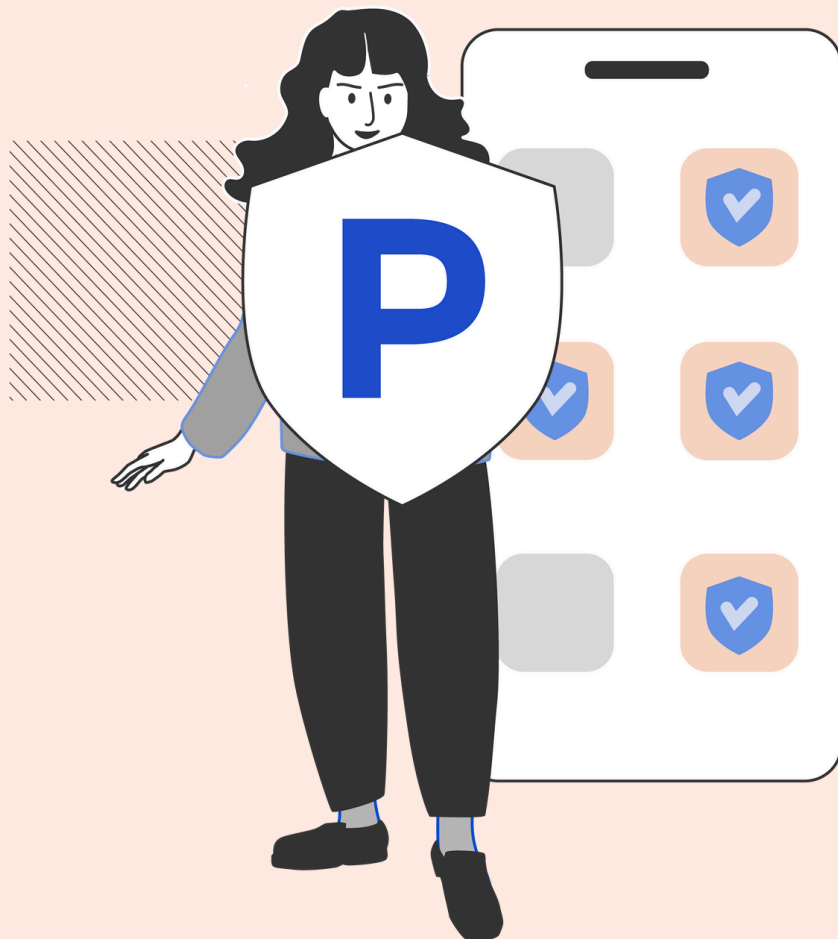# Promon Shield for Mobile™

Protect what you build. Everywhere it runs.

Promon Shield for Mobile™

Promon Shield for Mobile™ delivers always-on, in-app protection that defends Android and iOS apps against tampering, reverse engineering, and malware.

Shield for Mobile integrates post-compile in minutes and operates seamlessly within your build pipeline, protecting your users, data, and IP without changing how you develop. Built for trust, compliance, and speed, it safeguards your apps across every platform, every stack, and every release.

Even if your app runs on untrusted devices, Shield for Mobile ensures it stays protected wherever it operates.

*for mobile apps running on desktop

Operating Systems	Apple macOS*, Apple iOS, Google Android, Google ChromeOS, HarmonyOS, Amazon Fire OS
Development Languages	C, C++, Rust, Java, Kotlin, Objective-C, Swift, Dart
IDE Integrations	Android Studio, Xcode, Visual Studio
Frameworks	React Native, Flutter, Electron
CI/CD Tools	GitHub Actions, Azure DevOps, Jenkins, Maven, Gradle

Why Promon Shield for Mobile™

✓ **Build trust and protect your brand**

Shield for Mobile protects your apps, users, and reputation by preventing tampering, fraud, and reverse engineering, even on rooted or jailbroken devices. It creates a self-defending environment that detects and blocks attacks in real time, hardening app logic and data against unauthorized access. The result is reduced fraud, lower data exposure risk, and stronger customer trust.

✓ **Simplify compliance**

Shield for Mobile enforces runtime protections aligned with major global regulations such as GDPR, PSD2, DORA, and CCPA. It helps you meet mandatory mobile app security requirements and provides verifiable evidence to support compliance audits. With tamper-proof security controls built into your apps, Shield for Mobile minimizes audit complexity, lowers operational costs, and ensures your security posture is demonstrable to regulators and partners alike.

✓ **Security that doesn't slow you down**

Integrate once and stay protected always. Shield for Mobile applies protection post-compile: no code changes, no performance impact. Developers continue building and shipping on time, security teams stay confident, and users experience fast, seamless app performance while advanced protection runs continuously in the background. The result: faster releases, lower maintenance, and zero disruption to innovation.

✓ **Defend AI at runtime**

Shield for Mobile protects on-device AI models and logic from tampering, theft, and manipulation. By safeguarding AI assets during execution, it ensures your app's intelligent features remain accurate, compliant, and resilient, preserving both innovation and trust in AI-driven interactions.

What sets Promon Shield for Mobile™ apart

Shield for Mobile delivers adaptive, real-time protection that evolves with new threats. Our dedicated research team continuously monitors vulnerabilities and updates defenses to ensure your apps stay ahead of attackers.

Always-on protection at rest and at runtime

Shield protects apps throughout their lifecycle, from installation to execution, by detecting and blocking tampering, malware, and injection attempts before damage occurs.

Post-compile integration in minutes

Add enterprise-grade protection after build time with no code changes or workflow disruption, accelerating deployment without adding technical debt.

Works with every tech stack and CI/CD pipeline

Shield for Mobile integrates effortlessly across native, hybrid, and cross-platform environments, including React Native, Flutter, and Electron, making security deployment flexible and scalable.

The unbreakable bond: app and Shield bindings

Shield for Mobile uniquely binds itself to your app. The app depends on Shield to function, meaning that if an attacker tries to remove or disable protection, the app simply stops working. This unbreakable link eliminates repackaging risk and makes tampering impossible.

How it works

Promon Shield for Mobile™ integrates post-compile into your app, wrapping it in multiple layers of defense without altering the source code. It provides continuous protection both at rest and at runtime, detecting and responding to threats like tampering, rooting, jailbreaking, and code injection in real time.

When an attack is detected, Shield reacts immediately based on your configuration, by blocking the threat, exiting the app, or reporting it to your monitoring systems. Behind the scenes, Promon's research team continuously updates protection capabilities to counter emerging attack techniques, ensuring your app security keeps pace with evolving risks.

PROMON

About Promon

Promon leads the way in proactive mobile app security. For 19 years, we've been making the world a safer place by securing any app, on any device—in no time at all. Today, we protect over 2 billion users, secure 13 billion monthly transactions, and safeguard $2.5 trillion in market cap. Promon is headquartered in Oslo, Norway, with offices in more than 15 countries around the world.

Would you like to talk to an expert?

Mobile app security is crucial to preserve and improve your business reputation. Request pricing or talk to an expert to learn more today.

Book a meeting »