

NowSecure AUTO *At-a-glance*

NowSecure AUTO is a cloud-based, fully automated mobile application testing solution that snaps easily into your existing agile mobile development lifecycle. AUTO is used by security, QA and development teams to rapidly certify mobile application security during build cycles, prior to final release and based upon the attributes most important to each organization.

Powered by an aggressive attacker point of view our advanced testing engine drives static, dynamic and behavioral testing of iOS and Android mobile apps, enabling NowSecure to deliver the fastest and most accurate analysis of mobile application security, compliance, and privacy risks.

ADVANTAGES:

- Collapses mobile appsec testing time from days and hours to minutes.
- Delivers the highest quality, deepest analysis with near zero false positives.
- Enables fast resolution by pinpointing issues and providing detailed remediation instructions.
- API automation and easy integration into CI/CD systems.

Get Deep, Accurate Mobile App Security Analysis in Minutes

Security teams recognize that all apps can expose sensitive data-at-rest, leak data-in-transit, harbor vulnerable 3rd party code and potentially violate privacy or compliance mandates. While SAST and DAST are well entrenched in the world of web apps, experienced security analysts understand that mobile is more complex and better, mobile-focused tools are required to address the unique architecture of mobile operating systems.

Mobile has dramatically accelerated the pace of development to weekly/daily releases or even continuous integration/continuous deployment (CI/CD). Security organizations struggle to keep up with limited mobile app security testing tools and resources, resulting in release delays, back ups in software development life cycle, overworked security teams, and/or premature deployment of risky, untested vulnerable mobile apps. Ultimately, the organizations require a continuous, scalable approach for testing the security, compliance and risk of mobile apps.

NowSecure AUTO delivers fast, automated mobile application testing, with the deepest, most accurate results available in just minutes. Whether running on-demand or in CI/CD mode, the NowSecure automated test engine unleashes thousands of tests across security, compliance and privacy vectors, so organizations can find and fix more vulnerabilities faster. With NowSecure AUTO, security, development and QA teams can confidently minimize risk while maximizing mobile application security testing throughput.

Beyond static mobile source code scanners and webapp testing tool extensions to mobile, NowSecure AUTO provides:

Genuine static, dynamic & behavioral binary analysis for both iOS & Android apps

Assessing an app from the attacker's point-of-view on real iOS and Android devices – not emulators – provides deeper dynamic and behavioral analysis of app binaries.

The most accurate security testing and analysis of mobile apps available in the industry

Sophisticated automation and intelligence drives better quality insights and near-zero false positives.

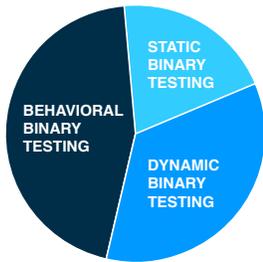
Detailed findings & recommendations using industry standards for quick resolution

Comprehensive standards-based findings mapped Common Vulnerability Scoring System (CVSS) with explanation context and detailed remediation recommendations.

Robust, detailed reporting mapped to common compliance regimes

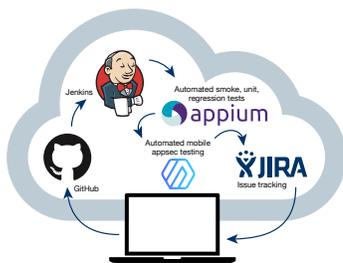
Findings include mappings and reference details to common regulatory standards of OWASP, NIAP, FFIEC, PCI DSS, HIPAA, GDPR, CWE, and more.

OnDemand and Continuous Testing of Mobile Apps on iOS (.ipa) and Android (.apk)



- API Static Binary Analysis: analyzes binary post-compilation to discover vulnerabilities including those in third-party libraries.
- Dynamic Binary Analysis: observes the dynamic binary at runtime to discover vulnerabilities within the app.
- Behavioral Binary Analysis: attacks binary and network environment to discover vulnerabilities within the app with near zero false positives.

- Pinpoint risks like insecure data-at-rest, insecure data-in-motion, man-in-the-middle, exposed credentials, privacy leaks, known vulnerabilities, and more.
- Prioritized security, privacy, and compliance findings by industry standard CVSS scores.
- Empirical, consistent testing and evidence for reliable, reproducible, hyper-accurate results.



- SaaS solution includes NowSecure Test Automation Engine with remote iOS and Android devices fully managed by NowSecure.
- OnDemand web-based instant access for test runs any time.
- RESTful API for integration into SDLC lifecycle and existing tools such as JIRA, Jenkins, CircleCI, Github, etc.

How It Works

1. 1-click upload or API call to NowSecure AUTO cloud service to load mobile app binary.
2. If needed, perform one-time config with UID/PWD and keywords to automatically search for app specific information throughout testing process.
3. NowSecure AUTO then downloads the apps onto real iOS or Android devices.
4. The NowSecure AUTO engine runs a comprehensive barrage of security, privacy, and compliance tests and checks against the apps through fully automated static, dynamic, and behavioral analysis in minutes.
5. The test results from NowSecure are shown on screen, and can be exported in PDF or JSON formats.
6. Test results are archived in NowSecure AUTO database for historical analysis and reference.

Step towards Agile Mobile AppSec Testing with NowSecure AUTO

Book a demo:
bit.ly/2vPE6c6



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 Phone: (312) 878-1100
 Twitter: @NowSecureMobile
 LinkedIn: www.linkedin.com/company/nowsecure/

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Only the NowSecure Platform delivers automated 360-degree coverage of mobile app security testing **8X faster** and **3X deeper** than any alternative. The world's most demanding organizations and advanced security teams **trust** NowSecure to identify the broadest array of security, privacy, and compliance gaps in custom, 3rd-party, and business-critical mobile apps.