# European Automotive Financing Company

## The Client

A wholly-owned subsidiary of an Automotive Manufacturing Group and is supported by significant financial partners.
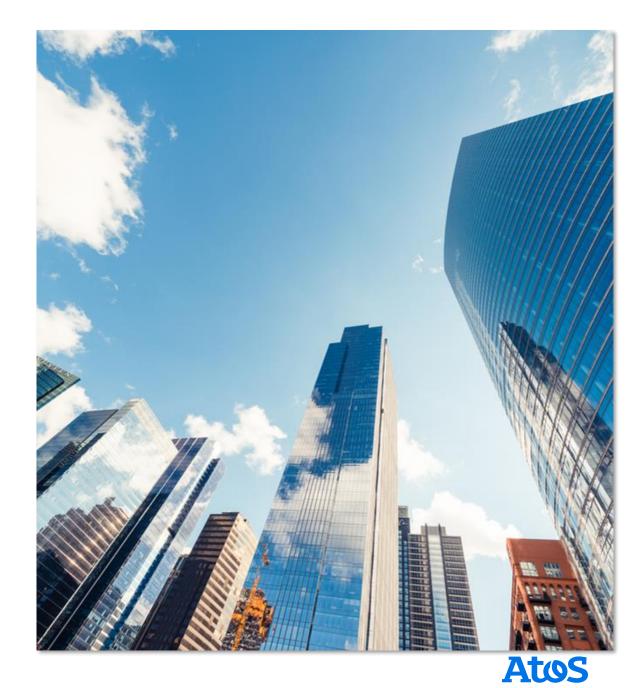
The client has access to the best refinancing conditions, making a wide range of vehicles available to all clients. A comprehensive range of financing, services, and insurance products for commercial networks, individuals, and corporate clients.

## The Challenge

The client aimed to modernize over 200 applications and prepare them for the cloud as part of their Move to Cloud strategy.

The project required specialized expertise to evaluate these applications for modernization. This involved understanding the current state of the applications, identifying appropriate modernization techniques, and determining the best path for cloud transformation.

A swift assessment was essential to meet project timelines while ensuring the quality of the analysis, accurately identifying risks, and precisely estimating costs.

Atos

# European Automotive Financing Company

## The Solution

Atos developed an effective cloud migration strategy using its AppMod Toolkit and Prizm methodology. This involved analyzing current applications and database metadata to create a proposed architecture for the target cloud environment, aligning on-premises components with suitable cloud services.

Future cost estimates were provided based on this strategy, and a scaled delivery model for remaining applications was recommended.

## The Impact

By automating the code analysis process with the AppMod Toolkit, **the assessment effort was reduced by 40%**, allowing for more efficient and accurate identification of areas for improvement and modernization.

The development of a thorough roadmap gave the client a **clear plan to initiate modernization** by specifying the necessary steps, timelines, and resources.

## Why Atos?

Atos offers a unique value proposition that integrates data, expertise, and automation to facilitate a transformative journey across all major hyperscalers. We handle everything from assessment to migration and beyond, modernizing your infrastructure by transitioning you from legacy systems to advanced cloud-native solutions with speed, ease, and unwavering confidence.

At Atos, we specialize in delivering innovative Cloud Data and AI Solutions that drive growth and foster innovation. By leveraging cloud-based technologies and forming strategic partnerships with industry leaders such as AWS, Google Cloud, Microsoft, Snowflake, and Databricks, we empower organizations to fully realize the potential of their data landscape.

**AtoS**

# Financial Services Client

## The Client

A financial services company offers a diverse array of innovative and flexible financing solutions tailored for individuals, businesses, and dealerships.
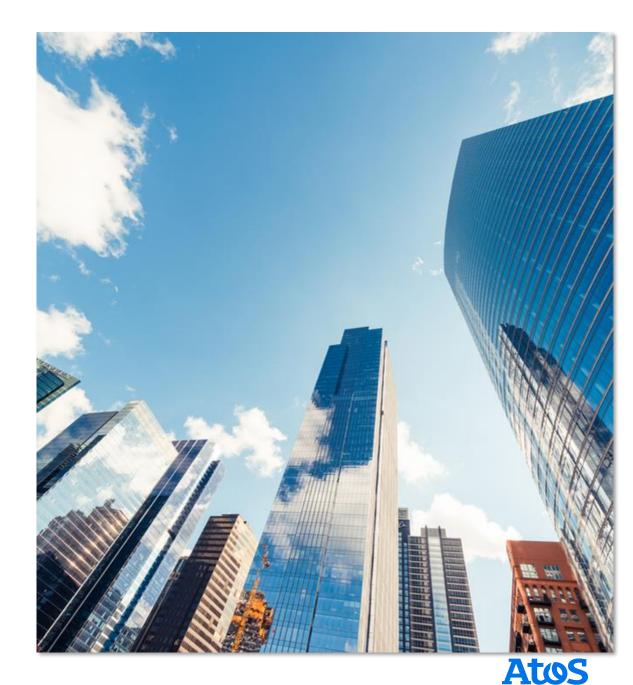
They specialize in automotive insurance, vehicle protection financing, refinancing, and other vehicle-related services. The client is committed to providing a top-tier financing experience by leveraging their expertise in both the automotive and financial sectors to deliver straightforward and adaptable solutions that meet their clients' needs.

## The Challenge

The client's technology strategy focuses on achieving cloud adoption, which includes the modernization of a complex legacy application to the cloud.

The goal is to modernize a decades-old application within six months. This process involves upgrading legacy proprietary frameworks, updating 24,000 lines of application code, adopting microservices, and converting complicated Oracle objects to PostgreSQL.

Throughout the modernization, it is essential to maintain the application's efficiency and performance in the cloud environment.

Atos

# Financial Services Client

## The Solution

Atos used its AppMod Toolkit and CodeTx methodology to analyze the application's complexity and devise a code upgrade strategy.

The modernization included migrating from JSP to Angular 17, upgrading Java to version 21, and converting PL/SQL to Java, all of which were accelerated by the AppMod Toolkit.

We worked with the client's architecture team to implement Step Functions and OIDC-PingFederate-based authentication for the first time.

Additionally, we established CICD pipelines for over 70 applications, ensuring seamless deployment across multiple environments.

This approach enabled efficient modernization while ensuring high performance and scalability in the cloud.

## The Impact

The strategic use of the AppMod Toolkit and the CodeTx methodology greatly streamlined the modernization of the client's application.

This cloud-native architecture enhances agility, allowing for quick adaptation to changing business needs and market conditions.

It also supports automated scaling and monitoring, which reduces operational overhead.

As a result, development and deployment cycles are significantly shortened, leading to a faster time to market.

## Why Atos?

Atos connects data, expertise, and automation to streamline your transition across major hyperscalers.

We modernize infrastructure, moving you from legacy systems to advanced cloud-native solutions with speed and confidence.

Specializing in innovative Cloud Data and AI Solutions, we partner with industry leaders like AWS, Google Cloud, Microsoft, Snowflake, and Databricks to help organizations unlock the full potential of their data.
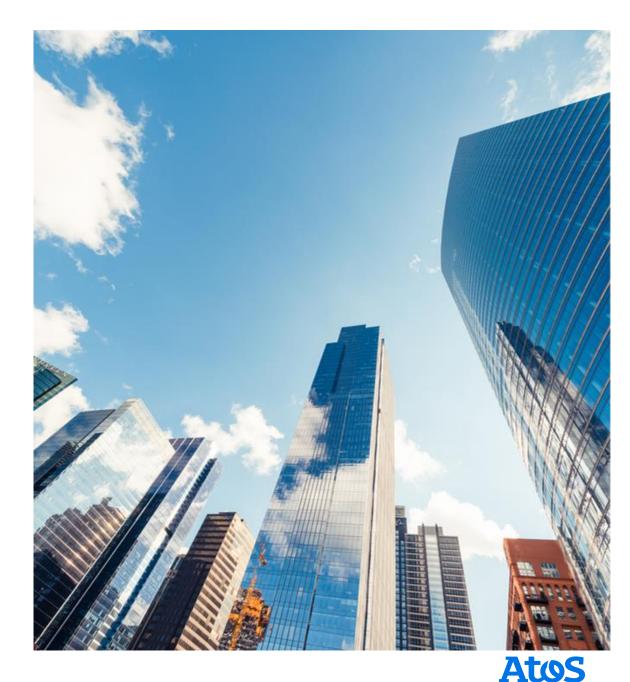
AtoS

# Financial Services Client

## The Client

A financial services company offers a diverse range of innovative and flexible financing solutions for individuals, businesses, and dealerships.

They specialize in automotive insurance, vehicle protection finance, refinancing, and various vehicle-related services. The client aims to provide a best-in-class financing experience by leveraging their automotive and financial expertise to deliver simple and tailored solutions that meet their clients' needs.

## The Challenge

A legacy application, crucial for managing legal notifications, was experiencing performance issues, scalability challenges, and rising maintenance and license costs due to its outdated Oracle technology.

The client aimed to upgrade the technology stack and improve the application's architecture to enhance operational efficiency, reduce costs, and mitigate risks associated with legacy systems.

Atos

# Financial Services Client

## The Solution

Our Database Modernization Toolkit, "Data Voyager," provided a deep dive into the database architecture to analyze the database schema, dependencies, and potential risks, identify optimization opportunities, and create a tailored migration strategy.

It reduced the schema migration effort by 65% and enabled a seamless transition from Oracle 19c to Postgres 16 in alignment with the client's compliance and architecture requirements.

Data Voyager's insights streamlined decision-making and reduced rework by identifying potential issues early in the process.

## The Impact

- Use of Data Voyager reduced schema migration effort by 65%

- accelerated schema analysis

- 70+ PLSQL to Java conversion

- 150+ DB objects

- 60+ reduction in upgradation effort

## Why Atos?

Atos's unique value proposition bridges data, expertise, and automation for a transformative journey across all significant hyperscalers.

From assessment to migration and beyond, Atos modernizes your infrastructure, taking you from legacy systems to cutting-edge cloud-native builds with speed, ease, and unshakeable confidence.

At Atos, we specialize in delivering cutting-edge Cloud Data and AI Solutions that drive innovation and fuel growth.

Leveraging cloud-based technologies and strategic partnerships with industry leaders like AWS, Google Cloud, Microsoft, Snowflake, and Databricks, we empower organizations to harness the full potential of their data landscape.
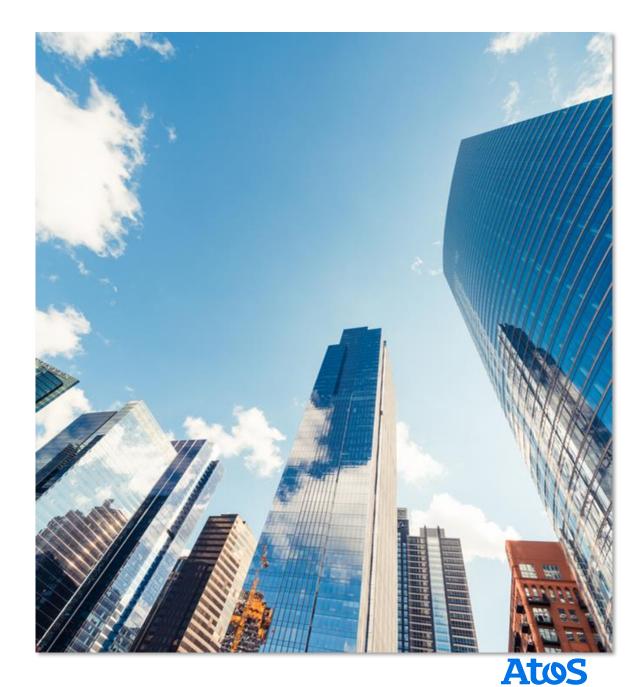
**Atos**

# Postal Services Company

## The Client

A financial services company that provides a wide range of innovative and flexible financing solutions for individuals, businesses, and dealerships specializing in automotive insurance, vehicle protection finance, refinancing, and other vehicle-related services.

The client aims to deliver a best-in-class financing experience, leveraging their automotive and financial expertise to offer simple and flexible solutions tailored to their clients' needs.

## The Challenge

The client aimed to migrate multiple applications from AWS to Azure but lacked the expertise to do a detailed assessment of their applications and databases to build the Azure migration strategy and target architecture and estimate the operational costs for running the applications on the Azure Cloud.

Atos

# Postal Services Company

## The Solution

Leveraged its AppMod Toolkit and Pryzm methodology to determine the optimal migration strategy from AWS to Azure Cloud.

Pryzm provided an overview of the current architectural patterns in use, and the team conducted an impact analysis for cloud migration and application modernization

The team identified project dependencies for the migration. It also identified relevant Azure cloud services through its QnA section.

Atos proposed a scaled delivery model to reduce costs by approximately 30%.

## The Impact

- Streamlined migration strategy with target architecture in cloud for migration from AWS to Azure.

- Assessment of 65 applications

- Scaled delivery model aimed to reduce assessment effort and costs by approximately 30%

## Why Atos?

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