

# **Mobile Application Protection Suite (MAPS) and Mobile Threat Defense (MTD)**

# Building Safe and Secure Apps

Today, mobile applications are an effective digital channel for worker productivity and business growth, but they also introduce unprecedented risk. Organizations developing and using mobile apps are keenly aware of security risks as mobile apps access and process more sensitive information than ever before.

Mobile application risks start in development and persist throughout the app's entire lifecycle, including when running on an end user's device. Uncovering these during development saves time, money, and resources associated when compared to reacting to them in production. Once an app is published, it remains exposed to the untrusted environments in which it runs. These risks include compromised devices running the app, the vulnerable networks the device connects to, and bad actors attempting to tamper the app for their benefit.

When left unchecked these risks can lead to the following:

- **Data breaches or fraud** due to attacks or through reverse engineering;
- **Damages to your company's reputation** and bottom line, resulting from private information being leaked; and
- **Regulatory fines** resulting from not being compliant or because of a breach.

The biggest hurdle for enterprises today is having to work with a highly fragmented set of point solutions that provide limited-to-no visibility into real-world risks, threats, and attacks.

## A Single Integrated Platform - Development Through Runtime

Zimperium zScan helps mobile app developers avoid reputation and financial risks by automatically identifying privacy, security and Zimperium's Mobile Application Protection Suite (MAPS) helps enterprises build safe and secure mobile apps resistant to attacks. It is the only unified platform that **combines comprehensive in-app protection with centralized threat visibility**. The platform provides app shielding, key protection, app scanning, and runtime protection capabilities. In addition, a threat management dashboard provides real-time threat visibility and the ability to respond to emerging threats instantly without an app update.

**90%**

of mobile time is spent in apps

**83%**

of the apps insecurely stored data

High-risk vulnerabilities were found in

**38%** of iOS and in **43%** of

Android applications

**89%**

of all vulnerabilities discovered could be exploited using malware

Here are some key benefits:



Identify Security & Privacy Vulnerabilities



Protect Cryptographic Keys & Secrets



Gain Runtime Threat Visibility



Ensure Internal & External Compliance



Protect Source Code, IP, and Sensitive Data

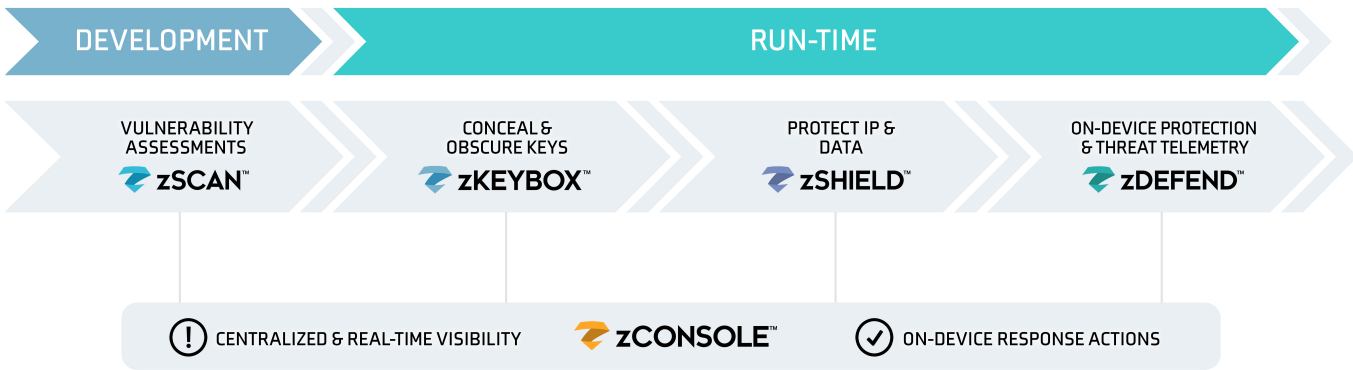







Respond to Data Theft & Fraud Attempts

# Why Zimperium MAPS

Zimperium's Mobile Application Protection Suite (MAPS) helps enterprises build safe and secure mobile apps resistant to attacks. It is the only unified solution that combines comprehensive app protection with centralized threat visibility.

MAPS comprises of four capabilities, each of which address a specific enterprise need as shown below.



Solution	Value Proposition
 <b>zSCAN™</b>	Helps organizations continuously discover and fix compliance, privacy, and security issues prior to being published.
 <b>zKEYBOX™</b>	Protect your keys so they cannot be discovered, extracted, or manipulated.
 <b>zSHIELD™</b>	Protects the source code, intellectual property (IP), and data from potential attacks like reverse engineering and code tampering.
 <b>zDEFEND™</b>	Provides threat visibility and on-device ML-based run-time protection against device, network, phishing, and malware attacks.
 <b>zCONSOLE™</b>	Centralized dashboard to view threats and create response policies.

# Zimperium Mobile Threat Defense (MTD)



**Zimperium Mobile Threat Defense (MTD)** - formerly known as zIPS - is a privacy-first application that provides comprehensive mobile security for enterprises. Zimperium MTD is designed protect an employee's corporate-owned or BYO device from advanced persistent threats without sacrificing privacy or personal data. Zimperium MTD detects across all four threat categories — device compromises, network attacks, phishing and content, and malicious apps. Leveraging advanced machine learning, MTD detects threats across the kill chain: device, network, phishing, and app attacks.



## Machine learning protection stays ahead of the threats

Zimperium MTD's on-device, machine learning-powered detection scales with the needs of the modern workforce, securing devices against even the most advanced threats all while keeping security teams informed with critical data.



## Privacy-first approach to mobile device security

With a privacy-first approach to data processing, Zimperium's advanced mobile endpoint security solution enables enterprises to support and secure bring your own device policies alongside corporate-owned endpoints without sacrificing the end user's data privacy.



## Integrate seamlessly, respond with accuracy

Forensic data on the device, network connections, and malicious applications provides security operations teams the power of visibility against the growing mobile attacks, and enables them to minimize their total attack surface with confidence. The unmatched forensics provided by Zimperium MTD prevents a single compromised device from turning into an outbreak.

## Product Outcomes

### Advanced App Analysis

Zimperium z3A™ detects any app's risk to your enterprise

### Device Attestation

Integrate mobile into your Zero Trust requirements

### Cross-OS Support

Comprehensive security coverage across Android, iOS, and Chrome OS

### Deploy Anywhere

Any cloud, on-premise, or air-gapped

### Dynamic Phishing Protection

Protect against SMS, web-based threats, and phishing attempts

### Mobile Endpoint Visibility

Enables a view of non-compliant mobile devices

### Powerful API

Full-featured and robust API for complete integration into your workflows

### Security Platform Integrations

Integrate into enterprise SIEM, IAM, UEM, and XDR platforms

### Zero-Touch Deployment

Uncomplicated deployment and activation

### Zimperium Machine Learning

Detect real-time device, network, phishing, and app attacks

### Unified Mobile Security Platform

Manage mobile endpoints without complicated infrastructure requirements

# Mobile Device Requirements



**Apple iOS**

Version Support iOS



**Android**

Version support  
Android

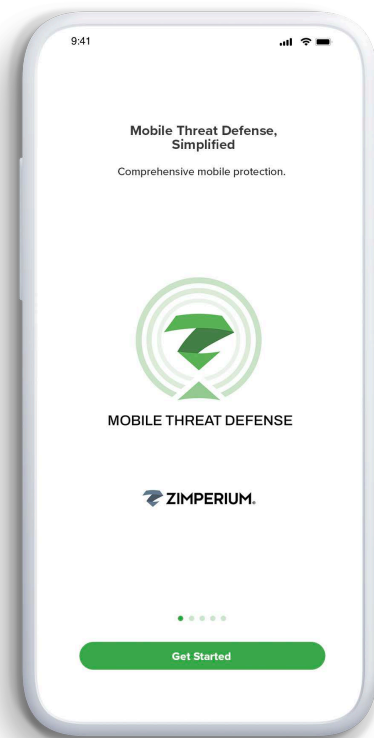


**Chrome OS**

Systems Supporting  
Android Apps

## About Zimperium

Zimperium provides the only mobile security platform purpose-built for enterprise environments. With machine learning-based protection and a single platform that secures everything from applications to endpoints, Zimperium is the only solution to provide on-device mobile threat defense to protect growing and evolving mobile environments. For more information or to schedule a demo, [contact us](#) today.



**Learn more at:** [zimperium.com](https://zimperium.com)

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