



MOURI TECH®

Fortune 500 Utilities Company Enhances **Data Management** from MOURI Tech

Challenges Addressed

- Migrate substantial data volumes from a legacy database to a more robust and scalable Snowflake cloud database without losing data integrity
- Transition from an outdated platform to the more dynamic and interactive Power BI tool, improving analytical capabilities
- Replace the traditional Extract, Transform, Load (ETL) tool with Matillion, a modern cloud-based ETL solution, to streamline processes
- Increase automation across business-critical applications to reduce human error and speed up the testing process

Strategies Implemented

- MOURI Tech developed a master test strategy and set up a Test Center of Excellence (TCoE) tailored to the specific needs of the energy sector
- Utilizing advanced data verification techniques, MOURI Tech's team of quality engineering experts ensured accurate data migration with minimal disruption
- Enhanced report validation to ensure that the new reports generated by Power BI matched the functionality and data accuracy of the old reports with
- Automated key business applications, significantly improving test execution speed and coverage

Successes Realized

- Shortened test execution time significantly, decreased cycle time per release, and attained comprehensive test coverage.
- Flawless migration of critical data, utilizing innovative verification techniques to maintain integrity throughout the process
- Enhanced analytical capabilities and transformed reporting tool capabilities
- Established a standardized set of test cases that reduced test creation time and ensured comprehensive quality checks

MOURI Tech delivered intelligent quality engineering solutions that enabled a Fortune 500 energy and utilities company to seamlessly migrate to advanced cloud databases and reporting tools, significantly enhancing data integrity, operational efficiency, and analytical capabilities across its UK and USA operations.



Industry: **Energy and Utilities**
Headquarters: **United Kingdom**
Revenues: **\$26 billion+**
Type: **Global**



Opportunity Identified

Confronted with outdated and compartmentalized data management systems, the client aimed to rejuvenate their technological framework to bolster efficiency, improve the precision of reporting, and amplify analytical capabilities across their operations in the UK and USA. This initiative was not just about technological enhancement but also about setting new industry benchmarks in data management and utilization, aligning with modern business needs.

Strategic Solutions

Implementing a rigorous test assessment and establishing a Test Center of Excellence, MOURI Tech ensured comprehensive coverage and a smooth transition of the client's data management systems. This strategic migration led to enhanced data verification processes, securing a no-loss data transfer, and bolstering the integrity of business-critical information.

Additionally, MOURI Tech's focus on validation resulted in an increase in quality between old and new reporting platforms, directly impacting the client's decision-making and reporting efficiency. This transformation, culminating in the automation of essential business applications, solidified the client's position at the forefront of technological efficiency within their industry.

Tech Stack

- Informatica
- JIRA Matillion Cloud-Based ETL Tool
- Oracle Database
- Snowflake Cloud Database

Excellence Delivered

MOURI Tech's strategic intervention significantly streamlined the client's operational workflow, accelerating the testing process and ensuring comprehensive test coverage. The standardization of test cases led to more efficient test preparation, resulting in a notable reduction in the overall project cycle time per release.

Furthermore, MOURI Tech achieved comprehensive test coverage, ensuring every critical system function was thoroughly evaluated for optimal performance. MOURI Tech's IQE experts also ensured seamless data migration, enhancing the reliability of business insights and strengthening the integrity of reporting processes crucial for strategic decision-making.

IQE Solutions by MOURI Tech

As a global provider of enterprise solutions, MOURI Tech specializes in AI-driven intelligent quality engineering and digital assurance services. Our IQE Center of Excellence partners with the world's leading Fortune 500 companies, empowering enterprises with services from AI and ML engineering to performance engineering, and DevOps-enabled integrations. Take the lead in the digital landscape and unlock new opportunities for innovation and growth with MOURI Tech.



MOURI TECH®

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AICPA - SOC Certified | HIPAA Compliant | PCI DSS Certified | TISAX

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