



# Modernizing UX & Reducing Mainframe Costs with Rocket® Mobius



CA-GIP implements a new output management solution to modernize user experience and reduce costs



Founded in France in 1894, the Crédit Agricole Group has been helping families and businesses throughout Europe and parts of Africa manage finances and navigate investment opportunities. The group operates in the three main banking businesses: retail banking, savings management, and corporate and investment banking.

In 2019, Crédit Agricole Group created Crédit Agricole Group Infrastructure Platform (CA-GIP) to accelerate the digital transformation of all its subsidiaries, guarantee a high level of security and confidentiality, and also possessing the scalability and agility to build large-scale and innovative IT projects. Today, CA-GIP manages more than 80% of the group's IT production systems.

## Challenge

Since its creation, CA-GIP has undergone a vast technological transformation and modernization program in line with the Crédit Agricole Group's goals and strategy. One of those goals includes reducing its mainframe footprint—which represents nearly 60% of the application assets in certain subsidiaries—to eliminate costs associated with the IBM platform.

The CA-GIP team began to gradually migrate mainframe assets to modern, less expensive solutions. Regarding the output management solutions, which is critical within the banking sector, the decision was made to reduce their number and to migrate part of them on a modernized distributed architecture.

## Solution

Following an extensive search at the end of 2020, CA-GIP's team chose Rocket Software's Mobius enterprise content management and document archiving solution. "In addition to the Mobius' features, which corresponded in every way to our needs, it was also the support system offered and the dual expertise of the teams we met on the IBM z/OS and open environments that both convinced and reassured us," said Serge Musso, project manager and Z base architecture at CA-GIP.

Rocket Mobius' open-source deployment capabilities—through Linux environments that leveraged Docker for application containerization and Kubernetes for orchestration—also made the difference.

The CA-GIP and Rocket Software teams partnered during routine workshops to design the target infrastructure and configuration, leading to the deployment of Rocket Mobius in the summer of 2021. The migration of documents (mainframe execution reports and internal activity reports) was initiated in the fall of 2021.

## The Challenge

Crédit Agricole Group needed to implement a modernized distributed output management architecture **to reduce its mainframe footprint and associated costs.**

## The Solution

Crédit Agricole Group leveraged **Rocket® Mobius to modernize its output management solutions** and migrate them on a distributed environment.

Rocket Software’s knowledge of mainframe and distributed environments and the team’s unmatched migration support were integral to the success of this complex project.”



**SERGE MUSSO**

Project and Architecture Manager for the Z environment at CA-GIP

## Results

Rocket Mobius allowed for the migration of mainframe execution reports and internal activity reports within the Crédit Agricole Assurances subsidiaries. While the migrated volume to the new system was small (700 GB), document sizes made this first project extremely complex.

LCL Bank and Insurance—another subsidiary of the group—is migrating 1 TB of internal documents, while Crédit Agricole Italia has chosen to extend the use of Rocket Mobius to external documents as well, totaling around 65 TB of volume being transferred to the group’s new output management environment.

Ultimately, the implementation of the open output management system will allow Crédit Agricole Group to significantly reduce document production and distribution costs along its CA-GIP software. In addition to the migration to a less costly and easy-to-maintain open source environment, this project also reduced the number of output management solutions from five to three.

The solution’s modern interfaces have enhanced user experience throughout CA-GIP by replacing outdated screens with modern user interfaces. “Users are very satisfied with the Rocket solution,” said Musso.

The chosen infrastructure, mastered by Rocket, is a future-oriented solution. The modern Kubernetes foundation guarantees an excellent architecture durability and scalability for other projects.

The CA-GIP teams are now studying the possibility of extending the use of Rocket Mobius to external documents of certain subsidiaries of the Crédit Agricole Group, including LCL.

## Impact

### Modernization

Thanks to Rocket Mobius, CA-GIP was able to modernize and reduce its number of output management solutions—reducing its mainframe footprint and associated costs.

### Support

With the guidance and expertise of Rocket Software, CA-GIP was able to migrate documents securely from the mainframe to Mobius’ open-source environment.

### User Experience

Through the modernization of their output management solution, CA-GIP was able to provide a more intuitive user interface and improved experience.

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