Case Study
Banking And Financial Services

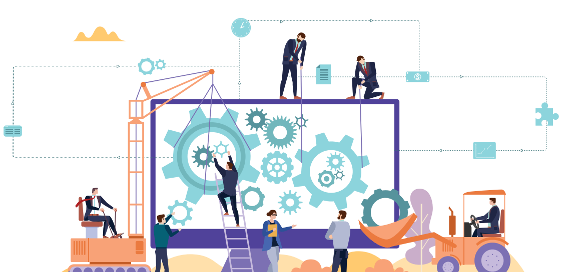
DB2 to AWS Aurora Postgres DB Application Cloud Replatforming for a Leading Data Analytics Firm

About the Client

- One of the largest data analytics and risk assessment firms in the USA
- Revenue of more than 3 billion dollars with operations across US, UK, Europe, MEA, ANZ, APAC, etc.

Business Challenges

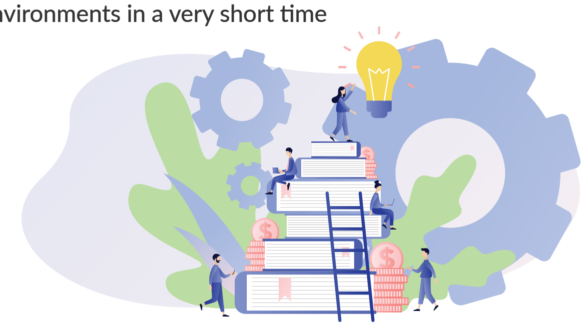
The client wanted to perform DB2 to AWS cloud migration of its 24 highly complex legacy applications that were developed few years ago and were using DB2 database. Migrating these Java and .NET applications to the cloud involved their cloud migration to AWS Aurora PostgreSQL database in development, test, and production environments, along with migrating a major portion of SQL-based Data Access to Data API. All these applications were business-critical and handled key functions. The task of application cloud replatforming became more complicated due to non-matching Method Names between the Data Access Classes and the APIs.



Hexaware Solution

Hexaware proposed and leveraged Amaze™ for Applications, its proprietary application cloud replatforming product suite, for rapid cloud migration with automation as the key enabler. Migrating these Java and .NET applications to the cloud encompassed the following milestones:

- Amaze™ analyzed the applications in a week. The application details, the DB2 Data Access code, and the PL/SQL code to be refactored were also identified. Also, the exact API with Data Access Methods was traced out.
- By using Amaze ™'s refactoring engine, the applications were migrated from DB2 to AWS Postgres Aurora DB and a major portion of the earlier DB2 Data Access Methods was refactored automatically to new REST APIs. This was completed in a very limited time with high-quality output.
- The data migration from DB2 to AWS Postgres Aurora DB was completed seamlessly in the development, test, and production environments in a very short time



Business Benefits

Applications Cloud replatforming in just 3 months

Automation-led approach

High-quality refactoring with minimal defects

Significant TCO reduction due to elimination of licensing costs

About Hexaware

Hexaware is the fastest growing next-generation provider of IT, BPO and Consulting services. Our focus lies on taking a leadership position in helping our clients attain customer intimacy as their competitive advantage. Our digital offerings have helped our clients achieve operational excellence and customer delight. We are now on a journey of metamorphosing the experiences of our customer's customers by leveraging our industry-leading delivery and execution model, built around the strategy - AUTOMATE EVERYTHING®, CLOUDIFY EVERYTHING®, TRANSFORM CUSTOMER EXPERIENCES®. Hexaware services customers in over two dozen languages, from every major time zone and every major regulatory zone. Our goal is to be the first IT services company in the world to have a 50% digital workforce.

Learn more about Hexaware at **www.hexaware.com**

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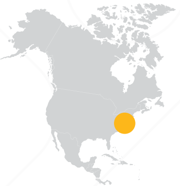

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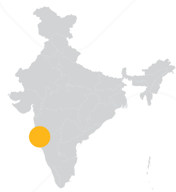

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