

NowSecure Platform

One Portal, Purpose-Built for Integrated Mobile App Security and Privacy Testing

NowSecure Platform Solution Highlights

- Test Pre-Prod and/or Published [iOS & Android] Binaries
- Testing on Real Mobile Devices
- CVSS-Standards-Based Security Score
- SDLC Plugins & Restful APIs
- Remediation Instructions
- Advanced Customization Features
- Richly Formatted Reporting
- Role-Based Access Controls
- Near Zero False Positives
- On Prem & Cloud Offerings
- Monitoring & Alerting Options
- Expert Professional Services

"Dev said they wanted 10 mins or less, accurate results, no false positives, and complete automation. By meeting these requirements with NowSecure, we now have visibility and are fully automated into every build."

Director App Security
Fortune 100 Financial Services Company

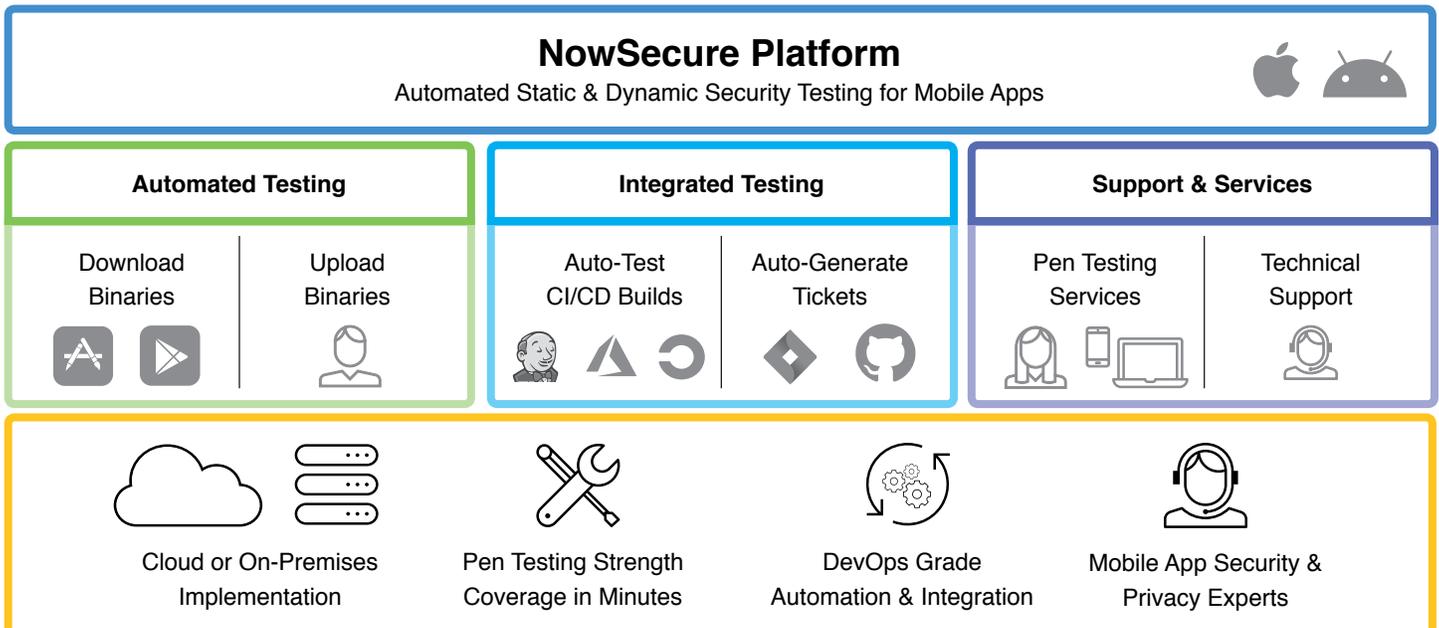
The NowSecure Platform centralizes and streamlines modern mobile app security and privacy testing within one, easy-to-use portal. Purpose-built for mobile app DevSecOps, the NowSecure Platform provides fully automated static and dynamic security testing, which can be integrated directly within the mobile app software development life cycle (SDLC). The solution is customizable and flexible, empowering mobile app Security and Development teams to:

- Scale security by executing rapid automated static and dynamic



analysis of Android (.apk) and iOS (.ipa) binaries on real devices, completing full-coverage assessments in minutes.

- Maximize visibility across teams, with multiple ways to upload binaries and publish test results to keep everyone on the same page and surface info within the tools they know best.
- Connect directly to NowSecure mobile app security and privacy experts who can answer questions and provide expert pen testing services when needed.





How it Works

No source code is required to get started, simply upload a compiled mobile binary from your development team via web, API or CI/CD Plugin or download a binary from the Google Play™ or Apple® App Store®. Once the .ipa or .apk is loaded, leverage built in app configuration wizards to add test credentials, search terms, and actions as needed to customize depth of coverage, then run the fully automated static and dynamic analysis. NowSecure Platform assessments typically complete in minutes, fitting the speed demands of Agile and DevOps software development timelines. Throughout the implementation process, NowSecure Services and Support are fully engaged, providing standard configuration, training, API consultation, and technical support to ensure successful deployment.

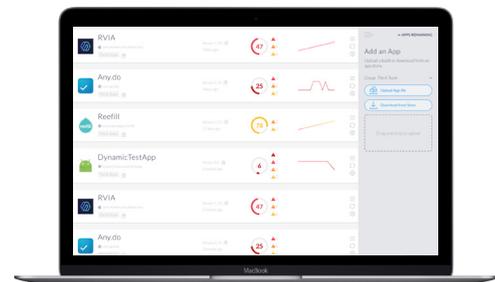
The NowSecure Platform ensures team visibility, including role-based access controls which allow admins to grant individual user privileges across dev, security, risk, compliance, and management and customizable alerts to notify teams of test status and alert if new vulnerabilities present.

Additionally, NowSecure has developed several SDLC plugins which enable out-of-the-box integration into popular CI/CD build tools, like [Cloudbees Jenkins](#), [Microsoft Azure DevOps](#), and [CircleCI](#), issue tracking systems like Jira and vuln management like Brinqa. This integrated approach means developers don't need to learn how to use no tools and can avoid friction in the workflow. The ability to conduct security and privacy testing directly within the existing SDLC toolchain helps to scale performance of the pipeline while building trust across the organization.

Testing Methodology



The NowSecure Platform is powered by the proprietary, automated NowSecure Analysis Engine. This leading-edge technology leverages best-in-breed tools from the open source community and proprietary solutions developed the NowSecure Research team. NowSecure Research includes elite mobile app security experts, such as the creators of open-source tools like Frida, a dynamic instrumentation toolkit, and Radare, a reversing framework — both popular globally and included in almost any mobile app security professional's pen testing toolbox.



A key differentiator of the NowSecure Analysis Engine is the ability to execute pen testing-strength automated dynamic security and privacy testing on real mobile devices, not emulators. Mobile Dynamic App Security Testing (DAST) examines the mobile binary during runtime and monitors memory, storage and network communications to determine whether they're properly secured. Additionally, mobile DAST checks for proper API implementations and investigates whether sensitive data, such as login credentials are stored unencrypted

locally or sent unencrypted over the air. This unique approach enables the NowSecure Platform to exercise the mobile app the exact same way an attacker would, navigating the mobile attack surface to pinpoint and validate vulnerabilities. The depth of this attacker point-of-view approach results in full coverage of the mobile attack surface with near zero false positives.

Given what cannot be measured, cannot be managed, NowSecure Platform also provides an aggregate Security Score with every assessment to aid in setting a risk baseline and so improvement can be tracked over time. Each individual vulnerability is measured using [CVSS](#), a universal, open and industry standard method for rating risk and security vulnerabilities.

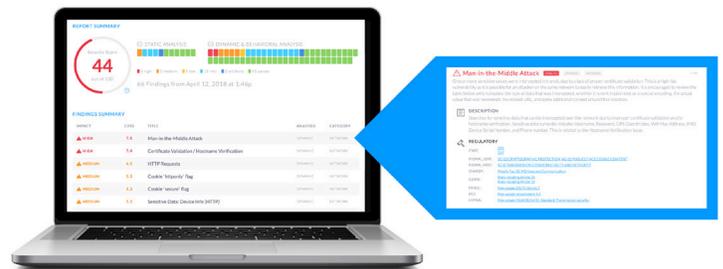
Robust Results

NowSecure Platform assessment results may be exported to PDF and/or pushed via API integration into issue ticketing systems, like [Atlassian Jira](#) or [Github](#), or third-party vulnerability dashboards, like Brinqa. Assessments are richly formatted and customizable, including:

- Single unique CVSS-based risk score to instantly identify and track risk of the mobile app for each test
- Finding details with a short description of the finding, and standards-based CVSS severity rating, with options to edit or hide findings and add notes as needed.
- Full record of screenshots of the mobile app, taken by the NowSecure Analysis Engine during the automated assessment.
- Developer remediation instructions for each Finding, including code explanations and applicable code snippets.
- Regulatory compliance for each finding mapped to applicable compliance regime and testing standard including OWASP Mobile Top 10, NIAP, FFIEC, GDPR, PCI and HIPAA with direct links for further information.

- Key informational elements that may not be vulnerabilities such as all IP addresses accessed during test runs, app android permission requests, and more, but are important to understand.
- Relevant artifacts like automation info, hardcoded urls, and file listings.
- All testing data available via Restful API and JSON for integration into systems as needed

NowSecure Platform includes aggregate, findings-level, and app-level dashboards which provide an executive understanding of the mobile app portfolio health and enable visibility into trends over time.



Standardize. Scale. Accelerate.

NowSecure Platform is tailored to meet the unique needs and complex infrastructure of modern mobile SDLC programs, providing mobile app security and privacy solutions that are continuous, customizable, accurate, and keep pace. Testing at scale enables the business to meet rapidly evolving mobile business needs while helping build bridges across teams accountable for the success of mobile development, security, and compliance programs. Given time and resource constraints, the NowSecure Platform provides organizations the ability to rapidly deploy repeatable mobile app security programs with measurable results.



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Only NowSecure delivers fully automated mobile app security testing software with speed, accuracy and efficiency for Agile and DevOps initiatives. Through static, dynamic, behavioral and interactive mobile app security testing on real Android and iOS devices, NowSecure identifies the broadest array of security threats, compliance gaps and privacy risks. NowSecure customers can choose automated software on-premises or in the cloud, expert professional penetration testing and managed services, or a combination of all as needed. Visit www.nowsecure.com for more information.