GUARDSQUARE
Mobile application protection

An intuitive, unified approach to mobile app and SDK security

Mobile apps face real-world threats such as tampering, cloning, logic abuse, API attacks, and credential theft. Without end-to-end protection, risks compound. A complete, multi-layered approach is the only reliable path to effective mobile app security.



The Solution

Trusted by 1000+ customers protecting apps used by 6+ billion people, Guardsquare gives you confidence in a world where threats are constant, and the unknowns are overwhelming. Incorporate security from the start, improve with every scan, monitor real-world attacks, act on live insights, and ensure app authenticity. Wherever you are in your security journey, we've got you covered through your app's lifecycle.

Comprehensive mobile app security

Secure by design and resilient in the wild, Guardsquare delivers a lifecycle-spanning approach to mobile app security that's both developer-friendly and truly holistic. Guardsquare pairs continuous scanning with the highest level of protection. You will have the power to understand and counter threats through real-time signals and verify app authenticity through attestation, which checks whether an app is real and safe.

www.guardsquare.com

Test, design, protect, repeat

How it works

When your app leaves your hands, it enters a world you can't fully see — one filled with attackers who only need a single weakness to exploit. That's why testing and protection can never be separated. They are a duet, working together to keep your app safe from the moment it's written to the moment it's in your users' pockets.



Guardsquare fits into your development journey the way you need it to. **AppSweep** scans your code and dependencies early, catching accidental mistakes before they become costly risks. Every scan gives your team clear, developer-friendly guidance to strengthen your architecture and reduce the attack surface—because absolute security is built in, not bolted on.



Protection at runtime (RASP) adds an always-on guardian inside your app, detecting threats the moment they appear, while your hardened code and individualized configurations keep your intellectual property, SDKs, and sensitive logic safe from reverse engineering.



Guardsquare combines automated testing with **multi-layered** code hardening—including **advanced obfuscation, encryption, and polymorphic transformations**—to identify vulnerabilities and protect your app with every push, every build, every release within your DevOps workflow.

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Real-time threat monitoring

Every day, your app steps into an environment that changes faster than any security team previously imagined possible. Reverse-engineering tools are now free, guided by step-by-step tutorials. Fraud kits can be bought like subscription services. Attackers chain small SDK flaws into major breaches. And with repackaging, patching, and malicious clones everywhere, your genuine app is no longer guaranteed to be the one your users actually run. This is the new reality, and static defenses alone were not built for it.

Real-time intelligence gives you:

+ **Instant visibility** into how attackers are probing your app—rooted devices, emulators, injection attempts, patching efforts, cloned clients.
+ **Context that cuts through noise** so you understand how an attack is happening, not just that it is happening.
+ **Continuous learning,** feeding insights back into development, fraud scoring, and security policy.
+ **Early warning signals** that spot emerging fraud patterns before they become losses.



ThreatCast turns chaos into clarity

ThreatCast is purpose-built for mobile, connects directly with your Guardsquare protections, and correlates their signals into insights that security, fraud, and engineering teams can act on immediately. Where other tools give you logs, ThreatCast gives you meaning:

+ **Was the attacker on a rooted device?**
+ **Did they try to bypass RASP?**
+ **Is this connected to a wider fraud campaign?**
+ **What's the business impact if we allow this to continue?**

ThreatCast operationalizes all of this, helping you prevent fraud, prioritize threats, protect revenue, and stay ahead of adversaries who evolve daily.

API security ensures only the real app gets in

Now imagine every user opening your app with zero awareness of what's happening under the surface. They shouldn't have to think about security. You should always know your app is real, unmodified, and safe. That's what app attestation delivers. It confirms, in real time:

+ **Is this really your app?**
+ **Is it running on a trustworthy device?**
+ **Has the code been tampered with or injected?**
+ **Is someone trying to impersonate a genuine client?**



With Guardsquare's API security, every transaction, every launch, every interaction is quietly validated. The fake apps, the patched apps, the cloned apps, they're stopped before they ever touch your backend. This is the level of assurance modern mobile ecosystems demand: If the app isn't real, it doesn't get in.

DexGuard iXGuard

+ **Best-in-class protection** safeguards your Android, iOS & hybrid apps and SDKs without affecting performance
+ Shortens time to market through **seamless integration**
+ **World-class support** from experienced mobile app security experts

AppSweep

+ **Find security issues early** in the development process with actionable recommendations
+ **Verify your security posture** against OWASP MASVS and MASTG requirements
+ **Integrates with your DevOps toolchain** to ensure continuous security checks

ThreatCast

+ **Gain insights into real-world attack vectors** and efficiently detect suspicious activity
+ **Enhance your security configuration** with actionable insights
+ **Optimize response to runtime analysis** and live attacks using objective real-time threat data

API security

+ **Ensure only genuine apps** can access your APIs
+ **Block bots and API abuse** in real time
+ **Adapt security policies instantly,** no app updates required

Guardsquare offers the most complete approach to mobile application security on the market, delivering the highest level of protection, with ease. Guardsquare integrates seamlessly across the full development cycle, from mobile app security testing and code hardening to real-time threat detection and API security. Guardsquare provides enhanced mobile application security across the entire development process.

More than 1000 customers worldwide across all major industries rely on Guardsquare to help them identify security risks and protect their mobile applications and SDKs against reverse engineering and tampering in the ever-evolving threat landscape. Learn more at **www.guardsquare.com**