

# OIL & GAS

## CASE STUDY

Improving asset data quality and enabling master register reporting through innovative use of Maximo.

### SUMMARY

This client came to ReVisionz with a familiar but costly problem: low-quality asset data that limited trust in their system and blocked reliable reporting. They sought to establish a dependable master register without overloading already stretched internal resources.

ReVisionz responded with a phased, value-first approach. We showed the client how Maximo could be used in an innovative way to generate asset registry reports, then executed the data improvements offline so their team was not burdened. The result was trusted records delivered with no rework required.

This solution solved the immediate issue while shifting the client's priorities toward value driven outcomes. With renewed confidence in their data, they prepared for long-term improvements to asset hierarchies. The quality of delivery built trust throughout, leading to ongoing work and an invitation to expand the approach into a new greenfield project.

*"We've asked ReVisionz to continue their work because they have consistently proven their value and expertise through the results of the initial scope." – Manager*



### Project Snapshot

**Client Industry:** Oil & Gas

**Practice Areas Utilized:** Intelligent Asset Management (IAM)

**Project Duration:** 12 months / Ongoing

### Client Success Criteria

- Trusted tag and asset registries with quality data.
- Ability to generate accurate asset registry reports.
- Phased approach to accelerate early benefits.
- Expansion of scope into new capital projects.

### Challenges

- Low-quality records across the asset register.
- Limited awareness of Maximo's full capabilities.
- Client resources unable to dedicate time to cleanup.
- Initial priorities focused on quantity over quality.

# Key Results



## Master Register Capability

Leveraged Maximo to create a tag register that automatically generates asset registry reports.



## Improved Data Quality

Validated and enriched asset and location records, delivering trusted data without rework.



## Phased Delivery

Introduced interim solutions that achieved benefits quickly while preparing for long-term improvements.



## Expanded Relationship

Client requested ReVisionz to replicate this work for a new greenfield project after successful brownfield delivery.



## ReVisionz' Strategy

- Advised client on phased goals to accelerate benefits.
- Executed offline data quality improvements to reduce client workload.
- Applied innovative use of Maximo to enable interim reporting.
- Built client trust through consistent quality and delivery.

## Tools & Tech Used

IBM Maximo

ReVisionz data validation and enrichment methods  
(tech agnostic)

## Takeaways

- Phased approaches deliver quick wins while building for long-term success.
- Improving data quality requires both advisory expertise and hands-on execution.
- Innovative use of existing tools can unlock value without added cost.
- Trust is earned by delivering quality outcomes that reduce client effort.

## Complexity & Innovation

- Leveraged Maximo beyond its standard use to establish automated reporting.
- Balanced interim solutions with long-term asset hierarchy improvements.
- Delivered data quality results without requiring internal rework.

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