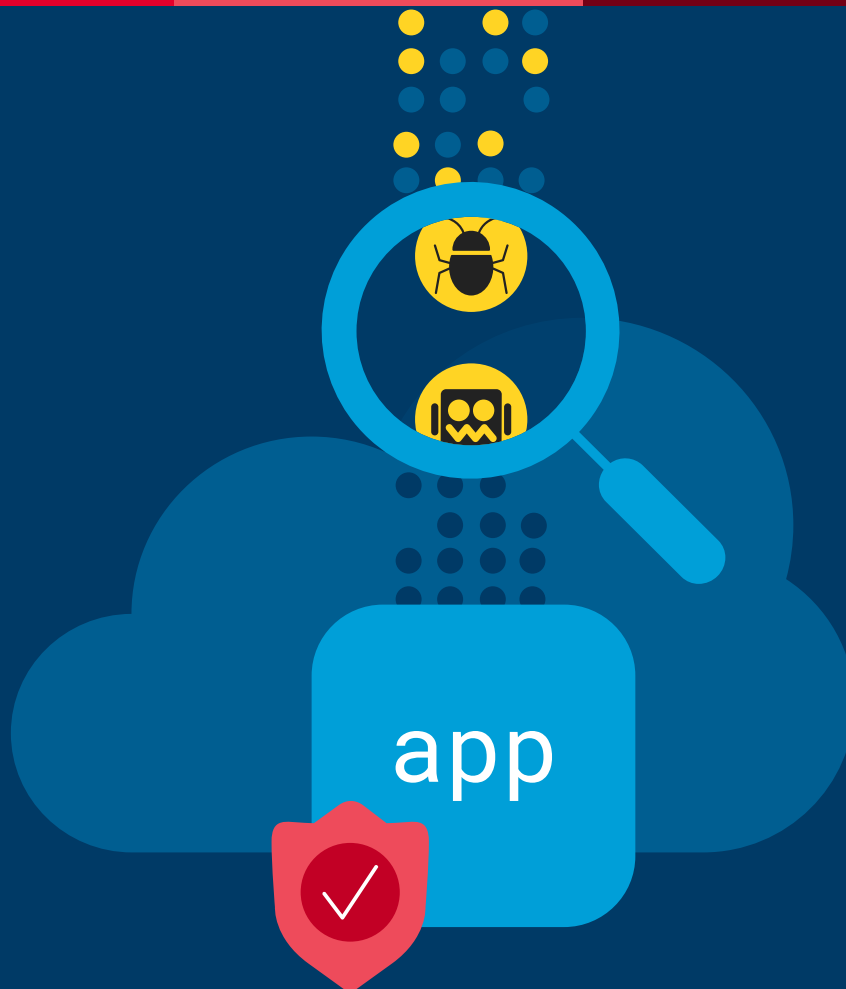




Mobile App Security Suite from F5 Distributed Cloud Services

Deploy the Mobile Security Suite to protect your mobile apps from data breaches and compliance violations caused by malware, tampering, repackaging, and bots. You can harden your mobile apps and block in-app threats without impacting customers.



Exploding Mobile App Usage Makes Mobile App Security Critical

KEY BENEFITS

Reduce security risk

Prevent mobile app repackaging, in-app tampering, malware, and bad bots.

Meet rigorous compliance standards

Meet compliance requirements for privacy (CCPA, GDPR), payments (PCI-DSS, EMVCo SBMP, PSD2), and health (HIPAA).

Deploy and scale rapidly

Leverage our low-code integration technology to deploy and scale 3x faster than manual deployments.

61% OF THE 400 MOST-USED ANDROID FINANCE APPS ARE VULNERABLE TO REPACKAGING ATTACKS.²

App store spending on iOS and Android is set to eclipse \$300BN by 2025¹ and attackers have taken notice. They will decompile and repackage your mobile apps, use malware, inject scripts, and use overlay attacks to steal customer data, commit fraud, and steal sensitive in-app data—such as credentials, API keys, and intellectual property.

To avoid web defenses, attackers pivot bad bot attacks like credential stuffing, account takeover, and scraping to your APIs and backend infrastructure via mobile channels.

In addition to data breach risk, you need to ensure you have a solution in place that will ensure you can meet rigorous compliance standards that are constantly evolving.

KEY FEATURES



Mobile app hardening

Prevent repackaging with sophisticated code-obfuscation and dynamic app binding technology.



Pro-active in-app protection

Block tampering and other runtime threats (ex: overlays and hooking frameworks), including on jailbroken/rooted devices, with Runtime Application Self-Protection (RASP) and malware behavior detection.



Secure applications

Deliver the most effective protection with integrated, one-pass, full stack (L3–L7) security, including an ICSA Certified firewall, high-capacity distributed denial-of-service (DDoS) mitigation, contextual access management, and more.



White-box cryptography

Stop unauthorized third-party data exfiltration and man-in-the-middle attacks.



Pro-active bot defense

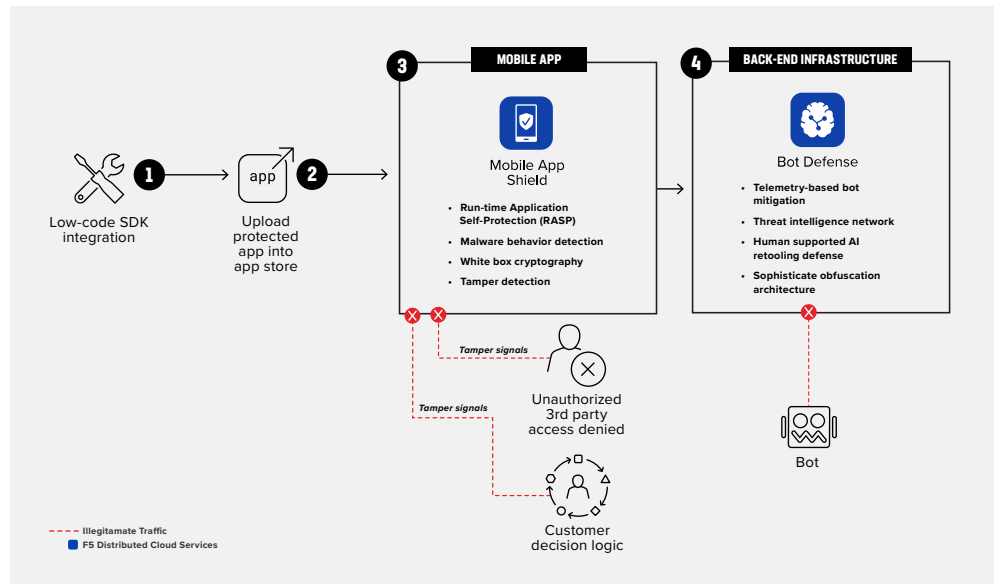
Block bots with human supported AI and telemetry that adapts to attacker retooling.



Low-code deployment technology

Integrate our SDK in a low-code manner with dynamic app binding to streamline deployments.

Figure 1: Protect mobile apps from repackaging, tampering, and bad bots



Prevent Repackaging, Tampering, and Bad Bots with Mobile App Security Suite

IN TOTAL, FIRMS SPEND ALMOST \$15 MILLION ON THE CONSEQUENCES OF NON-COMPLIANCE. THAT'S 2.71 TIMES HIGHER THAN WHAT FIRMS TYPICALLY PAY TO STAY IN COMPLIANCE BY BUILDING STRONG COMPLIANCE PROGRAMS.³

The Mobile App Security Suite from F5 Distributed Cloud Services blends mobile app shielding and bot defense. You get sophisticated obfuscation, malware behavior detection, cryptography, mobile RASP, and bot defense. You can lower mobile app security risk that leads to compliance violations, financial loss, data leakage, fraud, customer churn, and reputational harm without impacting customers.

In addition, you can demonstrate your mobile apps are tamper-resistant and constantly monitored so you can meet mobile compliance requirements for payments (ex: EMVCo SBMP, PSD2, & PCI) privacy (GDPR & CCPA), and healthcare (HIPPA). Finally, you can reduce management overhead and accelerate time-to-value with low-code technology for deployment and management.

IN FACT, ANY APPLICATION WHICH MAKES USE OF WEBVIEW IS LIABLE TO HAVING THE USERS' CREDENTIALS AND COOKIES STOLEN.

-Excerpt from MaliBot report.⁴

Conclusion

The popularity of mobile continues to grow dramatically, creating opportunities to engage customers and generate revenue. However, as more value is stored and transacted on mobile apps, more bad actors will look for ways to capture that value. In addition, you face rigorous and ever-evolving compliance standards centered around privacy, payments, and health data.

The Mobile App Security Solution from F5 Distributed Cloud Services is designed to help you reduce your attack surface by eliminating threats like tampering, repackaging, and bad bots. The solution will help you meet the various compliance standards you must adhere to. You get innovative low-code technology that accelerates your time-to-value, lowers management complexity, and maximizes ROI.

Visit the [Mobile App Security Suite](#) page to find out how F5 products and solutions can enable you to achieve your goals.

View [demo](#) about Protecting Your Native Mobile Apps with F5 XC Mobile App Shield.

¹ Jack Flynn, 40 Fascinating Mobile App Industry Statistic [2023]: The Success of Mobile Apps in the US, found at <https://www.zippia.com/advice/mobile-app-industry-statistics/>

² Promon's App Threat Report: Q4 2022).

³ Ascent Team, The Not So Hidden Costs of Compliance, found at <https://www.ascentregtech.com/blog/the-not-so-hidden-costs-of-compliance/>

⁴ F5, F5 Labs Investigates MailBot, found at <https://www.f5.com/labs/articles/threat-intelligence/f5-labs-investigates-mailbot>

