



CASE STUDY

>Top 10 global bank implements dynamic mobile app security with Build38_

Revolutionizing mobile banking security
for eight million consumers

Summary

Working under the strictest safety standards, the bank prides itself on having the most innovative technology on the market for preventing and detecting cyberattacks, ensuring the confidentiality, integrity and availability of entity, client and employee information at all times.

Ensuring the optimal implementation and maintenance of these strict security standards, and providing a fine-tuned user experience for more than eight million mobile app customers, was of paramount importance.



Industry

Financial services
Mobile banking



Region

Spain, Europe



Insights

Top 3 Spanish Bank
Top 10 Global Bank



Key challenges

- Safeguarding customer credentials & banking mobile app integrity
- Meeting the company's strategic goals and ensuring their mobile banking app protection goes beyond mere compliance or reacting to incidents as they happen
- Future-proofing the bank's digital channels in the face of evolving cybersecurity threats



The solution

In collaboration with Build38, the bank is spearheading a revolution in mobile banking security. Build38 facilitates instant communication of individual app instances' security status to the bank's mobile banking backend. This, in return, enables the backend to enforce strict security policies, such as requiring multi-factor authentication when Build38 detects a threat, or even blocking the app entirely for security reasons.



Business benefits

- A more secure and user-friendly banking experience for the company's customers
- Swift security actions via the solution's exclusive ability to app-level security information with the company's back-end server

A strategic approach to mobile banking security

In a digital era dominated by convenience and connectivity, the world of banking has undergone a significant transformation

Nowhere is this more evident than at our client, one of the world's largest financial institutions. With over eight million mobile banking users, the need for enhanced security is paramount. Our client's commitment to safeguarding customer credentials and ensuring the security of their mobile banking app goes beyond mere compliance or reaction to specific incidents. It's a strategic move designed to future-proof the bank's digital channels in the face of evolving cybersecurity threats.

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Selecting the ideal partner: Build38's standout qualities

In the quest for the perfect security solution, the bank meticulously assessed various options. They set three key criteria as their North Star:

- Seamless integration into the mobile app
- Robust customer credential protection
- The ability to integrate mobile app threat detection and response into their backend system

Build38, a leading provider of a comprehensive mobile app security platform, not only met these criteria, it surpassed them.

Chief Information Security Officer

>Build38's unique solution perfectly aligns with our need to safeguard customer credentials and protect the integrity of our mobile banking app_

Elevating security standards

Choosing Build38 for its exclusive threat intelligence and response APIs



Seamless integration into the mobile banking app: a time and resource saver

As the bank evaluated mobile app security solutions, they found that Build38's quick and easy integration was a major advantage. This will allow the bank to efficiently add self-protection technology to their mobile banking app while saving time and valuable developer resources.



The ultimate protection: safeguarding customer credentials

The company's approach to strengthening mobile banking security begins with safeguarding customer credentials, including the banking apps' cryptographic keys. Here, our client found that Build38's platform was an ideal match for its strict policies and security objectives, ensuring that sensitive customer data and transactions would be protected.



Enabling dynamic security with build38 threat intelligence and response apis

The benefits of Build38 extend beyond mere streamlined integration and exceptional local app self-protection features. The mobile app security platform offers exclusive Threat Intelligence & Response APIs, facilitating seamless connections between every app instance and the bank's backend systems. This integration delivers real-time insights into the mobile application's status, empowering the bank to make well-informed, context-aware security decisions that redefine their digital channel security.

For instance, when a potentially risky situation is identified on a user's device, the mobile banking app can mandate robust customer authentication for specific transactions. In critical scenarios, if Build38 alerts the back-end security system to an ongoing attack on the app instance by hackers, the mobile banking app may even receive a command to shut down entirely, ensuring the safety of the user and their data.



A unified approach to security and user experience

The innovative strategy put forth by the bank harmoniously unites security and user experience. By basing their security decisions on device behavior and context, they have created an adaptive system that addresses emerging threats while ensuring a convenient and user-friendly experience for their customers.

Defining the future of mobile app security in the financial industry

Build38 leads the way in elevating mobile app security for a secure future in the financial industry

A forward-thinking approach

The partnership with Build38 is setting a new standard for mobile app security in the financial industry. The bank's approach to mobile banking security:

- Is both dynamic and real-time
- Leverages device-level insights
- Enables instant decision-making
- Centralizes the enforcement of robust app security policies

This strategy isn't just about responding to existing threats; it's forward-thinking, with a focus on shaping the future of banking security. The bank is leading the charge towards secure, user-centric digital banking in an ever-evolving landscape of cybersecurity challenges.

Chief Information Security Officer

>Build38's ease of integration and ability to communicate app-level security information to our back-end server allows us to initiate swift security actions centrally for individual app instances. We're confident that our collaboration will lead to a more secure and user-friendly banking experience_

About Build38

The Build38 Mobile App Security Platform empowers businesses to effectively counter security attacks targeting their mobile apps. The platform stands out with its advanced Mobile App Self- Protection, cryptography and AI-driven Active App Hardening, and cloud-based Mobile Threat Intelligence.

Build38 streamlines compliance requirements, expedites certification processes, and eliminates the need for extensive security expertise within mobile app teams. It uniquely caters to the rigorous security requirements of various mobile applications, including mobile-first banking apps, SoftPOS apps, digital ID apps, digital wallets, car key apps, eHealth apps, crypto wallets, and many other application types.

Trusted by industry-leading mobile app companies, the integrated, yet modular, system guarantees zero-trust security across the entire mobile technology stack, encompassing the app, network, and backend infrastructure.

For more information, visit www.build38.com.



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