



Unlocking the Value of Cloud Migration with Automated Replatforming for a Leading Financial Firm

The Client

One of the largest banks in the US with operations in the US, Europe, Australia, Asia Pacific, etc.

The Business Challenge

The client was looking to adopt and scale to cloud for greater flexibility, better agility, and business transformation. One of their primary concerns was a complex Java web application that was developed 12 years ago on WebLogic (App Server and WebLogic MQ). This legacy application built using Session EJB, Entity Bean, Struts, JSP, etc. was business-critical and controlled core financial business processes. Adding to the uncertainty was the unavailability of key SMEs who had developed this application. All of these posed critical challenges to the cloud migration journey.



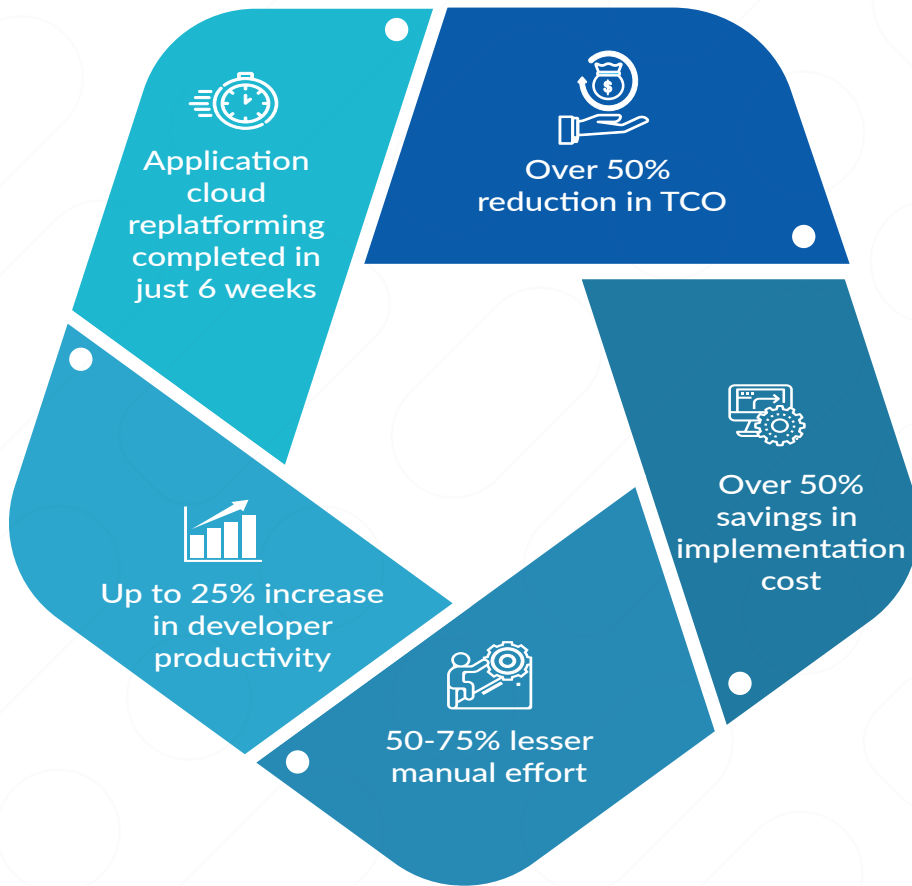
The Hexaware Solution

Hexaware proposed AMAZE™, a proprietary and automated application replatforming solution for mass cloud migration, primarily designed for Java and .Net applications. As the first step, a comprehensive assessment was performed to understand associated risks, cost, timelines, and inter-dependencies. The automation-driven holistic approach involved the following well-defined roadmap:

- The application was broken into web front end and service back end
- The back end EJBs (Session Beans) were replatformed to independent Spring Boot Service Apps with REST endpoints
- The web front and each service app was then deployed on Tomcat in separate containers on Kubernetes, the cluster on private cloud providing infinite scalability, high availability, high fault tolerance, and improved performance
- The service REST API endpoints were secured with OAuth 2.0
- Automated testing was done for all macro services
- Containerization scripts and CI/CD pipeline were generated for each macro service and web front



The Business Benefits



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 <http://www.hexaware.com>

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Safe Harbor Statement

Certain statements in this press release concerning our future growth prospects are forward-looking statements, which involve a number of risks, and uncertainties that could cause actual results to differ materially from those in such forward-looking statements. The risks and uncertainties relating to these statements include, but are not limited to, risks and uncertainties regarding fluctuations in earnings, our ability to manage growth, intense competition in IT services including those factors which may affect our cost advantage, wage increases in India, our ability to attract and retain highly skilled professionals, time and cost overruns on fixed-price, fixed-time frame contracts, client concentration, restrictions on immigration, our ability to manage our international operations, reduced demand for technology in our key focus areas, disruptions in telecommunication networks, our ability to successfully complete and integrate potential acquisitions, liability for damages on our service contracts, the success of the companies in which Hexaware has made strategic investments, withdrawal of governmental fiscal incentives, political instability, legal restrictions on raising capital or acquiring companies outside India, and unauthorized use of our intellectual property and general economic conditions affecting our industry.

