

Case Study

Enable Standard Chartered Bank to Build Internet Banking Service Faster



10x
faster API generation

3
complex use cases in only
1.5 man-months

Standard Chartered plc is a British multinational financial services company. It operates a network of more than 1,200 branches and outlets across more than 70 countries and employs around 87,000 people.

Finance ■ Mainframe ■ DevOps



The Challenge

The long-term plan for this division of Standard Chartered was to migrate away from their legacy mainframe. But first, they needed to add new straight-to-end-user banking functionality to what they already had. Additionally, they wanted this new functionality to handle bank transfers, and to continue to function work as they progressed through their migration plan.

Standard Chartered needed to build new customer services quickly, but were working with outdated systems and languages (IMS and PL/1). Their core systems were also heavily reliant on multiple types of interfaces, including synchronous, asynchronous, and bulk.

This challenging arrangement made it difficult for any single vendor to support them. Most only support one type of system, such as Cobol. That limited capability simply wouldn't work for Standard Chartered. And while they were using WebMethods, the process was slow and expensive. They still had 98 new features to new implement, and wanted to develop modern digital systems that leveraged their current legacy information.

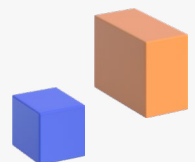


The Solution

The OpenLegacy platform supports PL1 and IMS out of the box. It also supports an expansive range of integration types. This flexibility allows Standard Chartered to automatically generate the microservice-based solutions they need.

The bank transfer process presented some additional complexity. Transfers into their system used use synchronous calls, while transfers to other banks used asynchronous calls. The OpenLegacy platform enables Standard Chartered to build APIs to work in compliance with these intricate bulk processing rules.

The solution also allowed Standard Chartered to build an API Factory using a DevOps pipeline that includes mainframe integration assets. They built the new services using a cloud-first development and delivery architecture.





The Result

A new API Factory can meet the tightest deadlines

The API generation is 10x faster than with their old solution, with better quality.

Complex use cases completed in record time

It only took 1.5 man-months to complete 2 complex use cases that in the past would take closer to one year.

Assets from multiple types of systems managed with ease

New APIs now handle credit card and trading systems processing, as well as multiple types of transactions.



As the bank embarks on a digital journey to modernize our platforms, it is critical that we leverage new technologies to ensure we stay relevant in this competitive space. We are excited to partner with OpenLegacy to bring next-level digital integration for our banking services in South Korea.



**Jason Ki, SVP,
Technology & Innovations**

About OpenLegacy

OpenLegacy offers a cloud-first legacy modernization platform. With OpenLegacy Hub you now have a simple, disruption-free, and high ROI way to generate, extend and manage digital services from legacy systems to the cloud. Jumpstart and optimize your modernization journey and follow it through, no matter the chosen strategy: modernizing in place (hybrid), rehosting/replatforming or even replacing and rewriting the entire application.