



PwC's Data Modernization

Reimagine Business Transformation Through Cloud Data

Break free from complex data silos and help unleash the true potential of your data. Experience a holistic analytics platform that can help empower better decision-making, enhanced productivity while fostering innovation and advanced predictive modeling. Embark on a transformative journey with PwC and Microsoft. Together, we can help revolutionize your business by harnessing the incredible benefits of migrating your ERP systems and legacy data warehouse to the cloud. Our industry-leading solutions can help pave the way for success. A unified cloud-based solution can also help prepare your organization for AI solutions. Don't let your data go untapped!

- Is your organization managing multiple disparate and complex data silos?
- Is your business growth hindered by data that is difficult to access?
- Does your organization face pressure to reduce cost of maintaining non-scalable hardware?





Benefits

Single source of truth

Common data platform with single source of certified data assets across the enterprise to consume and report in an integrated manner

Real-time data availability

Real-time replication/ integration (ERP, non-ERP, third-party, structured/unstructured, etc.), visualization and analytics for more efficient reporting

Reduced operational costs

Streamline and automate data-related processes – helping prevent data center overhead, manual data entry, reduce data duplication and enable data democratization

Advanced analytics and AI/ML at scale

Real time streaming, next-generation tools can help facilitate product innovation and monetizing insights; Ability to scale AI/ML and cognitive services in a cost-efficient manner

Security, reliability and compliance

Modern cloud data platforms provide the ability for stronger data governance and compliance measures; allowing data to be properly managed, secured, and compliant with regulatory needs

Modernizing to help increase efficiency and lower costs

Challenge

A multinational energy corporation needed to modernize their ERP system to the cloud. The legacy on-prem environment was expensive, complex and proliferated to twenty-one data warehouses.

Solution

PwC conducted a rapid data and analytics assessment using our data modernization framework to help provide architectural options, roadmap scenarios and simplifications.

Results

A team of 350+ was built to help deliver against a detailed project plan in lockstep with ERP timeline.

- Aggregated data from numerous ERP /non-ERP sources into one Azure Data Lake platform to help streamline data access.
- Reduced data latency and rationalized data warehouses from ~21 to 6, 60% db objects/reports reduced by as much as ~70%
- 50% legacy objects rationalized through 250+ workshops
- Enabled business, analytics and technical users' self-service access to help improve operational efficiencies and data-driven insights using PowerApps and Power BI

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