

Case Study

How BNP Paribas bank saved \$778 000 thanks to code-less MFA implementation

About

BNP Paribas is the European Union's leading bank and a key player in international banking. It operates in 68 countries and has more than 190,000 employees, including nearly 145,000 in Europe. BNP Paribas has +200 years of history in banking with mergers and acquisitions playing an important role in the company's strategy. Up till 2022, BNP Paribas has made 10 acquisitions and 182 investments spending over \$ 1.99B on the acquisitions.



+200

Years of history



68

Countries



+190k

Employees

Challenge

The pandemic brought new cybersecurity challenges to the BNP Paribas group. The organization wanted to create a high level of cybersecurity for all users and all devices across the entire organization and regardless of the localization.

One of the most important elements to achieving this goal was introducing Multi-Factor Authentication (MFA) globally. MFA is named by the US National Institute of Standards and Technology (NIST) as one of the crucial ways to secure critical systems within the organization. While being one of the best ways to protect from cyber-attacks, MFA is, at the same time, really hard to implement since, in a traditional approach, each application needs to be redesigned one by one.

BNP Paribas group is an organization built from numerous mergers. The bank owns +160 critical systems, many of which are legacy systems and +70 with direct internet access. The bank was looking for a new way to introduce MFA globally, without touching protected applications code, and with an option to leverage MFA methods that were already in use.



“We are faced with new challenges every day. We must always be one step ahead of the attackers and know what they are going to do before they do it. We are convinced that the User Access Security Broker will bring security to a new level, both for those working at the office and from home. For us, working with Secfense is an opportunity to exchange experience with developers who put great value on out-of-the-box thinking.”

Krzysztof Słotwiński

Business Continuity and Computer Security Officer
BNP Paribas Bank Polska

Results

Fast and large scale implementation

The result exceeded expectations. Ultimately, due to streamlined MFA deployment, BNP Paribas decided to add MFA to 43% more applications than was initially planned, including legacy applications. The bank was able to leverage all existing MFA methods and add new, alternative MFA methods to its user access security portfolio. The engagement of IT specialists was reduced by 82% compared to the traditional MFA implementation approach.

Reducing the specialist's engagement lowered the total costs of the deployment by 87%, resulting in \$778 000 in savings. The whole project was executed without the necessity of hiring any software developers.

Summary

Thanks to introducing the Secfense broker BNP Paribas achieved the following goals:

**43%** ▲

MFA added to 43% more apps than initially planned

**100%**

Leveraged all currently used MFA methods

**82%** ▼

Reduced IT specialist's engagement

**87%** ▼

Reduced the cost of implementation

**\$778 000**

savings compared to traditional MFA implementation approach.

More information
www.secfense.com