

GLOBAL SWISS BANK CONNECTS MAINFRAME TO FRAUD DETECTION SYSTEMS USING IVORY SERVICE ARCHITECT

A Record Fast Turn-around

A Swiss financial services company, wealth manager, and global investment bank with business divisions in over 50 countries needed a way to quickly and securely connect their mainframe applications to a third-party database with very low latency in order to fulfill KYC due diligence in real time.

CHALLENGE

Due to its legacy infrastructure, the banking giant needed a way to rapidly create uniform SOAP and REST APIs that would be called from a variety of programs, including their mainframe PL/I z/OS-based business logic applications.

Additionally, executives needed this challenge addressed as soon as possible. The integration solution had to be up and running quickly, and there was little time for their engineers to write new APIs or PL/I code. This API platform had to interface with a wide range of banking technology, such as 3270 screens and legacy programs to hybrid-cloud mobile applications.



CLIENT

Global Banking Institution headquartered in Switzerland.



INDUSTRY

Banking & Financial Services



CHALLENGE

How can legacy technology and mainframes connect to modern applications for KYC due diligence in real time with very low latency?



SOLUTION

GT Software's
Ivory® Service Architect™

SOLUTION

When the banking giant reached out to GT Software to conduct a Proof of Concept (POC), they wanted to see the capabilities of GT Software's mainframe modernization solution, Ivory, first-hand.

Lasting only a week, the firm was able to create Smart APIs that called out to Refinitiv's World-Check database and fulfilled KYC due diligence. They were convinced Ivory was the only solution that accomplish what they needed.

Using Ivory today, the bank is able to:

- Design, test, and rapidly deploy APIs with little to no coding.
- Import Swagger (OpenAPI) documents that map the interface from third party services into the Ivory Studio to create and verify additional APIs.
- Create a workflow that defines the logic needed for the required input/output to new APIs.
- Reduce latency by consolidating multiple round trips usually required in calling legacy systems into Smart APIs.
- Generate required REST APIs that are securely called by external mobile, web, and other applications.
- Create the essential PL/I mainframe components for all interfaces into existing transactions in order to call out to fraud detection services.
- Quickly check APIs for errors.

RESULTS

Using Ivory, this global financial services institution securely connected their mainframe and mobile applications to fraud detection services with little or no coding needed. Thanks to Ivory's Smart APIs, the bank's legacy system will stay securely connected to fraud detection services regardless of what changes are made to the applications or infrastructure in the future.

Ask us how you can better leverage your legacy systems today.

Smart APIs allow you to call multiple services and apply a workflow to the transactions from a single API.

GT Software (www.gtsoftware.com) empowers many of the world's largest banks—such as Natixis and JP Morgan Chase— to accelerate their IT modernization efforts. By enabling companies to connect legacy mainframe assets with modern, cloud-based systems GT removes a major roadblock for Fortune 1000 companies looking to elevate their customer experience. Pioneering the Open Banking movement in Europe and the U.S., GT Software allows mainframes to rapidly create inbound calls and call out. Now, legacy systems can perform function such as payments, fraud detection, KYC, and AML in real time. GT Software is proud to help lead innovation with their 35+ years of mainframe expertise.



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