

Optimizing Well Intervention Projects for a Leading Gas Provider



Overview

Client	Geography
Leading Gas Provider	Australia
Revenue	Line Of Business
\$7.5B	Natural Gas
Employees	Business Process
5,500+	Well Intervention



Solution

The company partnered with Aptomore to improve operational efficiency and achieve cost savings in well intervention projects.

- **Benchmark Analysis:** By leveraging operational data and Aptomore’s variant comparator, the company identified efficient regions, analyzed process variations, and adopted best practices to enhance performance.
- **Process Optimization:** By applying KPIs and using Aptomore’s root cause analyzer, the company identified issues like resource overutilization and seasonal inefficiencies. They also simulated “what-if” scenarios to evaluate demand and resource adjustments, enabling them to address root causes, optimize resources, and improve cycle times.
- **Standardized Practices:** The company used Aptomore’s Compliance Center to monitor adherence to business rules, track compliance KPIs, identify violations in real-time, and implement corrective actions. This ensured consistent workflows, reduced risks, and enhanced governance.

Challenges

The energy provider faced critical challenges in optimizing its well intervention projects:

- **Cost-Intensive Operations:** Well intervention projects were costly, and the company lacked granular visibility into real-life processes. Regional variations in documented processes led to inefficiencies and increased costs over time.
- **Process Inefficiencies:** Inefficiencies and bottlenecks in well intervention projects, particularly between allocation and execution phases, were delaying project cycle times, costing up to \$3M per day. Limited process visibility prevented the identification of root causes or trends.
- **Safety Concerns:** Compliance issues, including skipped approvals and overlapping roles in allocation and approval, increased safety risks and compromised process integrity.

Result

Through its partnership with Apromore, the energy provider achieved measurable improvements:



Improvement In Cycle Time

Streamlining workflows led to faster project execution, significantly reducing overall cycle times for well intervention projects.



Decrease In Policy Violations

Standardized processes helped reduce non-compliance incidents, improving overall adherence to safety and operational guidelines.



Savings Per Project

Optimizing workflows and reducing inefficiencies resulted in substantial cost savings for each well intervention project.

Enhanced Team Efficiency

Improved hand-off times between teams by 20%, leading to smoother project execution and better collaboration.

Improved Safety

The introduction of standardized processes reduced errors, increasing safety and reliability during interventions.



Conclusion

By leveraging Apromore's process mining and optimization capabilities, the energy provider achieved a transformative improvement in its well intervention process. Key outcomes included over \$7 million in cost savings per project through reduced inefficiencies and cycle times, standardized workflows that enhanced safety and compliance, and a 15% acceleration in project cycles coupled with 20% fewer policy violations. These advancements not only reduced costs but also reinforced the company's reputation for operational excellence, solidifying its leadership in the competitive liquified natural gas (LNG) sector.