



# Secrets to Success: Migrating your Mainframe to AWS

Partner Program Guide





Up to  
**70%**  
client savings  
on average once  
they have migrated.

## Introduction

Mainframes have been around for decades—and they are moving rapidly towards obsolescence every day. They are expensive to maintain, rigid, and inflexible. Development cycles for mainframes are slow, in stark contrast to the rapid development cycles of agile, cloud-native technologies. And because they are often built on dated programming languages, finding talent that can manage mainframes is all but impossible.

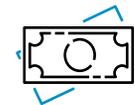
So, it's no surprise that more businesses are discovering the benefits of migrating their mainframes to the cloud. When you migrate to AWS, you can:



**Increase your ability** to scale existing workloads and deploy new ones rapidly, improving business agility



**Reduce costs** to experiment and innovate, leveraging automation capabilities that mainframes lack



**Eliminate the cost,** expense, and business risk of continuing to rely on outdated technologies

So what's the secret to successful mainframe migration? Choose the right migration services partner. An expert partner can help you with everything from fundamental decisions about migration (e.g., re-engineer or re-host?) to high-level migration strategies and goal setting. They can provide insights on migration considerations such as your overall business direction, the nature of the workload your mainframe supports, and even the availability of your mainframe application's source code. The right partner can make your migration seamless.



## Why Choose Infosys?

Infosys accelerates mainframe modernization through its automated Infosys Mainframe Modernization Platform, part of [Infosys Cobalt](#), leveraging the proven Accelerate, Renew, Transform (ART) framework for all mainframe modernization needs.

Infosys is the partner of choice because:

- Infosys has built a dedicated mainframe modernization center of excellence to cater to mainframe modernization needs.
- The Infosys Mainframe Modernization Platform is a one-stop solution for modernization needs, leveraging 30+ IP's per accelerator.
- Infosys fields 300+ architects and lead consultants to review large programs and recommend the optimal architectural frameworks and best practices.

For more information on Infosys Mainframe Modernization Services, please visit: <https://www.infosys.com/services/modernization.html>



**More than 24,000**  
mainframe  
resources



**More than 6,000**  
mainframe  
modernization-  
certified professionals



**More than 1,000**  
projects delivered



**More than 200**  
clients served

## Infosys Solutions

Infosys enables organizations to extend their IT capabilities, integrate with multiple enterprise products and solutions, reduce TCO, and improve agility.

### Re-engineer

Infosys provides a highly structured hybrid approach to rethink, redesign, and build capabilities based on domain-led development that leverages the principles of cloud-native application development and the API economy.

The Infosys Mainframe Modernization Platform, part of [Infosys Cobalt](#), automates analysis by establishing interdependencies across components. It identifies inactive inventory, enables data lineage to enable interactive analysis, and automates business rules extraction, ensuring 100% requirements coverage and 30% effort reduction in baselining requirements and testing.

The Infosys Cloud Native Development Platform accelerates the development of cloud-native applications on any Kubernetes platform through inbuilt microservices and batch designers, a fully integrated observability stack and a seamless built-in DevOps pipeline.

### Rehost

The Infosys Mainframe Rehosting Solution supports the lift and shift of the mainframe applications and data to an emulation platform on AWS. By rehosting, Infosys enables organizations to extend their IT capabilities through integration with multiple enterprise products and solutions, reducing their total cost of ownership, and improving their agility.

The Infosys Mainframe Modernization Platform aids in identifying the compatibility of components for rehosting and generates the business case for enhanced decision making. It enables the migration of mainframe files, utilities, and peripherals such as email utilities. Log archives are created in the target AWS environment.



## Mainframe rehosting

Through mainframe migration (re-engineer or rehost), clients can achieve:

- 30–40% reduction in MIPS
- 25–30% batch acceleration
- Up to 70% cost reduction
- Zero downtime for clients during migration

## Infosys Success Stories

Infosys is a Premier Consulting Partner of the Amazon Web Services Partner Network (APN). To ensure seamless mainframe migration for our clients, we combine intellectual property with advanced tools that realize the potential of cloud deployment and/or migration. Infosys AWS competencies include migrations, MSP partners, channel partners, financial services, life sciences, data and analytics, and public services.



### Australian Retailer

An Australian retailer rehosted their core merchandising and inventory management system to the Micro Focus Enterprise Suite on AWS, **generating savings of 54%**.

### Dutch Bank

A Dutch multinational bank rehosted their trade commodity finance platform from AS/400 to the Micro Focus Enterprise suite, **realizing annual savings of €5 million**.



### American Wireless Network Operator

A U.S.-based wireless company is transitioning enterprise applications from mainframe to microservices-based architecture on AWS to **accelerate time-to-market by ~30%**.

## Conclusion

At the global level, AWS is seeing tremendous interest in migrating mainframes to the cloud. By choosing a certified AWS partner to help you re-platform, refactor, or augment mainframe workloads, you can be confident in your critical mainframe ecosystem's transition to a secure and scalable cloud environment with global reach and enjoy peace of mind that your migration will be as seamless as possible.



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