



HEXAWARE

Accelerating Application Migration to Cloud to Achieve Cost Reduction and Improved Agility

Amaze®-powered cloud transformation through replatforming, containerization, and automation of a financial firm's application portfolio.

Case study

Client

- | Client
- Challenge
- Solution
- Benefits
- Summary

The client is a US-based financial firm with a footprint across 30 locations and an annual revenue of \$100 billion. They sought a cloud-based application migration solution that would support their cost reduction objectives.



Challenge

- Client
- Challenge**
- Solution
- Benefits
- Summary

The client, managing a vast portfolio of applications, recognized the need to implement cost optimization strategies to reduce TCO, enhance application development capabilities, and improve application performance. By taking the applications to the cloud, they aimed to accelerate product launches, maintain a competitive edge, and elevate the customer experience.

The objectives:

- Focus more on building and delivering high-quality software while enhancing customer experience.
- Minimize time spent on hardware provisioning and infrastructure management.
- Reduce the operational burden and free up resources to develop new business capabilities.
- Effectively manage the growing scalability and elasticity demands of their applications.



Solution

- Client
- Challenge
- | Solution**
- Benefits
- Summary

Hexaware began the process by conducting a comprehensive assessment of the client’s large application portfolio. This evaluation covered business volume, application and infrastructure size, technology landscape, and software licensing costs. The insights gained from this assessment established a foundation for automation feasibility and identified the necessary remediations for containerization and replatforming. As a result, applications were segmented into migration waves based on their priority for application migration to cloud, ensuring a phased and systematic transition.

The client’s previous software environment relied on legacy Java and JEE platforms (EJB, JPA, and older versions of Spring and Hibernate), along with Oracle WebLogic and Oracle DB. To reduce the total cost of ownership, we replatformed technologies from WebLogic to JBoss and migrated from Oracle DB to PostgreSQL, leveraging open-source solutions.

We leveraged our proprietary cloud modernization platform, Amaze®, to determine the required remediations and the effort needed to transition applications from WebLogic to JBoss, migrate databases from Oracle to PostgreSQL, and containerize applications for enhanced scalability and efficiency.

The next phase involved refactoring code to support replatforming and containerization using Docker EE, enabling faster portability and seamless deployment across environments. Functional and performance test automation was implemented to ensure reliability and efficiency.

Finally, we integrated Docker EE with core CI/CD pipeline tools—including Jenkins, GitHub, and Maven—to streamline build and release management, enabling agile, in-sprint deployments to production.



Benefits

Client

Challenge

Solution

Benefits

Summary

We took approximately 12 months to replatform, automate, and migrate the application portfolio to the cloud. This modernization solution resulted in:

- Reduced infrastructure cost of ownership by 60% through on-demand provisioning and de-provisioning as needed in the cloud
- Improved software release cycles from 3 months to every 2 weeks through JIT infrastructure provisioning and faster application releases using CI/CD
- Improved speed to market by 40%
- Improved application availability and scalability
- Improved development productivity by 40%



Summary

Client	Hexaware helped a US-based financial firm reduce the total cost of ownership by migrating its legacy applications to the cloud.
Challenge	
Solution	Through replatforming, containerization, and CI/CD automation, the client achieved 40% faster speed to market and improved development productivity, enabling seamless scalability, agile deployments, and enhanced operational efficiency.
Benefits	
Summary	



Leverage Cloud-powered Application Modernization

Contact Hexaware's experts at marketing@hexaware.com to discover how we can help you achieve seamless, scalable, and efficient digital operations.

About Hexaware

Hexaware is a global technology and business process services company. Every day, Hexawarians wake up with a singular purpose: to create smiles through great people and technology. With this purpose gaining momentum, we are well on our way to realizing our vision of being the most loved digital transformation partner in the world. We also seek to protect the planet and build a better tomorrow for our customers, employees, partners, investors, and the communities in which we operate.

With offices across the world, we empower enterprises to realize digital transformation at scale and speed by partnering with them to build, transform, run, and optimize their technology and business processes.

Learn more about Hexaware at <https://www.hexaware.com>.

Get in touch