Leading European Bank Trusts **Guardsquare** to Ensure Mobile App Security

TOTAL DUE: $62.47

One of the world's longest-running banks protects information with DexGuard & iXGuard.

The Company

This financial institution is one of the world's oldest banks, still in operation since its founding several centuries ago. Today, the bank is active across major international financial markets with a significant market share in Europe. They are focused on traditional retail and commercial banking services, concentrating on households and small to midsize businesses.

The bank combines traditional services offered through its network of branches and specialization centers with self-service and digital touchpoints. With more than 1,500 branches, this financial institution offers services to 4.5 million customers.

COMPANY DETAILS

Industry
Financial services

Privately / Publicly Owned
Public

Employees
20K+

Challenges
- App development team identified security gaps in mobile apps
- Wanted to replace multiple security tools with one
- Stringent security regulations

Solutions
- DexGuard
- iXGuard

> "In banking software development, security is always a priority. **The nature of the business requires a high consideration of cybersecurity.** When it comes to mobile, our key objective was to protect our apps from attackers, keeping our customers and our own information safe from malicious actors."

— Senior Software Engineer

www.guardsquare.com

GUARDSQUARE
Mobile application protection

The Challenge

All financial services applications require a high standard of security. Mobile banking apps require additional security protections in comparison to other apps because they process financial transactions and house personally identifiable information (PII), payment card information, and other sensitive data. Additionally, mobile application security is especially important because they operate in a highly regulated industry and any fraud must be reported to the governing body that controls and oversees the activities of the entire market.

> **"Guardsquare has added valuable privacy support to our app, enabling us to ensure our customers will have a secure mobile banking experience."**
>
> — Senior Software Engineer
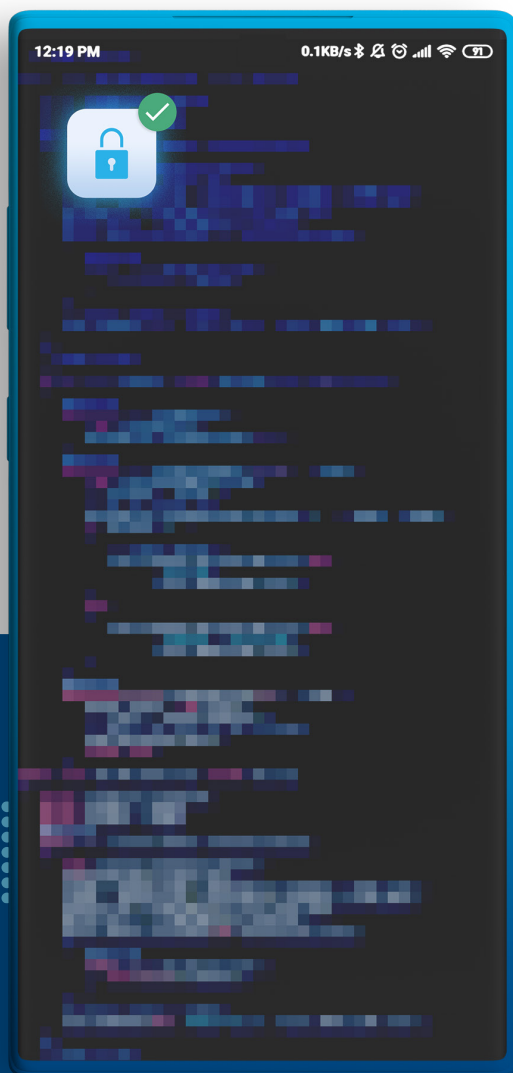
The bank offers both iOS and Android mobile apps to its customers. The development team needed a way to protect the apps without relying on several different tools that could be difficult to manage and keep track of.

The Solution

Ultimately, the bank decided to use Guardsquare's DexGuard and iXGuard solutions to implement both code hardening and runtime application self-protection (RASP) across their Android and iOS apps. This enables the bank to defend its apps against many types of potential attacks and compromises.

The team was able to get up and running with DexGuard and iXGuard within just one month. "We chose Guardsquare for their impressive amount of in-app security features," said the Senior Software Engineer at this bank. "Guardsquare has added valuable privacy support to our app, enabling us to ensure our customers will have a secure mobile banking experience."

GUARDSQUARE
Mobile application protection

When a runtime threat is detected, the bank's app reacts in a pre-programmed manner, sending a security notification during the session, alerting the user of the session, and/or app termination.

The bank uses **DexGuard** (DG) and **iXGuard** (IX) to protect their Android and iOS devices. DexGuard and iXGuard protect native apps, cross-platform apps, and software development kits (SDKs) against reverse engineering and hacking by hardening the apps' code and enabling the apps to self-defend at runtime.

The Result

With an implementation time of only one month, DexGuard and iXGuard quickly proved valuable to the application security team at this bank. DexGuard allows the app development team to use just one tool for code hardening and RASP on their apps.

Guardsquare has helped protect their customers' sensitive personal and financial data, avoiding intellectual property theft, credential harvesting, cloning, and tampering with their mobile apps.
With DexGuard and iXGuard implemented, the bank can protect against reverse engineering and hacking, as well as hardening their Android apps' code and enabling them to defend themselves at runtime. They have also been able to integrate security into their app development lifecycle without needing to rely on several different solutions.

PROTECT ········· TEST ········· MONITOR

Curious to see how
Guardsquare can protect your
banking mobile apps against
common attacks?

Request a Demo

GUARDSQUARE
Mobile application protection

Developer friendly **mobile app sec tools** that:

PROTECT | TEST | MONITOR

Guardsquare offers the most complete approach to mobile application security on the market. Built on the open source **ProGuard**® technology, Guardsquare's software integrates seamlessly across the development cycle. From app security testing to code hardening to real-time visibility into the threat landscape, Guardsquare solutions provide enhanced mobile application security from early in the development process through publication.

More than 900 customers worldwide across all major industries rely on Guardsquare to help them identify security risks and protect their mobile applications against reverse engineering and tampering.

The creators of **ProGuard**® | www.guardsquare.com