

HEXAWARE

Accelerated Application Modernization with Amaze[®] Automation on Azure

66% Faster Application Delivery

Case study



Client

| Client

- Challenge
- Solution
- Benefits
- Summary

A Diversified Commercial Bank

Our client is a well-established financial institution known for delivering innovative financial solutions and consistent customer service. With offerings spanning individual consumers, small businesses, and large enterprises, the organization holds a strong market position supported by a large customer base and a mature IT landscape.



Challenge

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

A Banking Digital Foundation Under Pressure

Over time, our client made significant investments in digital platforms to support growth, resilience, and regulatory compliance.

While these systems provided stability, much of the underlying technology was built on legacy frameworks that no longer aligned with the speed, flexibility, and scalability required in today's financial services environment.

Legacy Frameworks Limiting Agility

Core applications running on ASP.NET MVC 4.5 and .NET Framework 4.5 increased the effort required to implement change and limited the adoption of cloud-native capabilities. As a result, innovation slowed and operational complexity increased.

Rising Complexity Across the Application Landscape

The broader application landscape added further constraints. Tightly coupled components, aging libraries, and undocumented dependencies elevated modernization risk and demanded careful analysis to avoid service disruption or security exposure.

Business Continuity and Risk as Non-Negotiables

These challenges were amplified by limited internal capacity and the need to maintain uninterrupted operations. With business-critical systems handling sensitive financial data, our client required a modernization approach that minimized risk while preserving service continuity, security, and compliance.

Modernization was imminent—but it had to be done without disrupting the bank's core operations.



Solution

Client

Challenge

Solution

Benefits

Summary

Amaze®-led Cloud Banking Application Modernization

Hexaware worked closely with our client to bring clarity to a complex modernization effort. The priority was simple: move faster without increasing risk or disrupting the business. [The Amaze® platform for cloud journey automation](#) helped turn that intent into a practical, repeatable approach.

Our engagement focused on reducing risk, accelerating delivery, and proving value through a pilot transformation—setting the foundation for modernization across the enterprise.

Amaze® + Azure: A Unified Path to Faster Modernization

By combining Amaze® automation and our [Microsoft Azure expertise](#), Hexaware enabled a faster and more reliable modernization journey.

App Portfolio Assessment and Modernization Roadmap

Using the [Amaze® platform](#), we conducted a detailed assessment to analyze application components, libraries, dependencies, and modernization complexity. The output included:

- Clear modernization recommendations
- Target-state cloud architecture
- A phased modernization roadmap aligned to business priorities

Transformation of the Account Management Application

Hexaware modernized the account management application by:

- Upgrading 22 NuGet packages from .NET 4.5 to .NET 8
- Assessing 80+ classes using the Amaze® assessment engine
- Partially migrating ASP.NET MVC 4.5 to ASP.NET Core MVC 8
- Fully migrating .NET Framework class libraries to .NET 8

All existing business functionality was preserved, with the transformation completed in under three weeks.

App Deployment and Security Assurance on Azure

The modernized solution was deployed using Azure-native services to improve scalability, resilience, and operational efficiency:

- Azure Kubernetes Service (AKS)
- Azure SQL Managed Instance
- Azure Key Vault
- Azure Monitor

Amaze® Automation-driven efficiency

The [Amaze® platform for cloud journey automation](#) enabled large-scale code changes with minimal manual intervention, reducing migration effort by nearly two-thirds and ensuring consistency, speed, and accuracy across the transformation.

Benefits

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

Business Impact Delivered Across Core Banking Systems

The value of the transformation was evident early. Automation and cloud-native design translated directly into faster timelines for its banking operations, lower effort, and a stronger foundation for future modernization.

66% faster modernization delivery

Amaze® automation accelerated the transformation timeline by 66%, enabling rapid modernization without compromising quality or stability.

3x efficiency gain in application modernization

The account management application was modernized in under three weeks, delivering a threefold improvement in delivery efficiency compared to traditional approaches.

Up to 33% reduction in migration costs

Automation, optimized resource usage, and reduced manual effort helped lower overall migration costs by up to one-third.

Zero disruption to critical business operations

Phased execution ensured uninterrupted service continuity, protecting customer experience and operational reliability throughout the migration.

\$20,000 in Microsoft funding secured

Hexaware supported our client in securing Microsoft funding, further reducing modernization costs and improving ROI.

Enterprise-wide modernization confidence for 150+ apps

Successful delivery of the pilot created confidence to modernize 150+ applications using a proven, repeatable factory model.



Summary

- Client
- Challenge
- Solution
- Benefits

| Summary

From Complexity to Accelerated Enterprise App Modernization

Our client is now operating its pilot account management application on a modern, cloud-native foundation with improved agility, scalability, and maintainability.

With the account management application successfully modernized, the enterprise has established a repeatable modernization factory model covering assessment, transformation, validation, and deployment.

Today, our client is:

- Turning authentication insights into faster decisions
- Planning the modernization of additional applications
- Scaling the Amaze®-led approach across their app portfolio
- Improving operational agility in a competitive financial landscape

By getting modernization right, Hexaware helped the client cut through technical debt and stay ready for what's next.



Accelerate your application modernization and reduce costs with the Amaze® cloud journey automation platform.

Reach out to **marketing@hexaware.com** to learn more about how Hexaware can transform your legacy systems with zero disruption.

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