

Meet the mainframe modernization experts



Automate your way to mainframe modernization

Using mainframes, banks and other financial service providers built the convenience and reliability that made our financial lives easier. It's time to say thank you and give those systems a break – before they break. Mainframe skills are in deeply diminishing supply, and these aging systems require ever-increasing and costly maintenance. Furthermore, integration challenges add to mainframe headaches.

Moving these backbone legacy systems to a modern cloud environment is faster and safer than ever. Astadia, an Amdocs company, revolutionized mainframe modernization. We offer the most comprehensive automation toolset available. The Astadia FastTrack Factory automates code conversion, database migration, testing, and validation for financial service providers. You can use it to start planning your mainframe's retirement party.

Set up your bank for success

Many banks have avoided mainframe modernization out of concerns for costs and business interruption risk. Historically, those concerns were warranted; many migrations from mainframes to the cloud proved more time-consuming and challenging than anticipated. That's partly because the migration process – especially code conversion and testing – has relied heavily on manual processes.

The FastTrack Factory overcomes these barriers. CodeTurn, a key engine within the factory, refactors legacy code into modern programming languages, achieving automation levels of more than 99.8%. TestMatch uses tracing capabilities to record activity and replay, compare, and flag any errors, helping to ensure a smooth transition. DataTurn and DataMatch migrate data and test it. The result: Automation drives 100% of the process, leading to up to a 90% reduction in project duration.

Realize more modernization benefits sooner

When you migrate from mainframes to modern infrastructure, you reap outsized rewards, including:

- **Significant cost savings:** Thanks to operational, staffing, and performance efficiencies, mainframe modernization generates up to 90% savings in operating costs.
- **Next-gen capabilities:** Modernization helps you better take advantage of game-changing technologies, including GenAI.
- **Enhanced competitiveness:** More agile systems accelerate time to market and make customer experience innovations more feasible.
- **Improved compliance:** Switching to modern platforms streamlines regulatory goals, including faster transaction settlement and open finance readiness.

Finance leader eliminates batch processing

A financial services giant in the United States turned to the Astadia FastTrack Factory to maintain its leading position and end spiraling mainframe costs. With its cloud-based platform, the company ended the customer experience drag of batch processing, delighting customers with near real-time transaction posting. The financial leader was also able to:

- Reduce IT costs without impacting performance.
- Strengthen its position in the marketplace with competitive pricing.
- Accelerate development and take advantage of AI and machine learning.
- Realize the elasticity and reliability benefits of cloud-based infrastructure.

Modernize IT operations to maximize benefits

Modern systems thrive when operated with the latest best practices and AI-powered automation. Amdocs has a long track record of modernizing IT operations for highly regulated businesses, including financial services leaders. We optimize practices like site reliability engineering and DevSecOps. At the same time, we introduce AI and automation to drive operations excellence further. With modern IT operations, you:

- Increase efficiency, uptime, and zero-touch operations with automation.
- Accelerate operations with auto-ticket resolution and self-service.
- Shift operations left into development to reduce errors and enhance quality.
- Harness AI for better observability and self-healing.
- Correlate operational KPIs with business outcomes and productivity.

Let's make banking amazing

Our team has completed 300+ mainframe modernization projects, many with financial services leaders. With billions of lines of COBOL transformed, we offer industry-leading success rates and unmatched modernization expertise. What questions do you have about mainframe modernization? Visit amdocs.com/topics/financial-services for insight into how you can retire your mainframes.

