

NowSecure Workstation

At-a-glance

NowSecure Workstation is a pre-configured hardware and software vulnerability and penetration testing kit built for the most advanced assessments of Android and iOS mobile apps. Point and click automation, integrated configuration management, and built-in customizable report generation compresses testing time from days to hours while ensuring deepest coverage, with full repeatability.

ADVANTAGES:

- On-premises, automated penetration testing for commercial, internally developed, or outsourced mobile apps.
- Runs on real devices, not emulators.
- Slashes manual testing time from typical 1-2 weeks to just 1-2 hours.
- Near zero false positives with world's deepest binary testing (static, dynamic, behavioral, interactive).
- Combines leading open source tools (including Frida, Radare) with a battery of proprietary tests from NowSecure's elite mobile app security research team.
- Easy to use interface with built in testing wizards, customizable preferences, reporting editor, and more.

The Gold Standard of Mobile Application Security Penetration Testing

Mobile security professionals are tasked to quickly conduct thorough security analysis on business-critical and high risk scenario mobile apps. Traditionally, analysts must cobble together numerous open source and third party tools for results; however, combining and configuring these tools takes significant time, creates inconsistent testing environments and offers little in the way of unified reporting. Unfortunately, this approach often takes weeks to complete a single assessment, delaying releases and negatively impacting agile development schedules.

NowSecure Workstation is purpose-built for mobile security analysts, helping achieve rapid, full depth testing coverage by automating best of breed mobility open source tools and proven, proprietary testing methodologies. Analysts are in full control and can conduct step-by-step interactive testing, pausing as needed to dig into individual units within those tests, like device memory or packet data, or interactively test multi-factor authentication, mobile apps with IOT, and USB/Bluetooth connected equipment. Pre-formatted and customizable reporting options are included to immediately share results across multiple stakeholders after test completion.

NowSecure Workstation turns analysts into mobile application security experts, overnight

Increased speed, reduced human error, repeatable testing

Rather than fighting test harness and OSS/scripting configurations on each test run, automation helps build repeatable process that includes unified testing environments, security standards, and reporting guidelines.

Vulnerability location and detailed remediation instructions

Detailed remediation instructions show exactly where vulns or risk issues are located and how to fix them.

Advanced customization options allow analysts to continue to leverage existing tools

Analysts can use additional tooling (eg. NMAP, Androguard, etc), advanced code testing using the remote shell, etc to ensure relevant results.

Robust, detailed reporting mapped to common compliance regimes

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

3rd Party App Testing

In addition to testing your own apps, NowSecure Workstation lets you test any app available in the iOS or Android app marketplaces.

Deep, Continuous, Customizable testing of iOS (.ipa) and Android (.apk) Mobile Apps

- Static Binary Testing: analyzes the binary post-compilation to discover vulnerabilities including those in third-party libraries.
- Dynamic Binary Testing: observes the binary at runtime to discover vulnerabilities within the app.
- Behavioral Binary Analysis: attacks the binary & network environment to discover vulnerabilities within the app.
- Interactive Binary Analysis: auto-injects into 'debug' app binary to dynamic/behavioral test from inside on jailed device for immediate testing on new iOS releases.

Status	Item	Section
MEDIUM RISK	App Transport Security Disabled	Code
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MEDIUM RISK	Found Username (Application Files)	Forensics
MEDIUM RISK	Found Password (Application Files)	Forensics
MEDIUM RISK	SSL Check	Network
LOW RISK	Found Username (Keychain)	Code
LOW RISK	Found Username (Keychain)	Code
LOW RISK	Snapshot found	Forensics
LOW RISK	Certificate Pinning Check	Network
LOW RISK	Search Terms Found (Certificate Pinning)	Network
PASS	OpenSSL CCS Vulnerability	Code
PASS	Heartbleed Vulnerability	Code

- Findings ranked by severity and risks using CVSS scores
- Mapped to CWE information, NIAP criteria, FFIEC, GDPR, PCI, HIPAA and other industry regulations.
- Easy-to-understand instructions for dev and security pros to remediate issues quickly, before deployment.
- Customizable reporting options available

How It Works

1. NowSecure Workstation is a fully provisioned kit including a MacBook Pro, an iOS device, an Android device and a WiFi dongle.
2. Simply connect a device and load the application, create a project, select the mobile app and begin the assessment.
3. Proceed through the intuitive setup wizard to setup a WiFi network and create search terms relevant to the application. Then start a test.
4. The user has full control to review, modify and comment on the results under network, forensics, code and advance tabs.
5. Reporting is automatically generated reports are customizable and include vulnerability descriptions, CVSS 3.0 scoring, remediation recommendations, and regulatory mappings such as PCI, CVE, CWE, NIAP, GDPR, OWASP Mobile Top 10.



Boost Productivity and Efficiency with NowSecure Workstation

Reduce your mobile appsec testing time from weeks to <1 hour - book a demo to see how it's done!

Book a demo:
bit.ly/2Kk7sm6



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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.