

CASE STUDY

Transform to Innovate

A Technology Leader Revamped Data Infrastructure for Growth



About the Client

The client is a leading technology partner for energy providers. They enable their customers to efficiently conserve, deploy, manage, and monetize resources at scale.

Business Challenges

The client’s legacy infrastructure relied on traditional reporting methods for deriving data insights, which created operational inefficiencies and hindered data-driven decision-making. To address these challenges, the client partnered with Cybage to build a unified data model, enabling enhanced data management and streamlined operations.

Key challenges included:

- Unified Data Model Development:** Creating a consistent model to integrate diverse energy solutions while optimizing costs and ensuring smooth operations
- Migration of Data Pipelines:** Transitioning key data pipelines and utilities to improve data ingestion and insights
- Cross-Selling Data Solutions:** Developing integrated data solutions to address customer needs and improve the overall customer experience

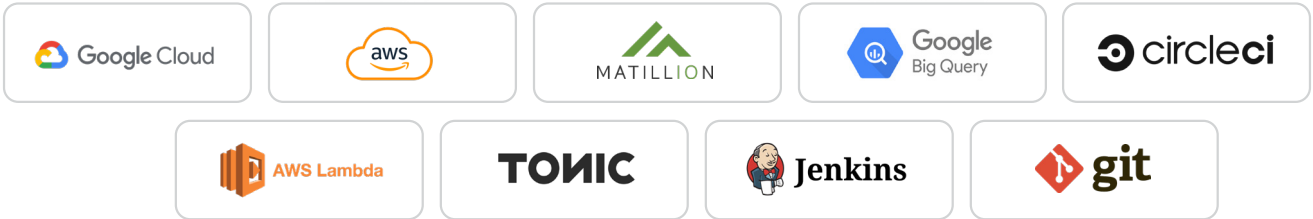
Our Solutions

- Unified Data Model:** Migrated data pipelines, optimized data ingestion processes and supports integration of various products
- Platform Consolidation:** Centralized multiple distinct solutions through a unified platform, streamlining operations and reducing overall complexity
- Cross-Selling Solutions:** Enabled cross-selling and elevated customer experience through a unified data platform that drives various data-powered solutions

Business Impact

- Cost Savings Through Efficient Data Ingestion:** Achieved savings of \$130K by implementing a more cost-effective and efficient data ingestion solution
- Enhanced Data Security:** Improved data security by integrating Tonic for testing and analysis with synthetic test data, enabling more robust quality assurance
- Increased Operational Efficiency:** Operational efficiency was significantly enhanced by leveraging monitoring dashboards, real-time alerts, and QA templates, ensuring smooth business operations
- Scalable Data Ingestion:** Enabled the handling of daily data loads ranging from 50-100 GB, utilizing 100+ data pipelines to support large-scale data ingestion

Technology Stack



Empower Your Operations

Get your unified data model strategy ready with Cybage!

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