

Swiss Bank Enhances Fraud Detection with Mainframe Integration

BUSINESS CHALLENGE

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 core systems to a third-party database with very low latency in order to fulfill Know Your Customer (KYC) due diligence in real time.

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.

OVERVIEW

CLIENT

A global banking institution headquartered in Switzerland

CHALLENGE

How can core technology connect to modern applications for KYC due diligence in real time with low latency?

SOLUTION

Adaptive Integration Fabric

RESULTS

The global financial institution utilized Adaptive Integration Fabric to effortlessly connect their mainframe and mobile applications to fraud detection services with minimal coding.

| SOLUTION

When the banking giant reached out to Adaptigent™ to conduct a Proof of Concept (POC), they wanted to see the capabilities of Adaptigent's no code modernization solution, Adaptive Integration Fabric, 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 the Fabric was the only solution that could accomplish what they needed.

Adaptive Integration Fabric creates a powerful orchestration layer that easily accesses data trapped on core systems.

| RESULTS

Using [Adaptive Integration Fabric](#), this client securely connected their mainframe and mobile applications to fraud detection services with little or no coding needed. Thanks to Fabric'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.

FABRIC SOLUTION:

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

Visit adaptigent.com to learn how you can better leverage your legacy systems today.

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