

# Identify vulnerabilities and misconfigurations in Android and iOS mobile applications

itm8's Mobile Application Security Test is designed to help you identify, understand, and mitigate vulnerabilities within your mobile applications. Our service provides a comprehensive assessment of your mobile app's security, from design and architecture to data privacy and code integrity, ensuring that your app is secure against evolving threats.

## Method

At itm8, we employ a comprehensive, experience-driven methodology for mobile application security testing, aligning with the best practices set forth by the OWASP Mobile Security Testing Guide and NIST guidelines. Our approach is tailored specifically for mobile applications and covers critical security areas, including:

- Architecture, design, and threat modelling.
- Data storage and privacy.
- Cryptography.
- Authentication and session management.
- Network communication.
- Code quality and build settings.
- Resiliency against reverse engineering and tampering.

Using both dynamic and static analysis techniques, our team uncovers potential vulnerabilities that could be exploited by attackers. The testing is conducted through a combination of manual assessments, custom-built scripts, and industry-leading security tools, ensuring a thorough evaluation of the mobile application's security posture.

## Value

itm8 delivers an independent, objective security evaluation of your mobile application. Our in-depth, technical testing identifies vulnerabilities, assesses their potential impact, and provides actionable recommendations for remediation. Our goal is to ensure that your mobile app is resilient against current and future security threats.

## Deliverables

Upon completion of the testing, you will receive a detailed written report that includes:

- Executive summary.
- Detailed observations with prioritization of issues.
- Technical recommendations for remediation.

The final report will be delivered within 10 working days after the completion of testing.

*Ensure your mobile application is secure and protected against emerging threats. **Contact us today** to schedule your comprehensive security assessment.*

## itm8 Cyber Security



itm8 Cyber Security division is itm8's core for security, governance, and compliance. With over 80+ services to enhance our customer's security posture.



More than 85+ highly skilled and certified cyber security professionals, based on certification from partners such as SANS, ISC2, PECB, ISACA, EC-Council and Microsoft.



Deep insight into regulations, directives, and standards like CIS, NIST, ISO27XXX, NIS2 and DORA.

**Based on itm8  
Mobile Application Security Test**