

NowSecure Services

At-a-glance

Enterprises and agencies walking the tightrope of rapid, agile mobile app development, BYOD and a constantly-changing mobile threat landscape, turn to the NowSecure team of expert analysts, engineers and researchers for the deep, accurate mobile application security assessments and consulting services. Our elite team of security professionals can swiftly triage urgent testing needs, provide expert training, and share best practices guidance to optimize your mobile appsec testing program.

ADVANTAGES:

- Access to world's best and brightest mobile security professionals sponsoring open-source tools, such as Radare2 and Frida.
- Ship mobile releases faster through outsourced penetration testing you can trust.
- Expert consultation of latest, most relevant secure mobile app development best practices to accelerate and improve your mobile appsec testing program.
- Leverage expert third party NowSecure certified assessments and branding to emphasize safety of your mobile apps

Elite, industry-leading team of mobile application security experts

NowSecure mobile security experts recognized early on that mobile apps were often the source of vulnerabilities and data leakage and set about building expert services and products to address these failings. Our passionate team has remained at the forefront of mobile appsec security via industry-leading research, open-source sponsorship and continuous exploration of mobile risks, threats and vulnerabilities. Our customers span those newer to mobility, to the most complex, demanding use cases across government, finance, healthcare, transportation, energy and more.

Below provides an idea of the breadth of services available from NowSecure, with customization options available to meet the diverse needs of organizations at every stage of the mobile appsec testing journey.

NowSecure Services					
Deploy	Measure	Assess	Certify	Improve	Innovate
Onboarding & Training		Penetration Testing		Mobile AST Program Development	
<ul style="list-style-type: none"> • Product Onboarding • Quarterly / Annual Refreshers • Ad Hoc Training • Developer Best Practice Training • Customized Sessions 	<ul style="list-style-type: none"> • Internal Data Storage • Authentication & Authorization • API and Web Services Analysis • Reverse-Engineering/Code Analysis • 3rd Party App Certification • Remediation Testing 	<ul style="list-style-type: none"> • Security Program Assessment • Secure Development Requirements • Documentation Creation • App Threat & Security Updates • Ask the Expert Sessions 			

NowSecure Onboarding & Training

Onsite and remote onboarding services

The NowSecure team offers both onsite and remote onboarding services to get you off and running, many times in less than a day. Our team is highly flexible and available for questions throughout and after deployment to ensure successful adoption and everyone feels comfortable with the solution moving forward.

Recurring, annual refresher and ad hoc training options

Given our products advance regularly and all organizations experience employee turnover or add new team members year-after-year, NowSecure offers product SME-led refresher training available quarterly, annually, or as needed to keep security and development teams' knowledge fresh.

NowSecure Penetration Testing

NowSecure managed penetration testing services deliver comprehensive assessments with detailed, vetted findings that are second to none. Our assessment includes both authenticated and non-authenticated testing which accurately models real security challenges analysts face, like uncovering recoverable artifacts after authentication, sensitive data encryption and weak cipher protocols.

The table below highlights a few key areas our teams focus on during pen testing.

Data at Rest	Forensic data recovery ensures sensitive data is not stored anywhere on the device, including private app folders, system log files, memory, keychain, and SD card.
Network Analysis	A full array of network analysis is performed to ensure the mobile app is properly encrypting data in transit, performing proper certificate validation, and pinning to prevent man-in-the-middle attacks over the network.
Reverse Engineering	This includes reverse engineering the apps, identifying areas of weakness in the code, and attempting to modify the applications to make it behave in an unintended manner.
Web Services & API Analysis	This analysis ensures that communications between web services, APIs and backend servers are secure.

Note: This is not an exhaustive list.

In our deliverable report, findings are coupled with recommendations to remediate security issues. We are available after report delivery to answer questions during the issue resolution process and to conduct re-tests to ensure the vulnerability has been fully resolved.

NowSecure mobile application security certification program

NowSecure offers a public certification program for applications meeting the high security standards tested in our mobile application security assessment. The certification assures users that the application properly implements security measures and handling of sensitive data. Once the app certification process has successfully completed, NowSecure will add the app to our list of [certified mobile applications](#).

NowSecure Mobile AST Program Development

The NowSecure tenured team of mobile appsec professionals are always available to assist customers as they seek to design, build or improve their mobile appsec testing program. We work in concert with customers to understand goals, requirements and capabilities, then customize the right mix of services to promote mobile AST best practices, optimize workflow and meet industry regulatory requirements.

Mobile program security consultation

The most effective security programs are collaborative and search out insight from subject matter experts across the cybersecurity threat landscape. NowSecure is frequently relied upon to be the mobile application security SME in partnership with customers seeking to improve current processes or build new ones. Our specialists are available for onsite engagements to partner with executives, analysts, developers and DevOps teams to assess the overall effectiveness of current mobile appsec tools and approach.

Secure mobile development best practices training documentation

NowSecure can create customized, secure mobile app development documentation and conduct training to enable your organization to master best practices in secure mobile app development coding and processes. This education-driven approach helps raise security IQ and skill sets of developers to proactively avoid exposure of sensitive user or application data before apps move out of build process into production. The secure mobile app dev documents will be regularly maintained and updated by NowSecure on a quarterly basis as new mobile vulnerabilities are identified and as new mobile OS versions and developer frameworks are released.

Expert hosted training covering mobile app security updates, threats, FAQ's, and more!

Want to drive awareness of mobile application security within your organization? Curious about what's new in the mobile threat landscape? Looking for fresh topics to aid in security team professional development? NowSecure is happy to provide one of our mobile subject matter experts to present and field questions on your mobile security topic of choice.



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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, interactive and API 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/or managed services, or a combination of all as needed.