

DATASHEET

# Taking mobile app [security] to the next level

Opportunity unlocked: Strengthening mobile app security with three layers of app protection

## Traditional platforms prioritize app protection, neglecting end-to-end system security

For the most part, traditional solutions focus on enabling mobile applications to defend themselves locally against cyber threats via RASP (Runtime Application Self Protection) technology. They actively observe a mobile app's behavior while it is running, continuously scrutinizing its actions, data flows, and interactions to rapidly identify and counteract security threats. Their primary response mechanism involves halting the app and suspending user access as long as the RASP software detects any signs of compromise.

However, as security attacks grow more sophisticated, these solutions are encountering limitations:



Narrow RASP focus compels development teams to turn to multiple app security solutions.



The inadequate protection of backend APIs requires teams that want to secure their APIs to turn to separate firewall technologies.



## Build38: Taking mobile app security to the next level

Build38 is a comprehensive cloud-augmented AI-powered threat intelligence mobile app security platform that empowers businesses to effectively counteract security attacks that target their mobile apps. The platform stands out from other solutions in the marketplace, thanks to its advanced mobile app self-protection technology, cryptography, and AI-driven active app hardening, as well as its cloud-based threat intelligence.

Our solution streamlines compliance requirements, expedites certification processes, and eliminates the need for extensive security expertise among in-house mobile app teams. Build38 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 app types.

## Superior mobile app self-protection

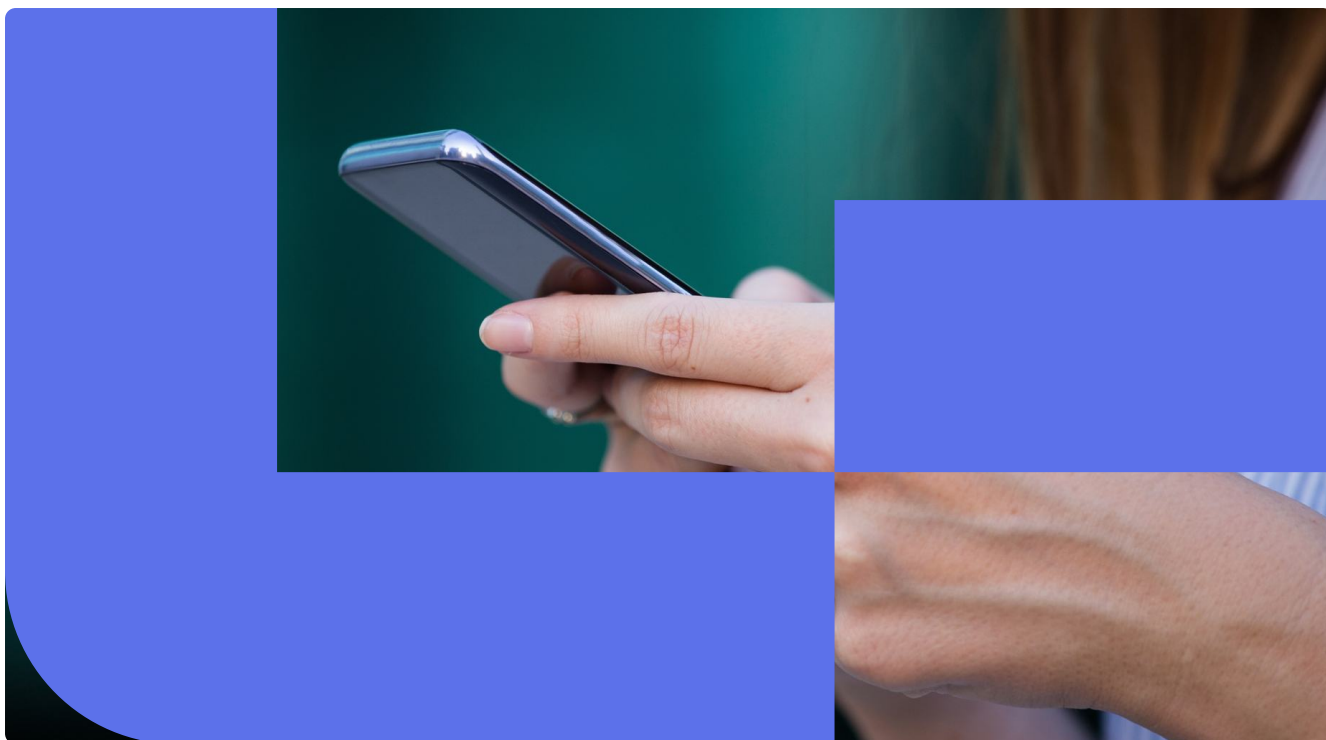
Build38's superior mobile in-app protection technology surpasses traditional RASP. It includes advanced support for cryptographic key management, native data encryption at rest, extensive support for encrypting data in transit, and an innovative secure PIN pad protection solution that shields users from prying eyes when entering confidential digit-only information, such as PINs.

## Active app hardening

Build38 verifies device binding information and individualizes each app through cryptography. Active app hardening significantly enhances protection against various threats, including attacks aimed at extracting app data. It also strengthens the overall security of the entire mobile technology stack, including its backend APIs. In practical terms, only legitimate app instances are authorized to access backend APIs, effectively preventing API abuse and API scraping attacks.

## AI-powered threat intelligence

Build38 utilizes secure connections to continually stream and gather all security telemetry data in a real-time data store. Machine learning subsequently leverages security telemetry data to extract insights into potential threats that might otherwise go undetected when analyzing only on-device data. In particular, the engine eliminates false positives, preventing unwarranted application deletions and preserving a positive customer experience. The data is made available to three exclusive optional cloud-based modules that enable human-supervised, no-code automated, and custom-programmed threat remediation.



# Build38 mobile application security platform

## Protecting mobile businesses better

Build38 is a true game changer, streamlining the process of fortifying your apps against hackers and bolstering backend security. We revolutionize mobile app security by instilling trust in the most vulnerable environments, guaranteeing the safeguarding of app data, backend access, and personal information, all while proactively anticipating and mitigating potential threats. Our integrated, yet modular platform expedites time-to-market for mobile innovations, simplifies regulatory compliance, and fills the gap in cybersecurity expertise.



Banking App Software Leader

CHIEF INFORMATION AND SECURITY OFFICER

>After thoroughly evaluating the top vendors in the mobile app security platform category, I firmly believe that most solutions fall into two categories: they're either highly complex and expensive, both in terms of acquisition and integration, or they are inexpensive but lack completeness and maturity. Build38 distinguishes itself by offering a solution that strikes a balance. It is not overly complex or limited; instead, it is comprehensive, integrated, and fairly priced\_

# Three flexible ways to integrate mobile app self protection



## Build38 master-code protection

Provides your developers with complete flexibility for customizing top-tier mobile in-app protection.



## Build38 no-code protection

Our post-coding framework allows you to protect your app in a matter of minutes



## Build38 low-code protection

Deployed within hours. Provides a seamless transition to master code protection.

## Build38 active hardening

Installed by default, the server hardens all app instances through cryptographic-key-based individualization, and its AI transforms security data into deep threat insights.

## Build38 threat intelligence

Build38 outperforms traditional RASP solutions by augmenting its best-in-class mobile in-app protection with three optional cloud-based threat intelligence modules, for truly superior app security.



## Build38 portal

Our user-friendly web console empowers business teams to maintain constant vigilance and provide intelligence over mobile app security, swiftly addressing all threats.



## Build38 attestation & response

Our user-friendly SaaS interface empowers non-technical teams to set up automated remote security responses and attestations, including real-time attestations of conformity with emerging industry standards such as PCI-MPoC and eIDAS 2.



## Build38 threat intelligence & response APIs

Our documented REST APIs enable backend developers to seamlessly integrate fine-grained mobile detection, intelligence and response actions into your server-side applications.