



Unparalleled Visibility Across Your Modern Mobile Application Ecosystem

Mobile applications have seen an unprecedented rise and are now in the lead for applications projected to have the most impact on business success by 2020. Users of mobile web-based apps and native mobile apps has been increasing at a rapid rate, surpassing desktop users. Consumers have become more dependant on their mobile devices and use them repeatedly to purchase items, access their medical records and do on-line banking. BYOD has enabled businesses to allow employees to use their personal devices to access business data and applications at work. Securing these native mobile applications against attacks and potential data breaches is now equally important as securing your websites. For businesses to develop an effective security program, it is essential that security be top of mind and built into the mobile application development and operations ecosystem.

Sentinel Mobile

WhiteHat Sentinel Mobile is a software-as-a-service (SaaS) platform that enables your business to quickly deploy a scalable mobile application security program. No matter how many mobile applications you have or how often they change, Sentinel Mobile can scale to meet any demand. WhiteHat Sentinel's cutting-edge mobile application security testing combines dynamic and static automated scanning as well as manual mobile application-layer penetration testing by the expert security engineers of our Threat Research Center (TRC). Whether your focus is a critical need demanding quick scan results of a finished application, or continuous scanning to catch vulnerabilities earlier in development, or even a business logic assessment to satisfy compliance requirements, we have you covered.



Reduce your risk of a breach by identifying and eliminating critical security vulnerabilities across your mobile application ecosystem with on-demand application security testing.



SENTINEL MOBILE SE
Standard Edition

Fast Results for Production

- » Language agnostic and supports iOS and Android platforms
- » On-demand retests to confirm vulnerabilities have been fixed
- » Analysis of developer-signed binaries and mobile-optimized websites
- » Fast and effective for production-ready applications



SENTINEL MOBILE BLA
Business Logic Assessment

Uncover Flaws in Business Logic

- » In-depth manual assessments
- » Covers mobile tests in regards to Dynamic, Static, and Behavioral tests
- » Remediation guidance available for each finding
- » Verified, actionable results with near zero false positives

Vulnerabilities and Concerns

Sentinel Mobile scrutinizes a wide variety of vulnerabilities and privacy concerns on client, server, and network interaction including but not limited to the following:

Configuration Settings	✓
Binary Analysis	✓
Anti-Analysis	✓
Jailbreak / Root Detection	✓
Authentication / Authorization	✓
Session Management	✓
Cryptography	✓
Data Handling	✓
Data Storage	✓
Handling of Personal Information	✓
PII Protection	✓
Certificates and Cryptography	✓
Server-Side Controls	✓
Information Leakage	✓
XSS and SQL Injections	✓

Supported Vulnerability Coverage

Sentinel Mobile provides complete coverage and support for OWASP Top 10 for Mobile Application Security Testing.

- **M1 - Improper Platform Usage**
- **M2 - Insecure Data Storage**
- **M3 - Insecure Communication**
- **M4 - Insecure Authentication**
- **M5 - Insufficient Cryptography**
- **M6 - Insecure Authorization**
- **M7 - Client Code Quality**
- **M8 - Code Tampering**
- **M9 - Reverse Engineering**
- **M10 - Extraneous Functionality**

What Makes Sentinel Mobile Unique?



Easy to deploy, concurrent and scalable

Sentinel Mobile is an easy to deploy and highly scalable Cloud-based SaaS platform which can concurrently scan an unlimited number of mobile applications at high speeds and with high accuracy. It is scalable to fit any environment and matches pace of your development.



On-demand Mobile Application Security Testing

Implement client-side code, server-side code, and third-party library analysis to quickly and systematically find and fix security vulnerabilities in your mobile applications, without the need for source code.



Role-based reports, analytics and dashboards

Our reporting is tailored to fit the roles and needs of DevOps, IT Security, and Executives. Users at any level in the organization can gain deep visibility into their risk exposure with advanced data analytics and intelligence.



Metric-based risk reduction

Track the number of flaws found and remediated, ensuring policy compliance and an accurate knowledge of mobile risk and severity.



High accuracy results with near-zero false positives

Our Threat Research Center (TRC) security experts configure scans that significantly improves accuracy of the results.



Comprehensive language and platform support

Sentinel Mobile's language agnostic approach enables support for a variety of coding languages for native and web-based mobile applications as well as support for popular Android and iOS platforms.



Business Logic Assessments

Deeper application layer penetration testing to find complex business logic vulnerabilities and data leakage that cannot be discovered by scanners alone.



Application Security is Vulnerability Management

You know you need to secure your entire application exposure surface as part of your vulnerability management program. WhiteHat Sentinel platform provides structure and reinforcement to help connect corporate goals, mandates, and policies for application security testing. We integrate training and education to help developers, testers, and operational teams to develop secure applications from inception to deployment. Let the WhiteHat Sentinel Platform help you produce secure applications, faster.