

# Spain's Largest Private Health Group Begins its Digital Transformation

Case Study





“ *The go-to-production on Microsoft Azure and the performance of the platform for professionals have exceeded our expectations, achieving a 10% improvement in terms of speed: a figure to highlight, considering that historically mainframe environments have been considered the fastest in the management of critical processes.* ”

Jose Antonio Alonso, ASISA's IT Director

## The Customer

Grupo Asisa founded in 1971 is the largest private health group in Spain. Comprised of a group of more than 70 companies whose activities are grouped into three areas (insurance, healthcare and other non-healthcare activities), Grupo Asisa is owned by the largest Spanish and European healthcare cooperative, Lavinia S. Coop, which is wholly owned by Spanish capital and currently employs around 10,000 doctors.

## The Problem

Asisa's applications and interfaces had been running in a mainframe environment, which historically has been associated with high maintenance costs and limited possibilities for the evolution and integration of new technologies. Asisa's capacity for innovation at the technological level was limited by their technological infrastructure which served their network of professionals and more than 1,000 collaborating centers throughout Spain.

## The Solution

Raincode and Microsoft offered a solution that eliminated major setbacks regarding evolution and development, whilst simultaneously achieving a significant reduction in operating costs. The modernization of the Professionals area application, with its transition to a cloud model, was a major challenge due to its development in COBOL. The essential requirement of not altering the code outside the mainframe environment marked the collaboration between Microsoft Consulting Services and Raincode. Raincode's architecture modernizes legacy applications from the core system through migration and integration into Azure, without the need to change any lines of code. By keeping applications updated, optimized and deployed in the cloud, it was possible to preserve Asisa's development while greatly improving performance and flexibility.

## Successful migration of mainframe applications to Azure

This project has modernized on-premises applications in mainframe environments to Microsoft Azure – without the need to modify the existing COBOL code whilst also providing a 10% increase in terms of speed and achieved a 90% reduction of operating expenses.

## Ability to develop and scale with integrated Azure DevOps

The modernization undertaken by the insurer enables it to benefit from key aspects to continue its digital transformation. These include a significant reduction in the time to deploy new features, thanks to the accelerated delivery provided by Azure DevOps; improved scalability, availability and performance,

with full control by ASISA; technological simplification, which reduces silos between technology teams; or a defined approach that allows cloud applications to maintain their functionalities, with no downtime or impact on the business.

## Support for cybersecurity

The Microsoft cloud provides ASISA with solid support in terms of cybersecurity and regulatory compliance, with certification of compliance with the high level of the National Security Scheme. Microsoft's commitment to regulatory compliance applies to all areas: both in terms of protection measures, operational and organizational measures, as well as in the area of governance and data residency.



*“Microsoft and Raincode have been able to offer us a solution that eliminates a major bottleneck, while at the same time achieving a significant reduction in operating costs and an improvement in speed, which has an impact on the experience of associated professionals”*

Jose Antonio Alonso, ASISA's IT Director.



This migration has allowed 1,000 collaborating and proprietary centers in Spain to enjoy greater agility in their administrative and care work, without users having to perceive the migration.

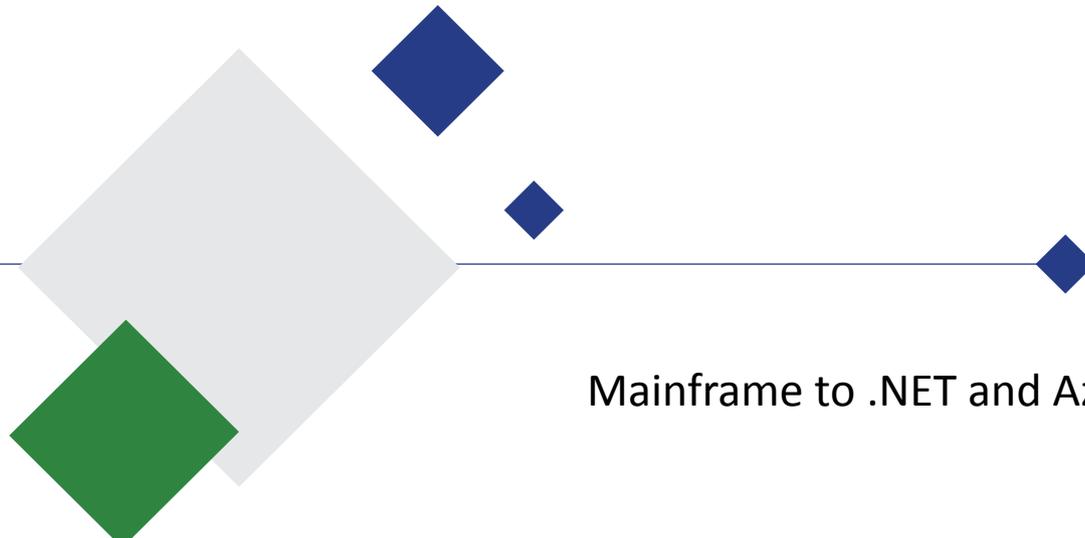
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Mainframe to .NET and Azure