

Mobile Application Security Assessment

Smartphones have not only changed how we conduct business and interact with people, but also how we need to protect our business and users. Mobile applications are a necessary and convenient way to interact with others, but they introduce an additional means through which attackers can gain access to your business's sensitive data and network infrastructure.

Sword & Shield Enterprise Security partners with you through our Mobile Application Security Assessment service to empower you to offer secure mobile applications.

Following the OWASP Application Security Verification Standard, our certified GIAC Mobile Device Security Analysts apply their depth and breadth of information security and compliance knowledge to provide a detailed security analysis of your Android, iOS, or Windows phone- or tablet-based app.

Thorough Analysis

Sword & Shield employs a combination of commercial tools, public domain utilities, proprietary tools, and manual testing techniques based on our extensive experience to provide the most thorough assessment possible. In addition, our mobile app security assessment includes a penetration test to determine if the protective controls of the target can be bypassed.



Learn how the app works and get to know its functionality.

Conduct static analysis: Check permissions, see how insecure data is stored, inspect the code, check for the presence of sensitive data.

Conduct dynamic analysis: Assess man-in-the-middle, backend infrastructure, and privilege escalation vulnerabilities; and assess insecure direct object references.

Test application programming interfaces (APIs) to ensure they are secure.

Our mobile security testing covers the complete mobile app environment, from the app running on the device to the back-end APIs and servers that facilitate the app and store data related to the app.



About Us

Securing business for more than 20 years, Sword & Shield Enterprise Security, Inc. partners with our customers to meet the needs of their dynamic cybersecurity and compliance landscape.

We work closely with companies to become tightly integrated with their enterprise operations in the areas of managed security, risk and compliance, enterprise security consulting, security incident response and forensics, and security training.

Recognized nationally and headquartered in Knoxville, Tennessee, Sword & Shield has offices throughout the US. Sword & Shield services a broad spectrum of industries, including healthcare, retail, media, banking and finance, legal and manufacturing.

Just Ask

Sword & Shield has vast experience in virtually every area of information security and compliance. If you need a service in these areas not specifically named in a description, the chances are we do it, and we do it well. So, just ask.

Actionable Results

Sword & Shield feels our Mobile Application Security Assessment report is as valuable as the exercise itself. We use a proprietary platform to comprehensively report identified vulnerabilities, documenting our process and findings to produce a thorough and helpful roadmap for remediation.

Access to a Team of Security Experts

Hiring an individual Sword & Shield resource means you get the strength of a team made up of passionate security analysts. The pride we take in the quality of services we deliver supports our customer-first approach, and leads to our high level of customer retention.

In addition, as a full-service information security and compliance firm, your mobile app assessor has access to teams of expert internal resources in areas including HIPAA and PCI, managed security services, forensics, and more.

Additional Services

As a full-service security and compliance firm, Sword & Shield offers a host of related solutions. In addition to the Mobile Application Security Assessment, clients may opt for these related services:

- Internal Penetration Tests
- Managed Security Services
- Web App Security Assessments
- Purple Team Penetration Tests

Why Sword & Shield Enterprise Security

Technology firms that dabble in security tell you what you're doing wrong (or not doing at all) and walk away, leaving you without a plan of action. Sword & Shield partners with you to become an integral part of your cybersecurity and compliance program by not only identifying gaps and vulnerabilities, but also continuing to work with you to achieve and maintain a secure and compliant environment.

In short, Sword & Shield's depth and breadth of expertise in every aspect of our comprehensive portfolio of security services, coupled with our customer-first approach, empowers us to provide tailored solutions and personalized support for small to enterprise level companies. We strive to make your security and compliance initiatives as easy as possible on you.

This is what sets us apart from other information security and compliance firms.

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