

Banca Popolare di Sondrio (BPS) decouples their mainframe from their digital systems

BPS is now more resilient to change



Banca Popolare di Sondrio

10

APIs created every 2 weeks

350

services offloaded in next 2 years

Banca Popolare di Sondrio (BPS) is an Italian co-operative bank, established in 1871. Over time they extended to all of Italy while maintaining a strong link with our area of origin and our traditions. Their goal is to create a complete network of services alongside families, small and medium-sized businesses, promoting the well-being and development of its communities.

Decoupling ■ CICS ■ Payments ■ Financial ■ Open Banking ■ OpenShift



The Challenge

Decoupling the mainframe for agility and adaptability

To adjust to rapidly changing market demand, BPS' systems need to support the increasing pressure for agility and faster time to market. The above is even more difficult to achieve considering the constant pressure on today's modern banks to reduce their operational cost.

As APIs are key enablers of the new, modern digital world, this area is one of the first ones to look at. BPS' entire API ecosystem is heavily dependent on aging SOA architecture, implemented via middlewares such as ESB & CTG.

BPS always wanted to decouple its mainframe from the digital side and leverage direct connections to the CICS transactions. This allows the system to be resilient and BPS to build what they need on the digital side. It also allows them to only use the batch process to augment everything else.

BPS supports PSD2 open banking regulations but also sees more regulations being planned for the future. They always want to stay ahead of new requirements and hence felt time was of the essence to modify their approach in building integrations to their mainframe systems.



We wanted to decouple the mainframe from the digital side to build resilience into the entire system. OpenLegacy's platform enables this through quick and easy building of cloud-native services. OpenLegacy empowered us to build an API Factory that includes our mainframe assets quickly and easily.



**Milo Gusmeroli, CIO
BPS**



The Solution

Automated API creation that bypasses middleware for faster time-to-market

BPS always wanted to decouple its mainframe from the digital side and leverage direct connections to the CICS transactions. This allows the system to be resilient and BPS to build what they need on the digital side.

They chose OpenLegacy's platform since it automatically generates microservice-based APIs on the digital side with direct connections to the CICS system. The microservices allow BPS to build APIs combining whatever features they need from the mainframe.

The OpenLegacy platform reduces the reliance on their ESB by offloading work to a clean microservices-based architecture. This is a highly manageable process, using OpenLegacy's automation and capabilities. Their new system also doesn't require any vendor lock-in and proprietary run-time.

BPS builds the services on their own or with partners they select. OpenLegacy's platform creates a standardized integration process so building the services is easy and quick without a steep learning curve.

Furthermore, they bypass additional middleware components, presenting much lower operational cost, higher efficiency and support for deploying to their modern architecture of choice, OpenShift.

Overall this groundwork is allowing BPS to build an API factory and focus on getting new functionality to market faster in a more repeatable manner without any integration bottlenecks.

The OpenLegacy platform enables BPS to get new functionality to market faster, in a more repeatable manner.



The Result

BPS built a highly resilient microservice-based architecture quickly and easily. This allows their system to become truly cloud-native and respond to new business requirements quickly.

BPS can now generate 10 APIs every 2 weeks

Using their OpenLegacy powered API Factory, BPS can generate up to 10 APIs every 2 weeks and build what their customers need quickly and effectively.

After decoupling BPS will focus on instant payments

Once BPS finishes the decoupling process they plan to leverage their new OpenLegacy powered microservice-based API architecture to build compliance to the new EU instant payments regulations due to come out in 2022.

BPS has big plans for the next two years

BPS plans to offload 350 services over the next 2 years.

About OpenLegacy

OpenLegacy is the technology platform that global enterprises rely on to accelerate time-to-market by transforming monolithic core systems into cloud-native building blocks of innovation. 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.