without a common way to manage its most critical documents. Because technology rights were licensed separately at each site, there was no shared structure for naming, tagging or storing process safety information, and teams lost considerable time and money locating it. This inconsistent control over documents like P&IDs also created real exposure during audits and regulatory review.

ReVisionz addressed the foundation first, building the tagging, naming and structural standards the client lacked, then layering in a tag registry and document workflows that gave every facility a common language for its information. Documents shifted from static files to living records the client could track, control and trust, giving regulatory confidence and operational speed the same foundation to grow from.

Project Snapshot

Client Industry: Chemicals Manufacturing

Practice Areas Utilized: AIM Solutions, Digital Operations, Standards & Processes

Project Duration: ~6 months (total implementation time)

Client Success Criteria

- Reduce reliance on paper-based documentation.
- Make process safety information easy to find.
- Establish a single source of truth for regulated documents.
- Maintain control over P&IDs as they change over time.

Challenges

- No shared information standard, since each facility licensed its own technology.
- Regulated documents like P&IDs stored in loosely controlled shared drives.
- Startup delays caused by staff unable to find the information they needed.



Experts guiding your digital journey

Key Results



Faster Access to Information

Reduced the time staff spent searching for documents, easing delays that slowed unit startups.



Audit-Ready Documentation

Gave the client defensible, traceable records for regulatory and compliance reviews.



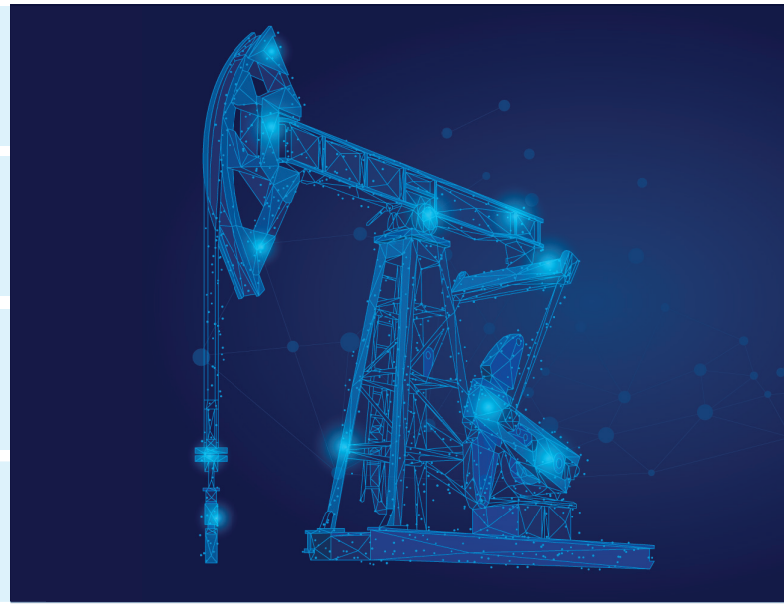
Reduced Paper Reliance

Moved critical documentation off paper and into a controlled, traceable system.



A Repeatable Model

Built a standard the client could extend to every remaining facility, not just the first.



ReVisionz' Strategy

- Built the plant breakdown structure, tagging standard and document naming standard need to scale systems.
- Implemented Octave InConcert and a master tag registry across multiple plants, focused on process safety information.
- Carried what worked at the first facility into a repeatable change process for every facility after it.
- Layered in a management of change workflow to keep documents accurate as facilities went live.

Tools & Tech Used

Octave InConcert

Takeaways

- Standards and work processes must be established before an implementation can scale.
- Digital maturity affects time to value with regard to speed of go-live and ease of adoption.
- Training should not be underestimated and warrants thorough planning.
- Involving technically proficient staff from the business in implementation and testing strengthens long-term adoption.

Complexity & Innovation

- Delivered 28 unique facility implementations while establishing standards that worked across all of them.
- Worked without a corporate information standard, since each facility's technology rights came from a different licensor.
- Helped the client shift from treating the system as a document repository to trusting it as the source of truth for document integrity.

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