

Modernizing a 25-Year-Old Codebase

How Distillery Drastically Transformed a Leading Financial Institution's Integration Capabilities

The Urgency

A leading financial institution wanted to integrate two complex banking systems, automate its manual processing, and enhance real-time payment capabilities.

But the company needed a partner with the financial technology expertise to navigate legacy systems, streamline banking operations, and ensure the delivery of innovative and efficient services.

The Distillery Approach

At Distillery, we started the project in August 2021 with a nearshore development team of seven. Managing the project from its inception, our team began by focusing on stabilizing the bank's systems, streamlining data processing, and enhancing backend operations.

As the project evolved, a need emerged to include a real-time payments (RTP) system. This mission-critical initiative required innovative solutions to be able to handle transactions 24/7/365. To meet the demand, we expanded our nearshore team to 14.

One major challenge was tackling a complex codebase, untouched for 25 years. Our developers created tools for QA visibility and ensured rigorous testing. Even when the RTP project was put on hold due to budget constraints, the institution recognized our team's quality work and retained Distillery for additional projects. This included end-of-life regulatory updates and server/application maintenance.

The Results

Through Distillery's efforts, the bank achieved remarkable improvements in many areas, including:

- Greater Integration Speed that reduced data processing time from two hours to just three minutes.
- Stronger System Reliability enhancing overall stability and security.
- Optimized Operational Efficiency that automated manual processes.
- Higher Customer Satisfaction through improved service offerings.

Thanks to Distillery's enhancements, the bank now efficiently manages data, using it to enhance Artificial Intelligence models, test new features, and improve user experience.