

Case Study

Met Regulatory Requirements Quickly and Easily

Credit card provider cuts costs and development time with OpenLegacy

MAX

70%
of logic automatically
generated

1 week
for complete integration
of sub-system

MAX, formerly LeumiCard, provides a wide range of services, from card issuance, clearing services, payment, and credit services, and Max issued millions of branded credit cards and provides clearing services for over 50,000 business. They pride themselves on being market leaders in quality of customer service, made possible by their robust IT systems, collaboration with internal business units, and continued investment in technology.

Financial ■ Mainframe ■ Screens ■ Regulatory



The Challenge

MAX's credit card back office operation runs on a complex, zSeries application with hundreds of "green screens." It is a packaged application for credit cards bought in the '90s and modernized in the early 2000s with a Visual Basic front end, supplied by a vendor that is no longer in business.

This unsupported product didn't meet new regulatory requirements and several years ago, MAX decided to remove the Visual Basic front-end and embrace a digital environment.

In the years since, they have tried multiple times to get the project off the ground. Vendors quoted high price tags with long timelines, calling for years of development. No vendor could commit to replacing the system quickly and cost-effectively.



The Solution

Enter OpenLegacy. An initial two-day Proof of Concept (POC) fully converted a complete business process from the zSeries application to a responsive web

page. OpenLegacy's platform automatically parsed the green screen business flows to gather the necessary data and metadata with very little effort on the developer's part. The OpenLegacy platform then modeled the fields, titles, data types, tables, and even the relationships between the different screens. Add OpenLegacy's intuitive user interface, and the POC was completed in record time.

The next phase was an extended pilot, where MAX converted an entire sub-application of the zSeries application. The team leveraged OpenLegacy's platform for a highly automated conversion process: It parsed and analyzed the Visual Basic application's metadata and Visual Basic structure (e.g panels, widgets), and automatically generated web pages and corresponding APIs.

Because of the highly automated nature of the migration tool (about 70% was automated out of the box), combined with incorporation of modeling rules and templates, this pilot phase took only a week to complete.

The additional proof points provided in this project were:

- Auto generated Web Services
- OpenLegacy generated API's invoking existing services as Rest API's— quickly extending them to responsive web pages.
- Provided critical asynchronous updates to and from the mainframe environment—through a high volume batch process that reads and writes to the mainframe database.
- Built in API orchestration, which now seamlessly blends screens, services and database access—all through a new digital application with a consistent user interface.
- Security, regulatory compliance, API management, and performance

The full application was migrated substantially faster than any of the previous estimates, with the added financial benefit of being accomplished by the current IT resource team.



The Result

Massive cost savings and faster time to market through a non-invasive, cloud-deployed solution

Instead of rewriting the zSeries and Visual Basic code—a risky, costly move which would have taken years—they created a responsive web application within months. Moving from a Visual Basic desktop environment to a modern web-based, architecture makes it easier to integrate with their other systems. Digital designs mean the same application is accessible from mobile phones and tablets without additional customization.



Our zSeries migration project was in the works for years, leaving us stranded with an old technology that wasn't compliant with new regulations and the latest security features. With OpenLegacy, development time and cost were so much lower that we finally felt confident launching the migration project.



MAX

Conforming to international regulatory requirements

A primary impetus for the project was the need to conform to international regulations and standards, including supporting modern security requirements.

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.