

# TECHGUARD SERVICES

## Mobile Application Assessment



# TechGuard Services

## Mobile Application Assessment

## CONTENTS

---

- 2 What is a Mobile Application Assessment?
- 3 Why should a Mobile Application Assessment be performed?
- 4 How does TechGuard approach a Mobile Application Assessment?
- 5 What is the TechGuard Difference?

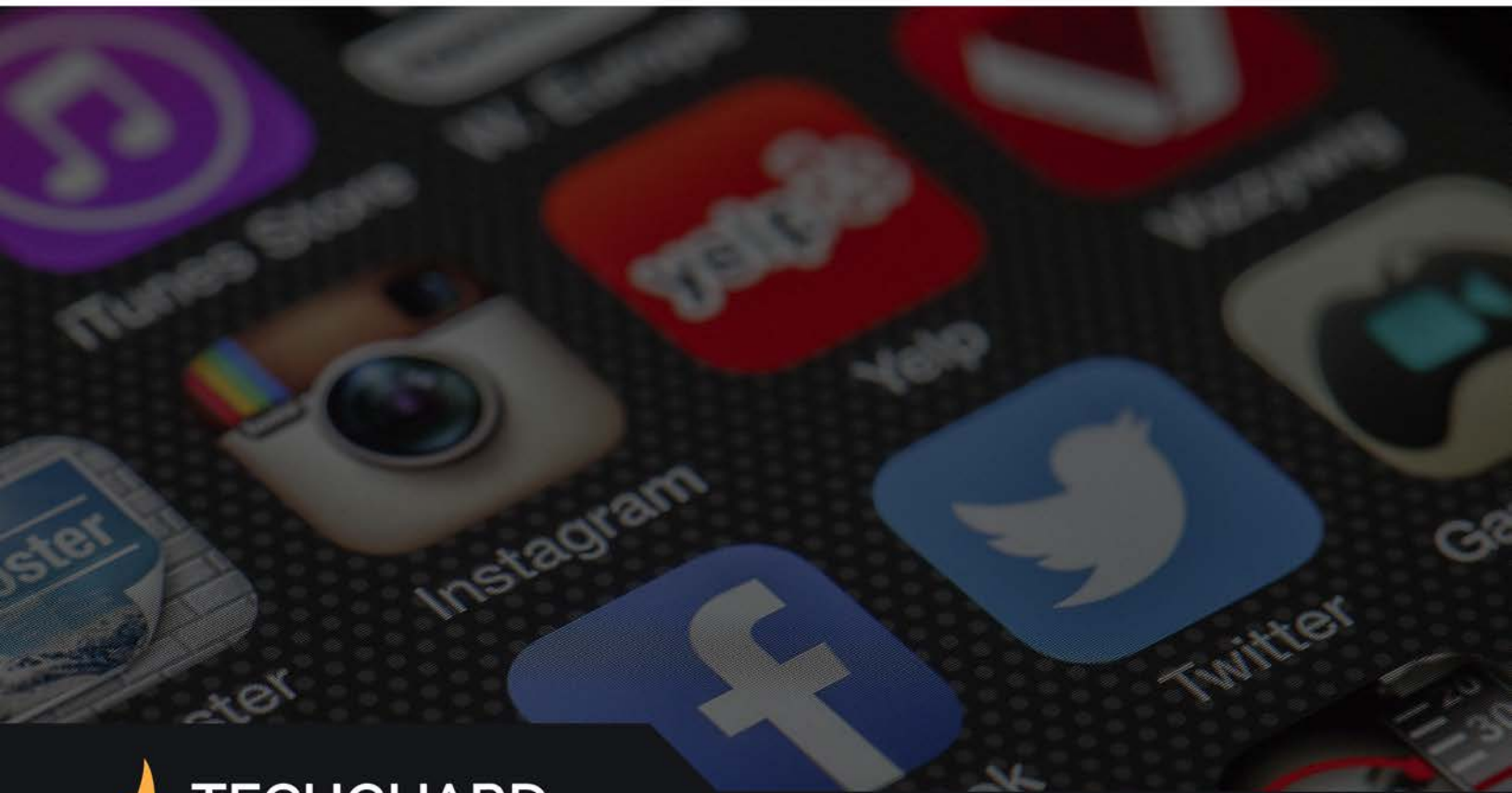
## WHAT IS A MOBILE APPLICATION ASSESSMENT?

---

A Mobile Application Assessment identifies security risks within your iOS, Android, or Windows Phone applications and is a critical component of the Software Development Lifecycle (SDLC). A Mobile App Assessment is a penetration test that identifies technical and non-technical vulnerabilities within your mobile app as well as integrated backend servers.

Data security is important to the customers and employees using your mobile apps and it is recommended

that third party testing be completed prior to any new software release. The assessment deliverable is a report identifying the security risks present in your mobile application including risk-based scoring. The report contains actionable remediation steps so that your development team can resolve the issues quickly, addressing issues with the highest level of risk first.





## WHY SHOULD A MOBILE APPLICATION ASSESSMENT BE PERFORMED?

---

The shift in data processing from traditional workstations to mobile platforms continues to rise due to the increased performance of mobile devices, the flexibility these platforms enable, and the prevalence of smartphones becoming all but universal. Whether your business has a customer facing app or an internal app to improve process efficiency for your employees, having a mobile app these days is the new equivalent of your business having a website.

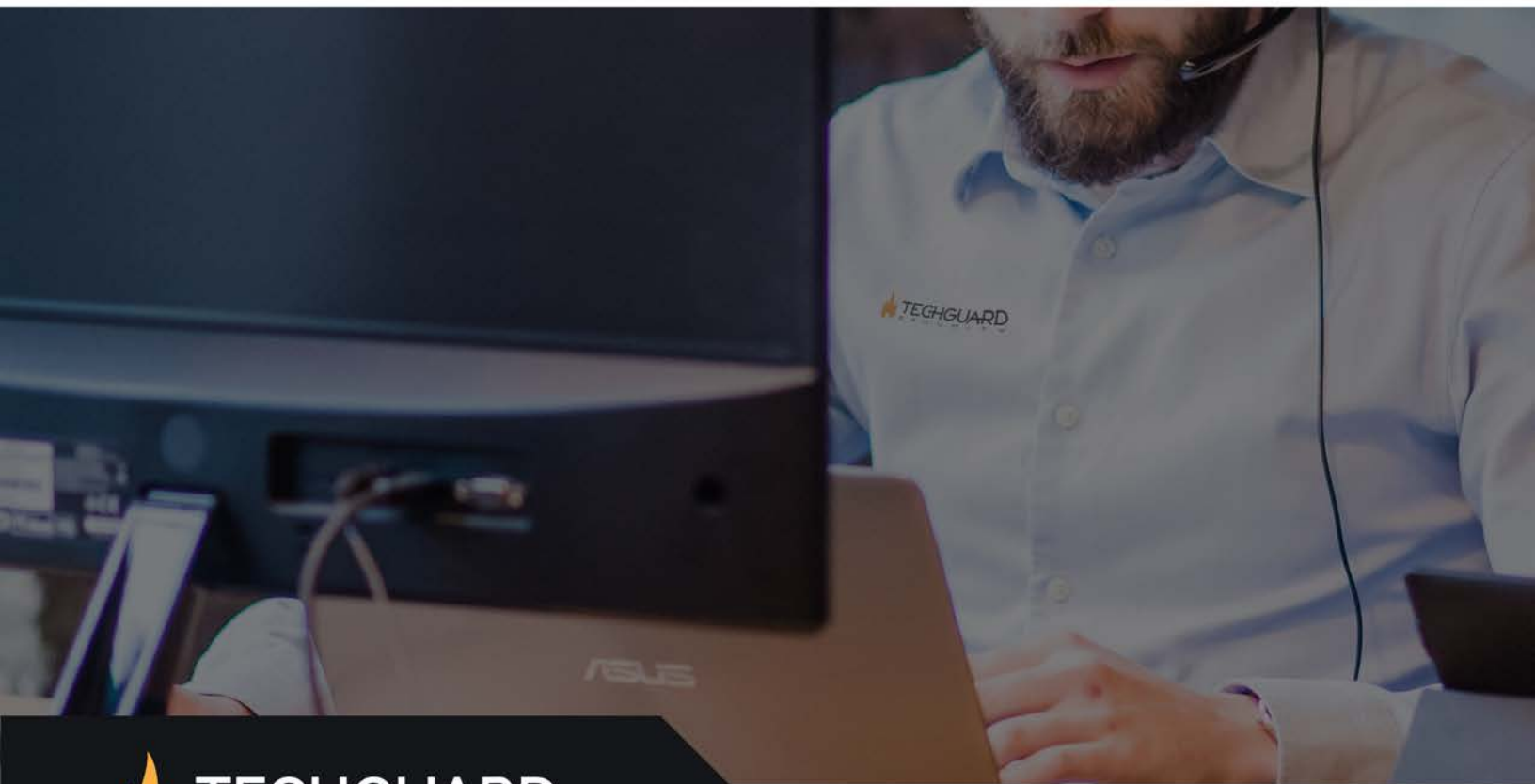
Attackers are keenly aware of the amount and value of data that is now being stored and processed on mobile platforms. Android is now the second most attacked platform in the world just behind the Windows Operating System. Integrating security testing into your SDLC is an essential step for any organization using mobile platforms to conduct business.

## HOW DOES TECHGUARD APPROACH A MOBILE APPLICATION ASSESSMENT?

At TechGuard, our Mobile Application Assessment approach uses the Open Web Application Security Project (OWASP) Mobile Application Security Checklist and encompasses in-depth testing covering: Architecture, Data Storage, Privacy, Cryptography, Authentication, Session Management, Network Communications, Mobile Platform Interaction, and Code Quality/Build Settings.

We test for all common mobile application security issues ranging from injection vulnerabilities,

man in the middle attacks, API parameter manipulation, runtime application manipulation, and many more. We utilize both virtualized and physical devices to ensure true to life testing environments. We have options to customize your Mobile Application Assessment for a black box or white box test to fit the goals of your organization.





## WHAT IS THE TECHGUARD DIFFERENCE?

We pride ourselves in building and maintaining long-term relationships with our clients. This ensures each client receives a tailored, customized service based on their unique organizational needs. From the initial kickoff meeting to delivery of the finalized Mobile Application Assessment Report, client satisfaction is our number one concern.

At TechGuard, we place the utmost value on the delivery of quality services. Every client is assigned a Project Lead who will serve as their single point of contact throughout the engagement.

In addition to the detailed written report provided at the end of the assessment, clients engage in a presentation with their Project Lead. Our report delivery presentation provides the opportunity to discuss details of important action items, next steps, and answer any questions related to remediation recommendations.

TechGuard has been dedicated to delivering high-end, professional cybersecurity solutions since 2000 - making us a trusted partner in both the government and private sectors.

TechGuard Security is an ISO 9001:2015-registered, certified SDB, DBE and Woman-Owned Business Enterprise. TechGuard Security was founded to address national cyber defense initiatives and US critical infrastructure security. We provide a comprehensive suite of cybersecurity solutions to help reduce your risk of cybersecurity-related incidents.