OpenLegacy
Digital to the Core

Case Study

Leading bank improves performance by 70x

OpenLegacy helps bank realize vision of agile innovation

Financial | Mainframe | Core Banking

Founded at the turn of the 20th century, this banking and financial services holding company is the third largest in its country of operation, and the largest retirement fund administrator. It serves over 27 million customers through 1000+ branches, and receives deposits in over six thousands commercial establishments.

The Challenge

Implementing this customer-focused vision involved opening many user flows implemented in legacy systems hosted on the bank's Mainframe platforms. User onboarding, for example, was way too complex. It involved going to a physical branch, using various documents for identity verification, and going back to the bank to pick up a new credit or debit card. For younger consumers, this process is cumbersome and time consuming. They would "rather go to the dentist than go to the bank."

Making new customer onboarding fast and seamless and fast for millennials was a high priority. If a bank is able to add 100K new millennials as customers, this means hundreds of millions of dollars in incremental customer lifetime value.

Similar onboarding processes exist for savings and checking accounts, car loan, credit cards and other services. How can 15 year old technology infrastructure support a bottoms up approach for re-imagining these experiences?

The Solution

The bank clearly had the right mindset, vision, and budget, but it lacked the right partner to execute. They turned to OpenLegacy to implement mainframe-based workflows as APIs. Using OpenLegacy, a small pilot team delivered the first API within a few hours, with additional APIs following in rapid succession.

The fast implementation was in large part thanks to OpenLegacy's platform, which directly connects to the mainframe and does not involve ESB or other middleware software. Eliminating these intermediary layers dramatically accelerated performance: Compared to the previously developed APIs, OpenLegacy's APIs were 70x faster.

> *When another bank launches something new, we need to be able to do it tomorrow. Time to market isn't dealing with my backlog - it's when the market changes today, how do I react to it tomorrow.*
>
> **Bank Executive**

The Result

Simplicity that leads to speed and 70X performance improvement

As a leading analyst commented when vetting OpenLegacy's technology, "your simplicity is brilliant." OpenLegacy generates standard, lightweight code for microservices without requiring any modifications to the mainframe applications. OpenLegacy's architecture does not involve any middle layers such as ESBs and MQ, thus shortening the development cycle and leading to significant cost savings and stunning performance improvements: Transaction response time improved by 70X.

Plow through the backlog with agile development and standards

Development time was also much faster, thanks to OpenLegacy's automation, standardization, and adherence to agile development methodologies. API standardization is incredibly important for this bank, and OpenLegacy with its automated generation of standard, lightweight API code generates code the way they want it to look. Comparing that to hundreds of developers each with their own coding style and preferences, it is clear that automated generation of code is far superior. Once an organization defines its coding preferences with OpenLegacy, all generated APIs and services comply with these definitions.

Instantaneous Deployment

Deployment is also a breeze with OpenLegacy, freeing up expensive DevOps resources: OpenLegacy instantaneously deploys new versions—compared to the old environment that required over a week to deploy. By relying on the newest open standards, OpenLegacy's solution reduces risk and supports all security requirements and regulations that are mandatory for this large bank.

About OpenLegacy

OpenLegacy's Digital-Driven Integration enables organizations with legacy systems to release new digital services faster and easier than ever before. Connecting directly to even the most complex core systems, OpenLegacy automatically generates the digital-ready components needed to integrate legacy assets into exciting new innovations. With OpenLegacy, industry-leading companies release new apps, features, and updates while spending a fraction of the time and resources, so they quickly and easily become digital to the core.