Securing the mobile workforce

with Mobile Threat Defence

PROTECT YOUR MOBILE-EMPOWERED WORKFORCE

With businesses moving most of their capability to a mobile platform for employees, most mobile users are unaware of the inherent information security and privacy risks it poses. Whether it is a BYOD or corporate-owned mobile device, the risk to corporate data is a concern to most security professionals.

Mobile endpoints are increasingly the path of least resistance for many attackers. According to the 2023 Zimperium Global Mobile Threat report, 45% of surveyed companies were compromised in the past year. 50% of IT and security professionals report that it is "likely to certain" that their enterprise has already had a security incident due to inadequate mobile device security. Compromised apps, unsecured third-party app stores, phishing attacks, man in the middle (MITM), and rogue/malicious networks are proven attack vectors of these heavily relied upon mobile endpoints.

An average of 77,000 unique malware samples were detected every month.
–2023 Zimperium Global Mobile Threat Report

To achieve secured mobility, enterprises need advanced mobile security and threat defence to safeguard their workforce and critical business data, as well as to meet compliance standards.

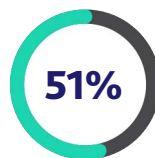## Need for protection due to heightened cybersecurity risk on mobile devices

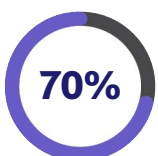*Taken from the 2023 Zimperium Global Mobile Threat Report unless otherwise stated.*

45%
of surveyed companies were compromised in the past year.
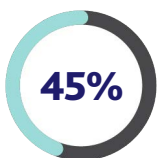
80%
of phishing sites target mobile devices specifically or are designed to function both on desktop and mobile.
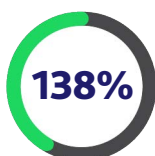
51%
year-over-year increase in Mobile malware samples with more than 920,000 samples detected.
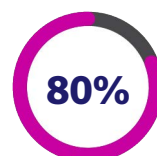
70%
of digital fraud happens on mobile devices.
RSA Cybersecurity and Digital Risk Management Solutions

138%
year-over-year increase in critical Android vulnerabilities.

80%
of the zero day mobile vulnerabilities actively being exploited in the past year were for iOS.
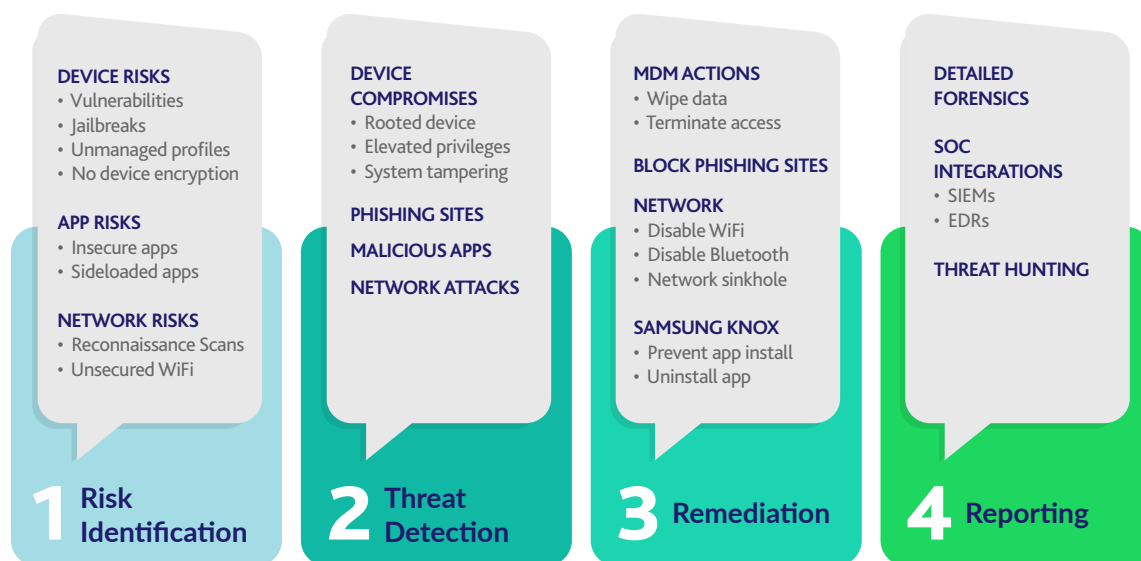
ADVANCED MOBILE SECURITY WITH STARHUB MOBILE THREAT DEFENCE

Powered by Zimperium, StarHub Mobile Threat Defence (MTD) provides a comprehensive mobile security for both corporate-owned and BYOD devices. It delivers persistent protection through monitoring and analytics to prevent, detect, and remediate sophisticated cyber-attacks in real time, such as advanced phishing attacks, on devices, networks, and applications. It protects against more than 40 known attack vectors, including detection and mitigation of new ones that haven't yet been discovered.

Through on-device, machine learning-powered detection, StarHub MTD uses billions of data points to understand mobile risks and threats, training the threat model and keeping mobile endpoints secure against both known and unknown threats. When a threat is detected, end-users receive contextual alerts and recommendations to help remediate the situation.

How MTD works

DEVICE RISKS
- Vulnerabilities
- Jailbreaks
- Unmanaged profiles
- No device encryption

APP RISKS
- Insecure apps
- Sideloaded apps

NETWORK RISKS
- Reconnaissance Scans
- Unsecured WiFi

1 Risk Identification

DEVICE COMPROMISES
- Rooted device
- Elevated privileges
- System tampering

PHISHING SITES

MALICIOUS APPS

NETWORK ATTACKS

2 Threat Detection

MDM ACTIONS
- Wipe data
- Terminate access

BLOCK PHISHING SITES

NETWORK
- Disable WiFi
- Disable Bluetooth
- Network sinkhole

SAMSUNG KNOX
- Prevent app install
- Uninstall app

3 Remediation

DETAILED FORENSICS

SOC INTEGRATIONS
- SIEMs
- EDRs

THREAT HUNTING

4 Reporting

Key Features

POWERED BY MACHINE LEARNING
On-device, machine learning-based detection provides prevention against the latest mobile threats, including zero-day malware.

CRITICAL DATA, WHERE YOU NEED IT
With integrations into enterprise SIEM, IAM, UEM, and XDR platforms, administrators will always have the data they need.

DEPLOYABLE ANYWHERE
Address local data laws and compliance needs by deploying to any cloud, on-premise, or air-gapped environments.

ZERO-TOUCH END USER DEPLOYMENT
MTD can be deployed to your enterprise's mobile endpoints without the need for complicated activated by the end-users.

SUPPORT ZERO TRUST WITH CRITICAL DATA
Comprehensive device attribution enables enterprises to have a complete picture of their mobile endpoint security and shores up Zero Trust architectures.

COMPLETE MOBILE COVERAGE
No matter the mobile device, from tablets to phones, StarHub MTD provides complete security coverage across Android **and** iOS.

Enhance your enterprise security and protection with StarHub's comprehensive portfolio of managed security solutions:

ON-DEVICE
Real-time detection & protection against both known & unknown threats

COMPREHENSIVE
Protect devices against advanced phishing, device, network, & application cyber-attacks in real-time

BUILT WITH PRIVACY FIRST
Efficiently monitor and mitigate advanced mobile threats while respecting the unique policy & privacy requirements of the organisation

CONSOLIDATED END-POINT CONSOLE
Dashboards allow InfoSec teams to focus on critical areas and establish automated actions within the platform to respond and remediate issues efficiently
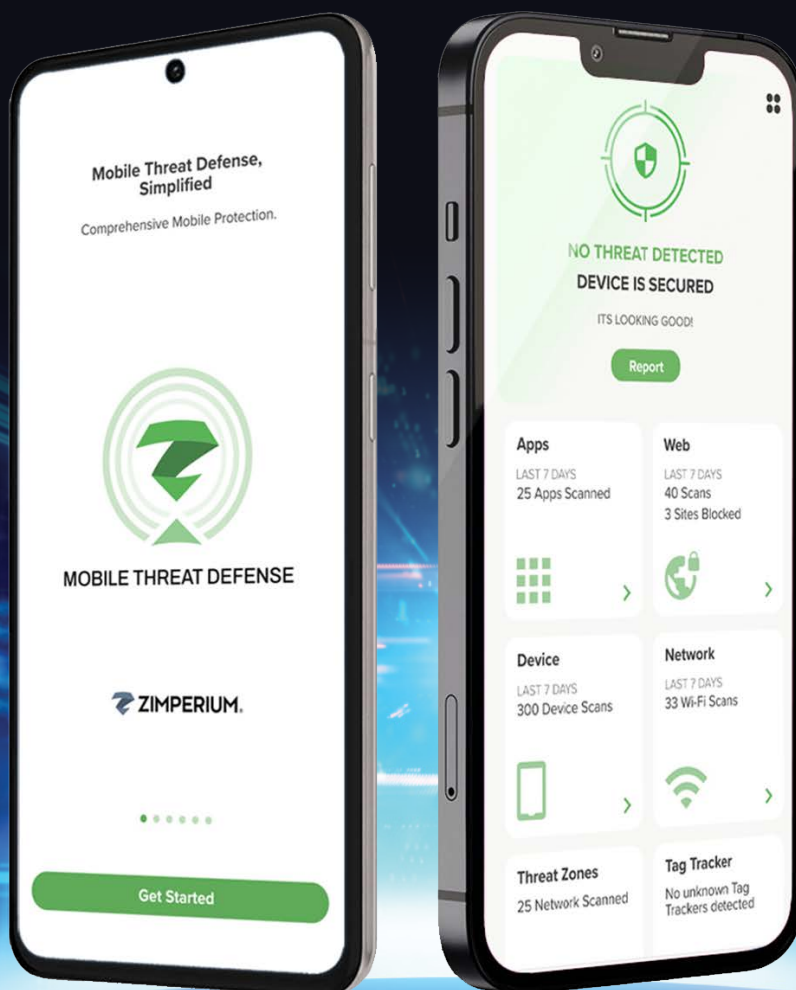
ENTERPRISE-READY/ SCALABLE
Seamless integration with enterprise security ecosystem

Zimperium MTD
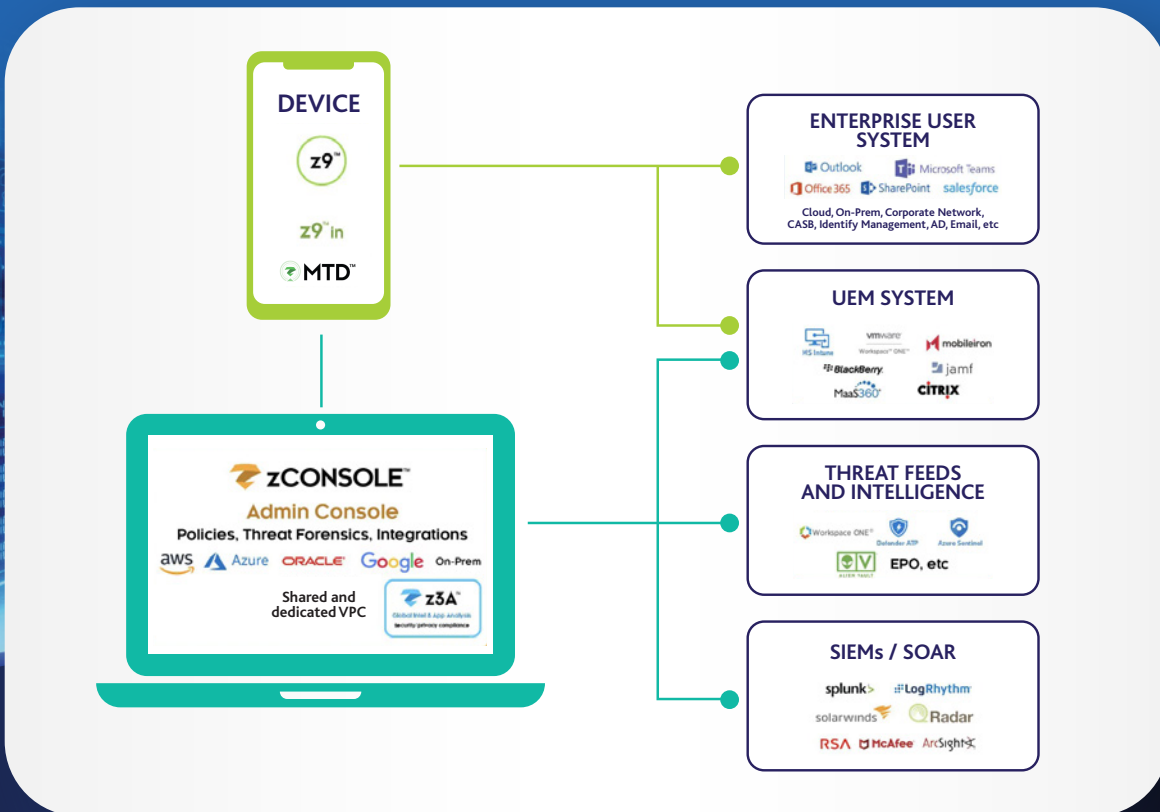## CLOUD-BASED MACHINE LEARNING ENGINE

Leveraging advanced machine learning capabilities, **Zimperium MTD** detects threats across the kill chain: device, network, phishing, and app attacks. It analyses slight deviations to a mobile device's system parameters to detect both known and unknown threats protecting the device against all primary attack vectors, even when the device is not connected to network.

z9 is a patented detection engine designed for mobile and provides real-time, on-device protection.

Mobile Threat Defense, Simplified

Comprehensive Mobile Protection.

MOBILE THREAT DEFENSE

ZIMPERIUM.

Get Started

NO THREAT DETECTED
DEVICE IS SECURED

ITS LOOKING GOOD!

Report

Apps
LAST 7 DAYS
25 Apps Scanned

Web
LAST 7 DAYS
40 Scans
3 Sites Blocked

Device
LAST 7 DAYS
300 Device Scans

Network
LAST 7 DAYS
33 Wi-Fi Scans

Threat Zones
25 Network Scanned

Tag Tracker
No unknown Tag Trackers detected

zCONSOLE
ENTERPRISE-READY
SAAS MOBILE SECURITY

zConsole is an advanced cloud-native management console that enables administrators to manage policies, monitor for threats, and mitigate mobile risks. It can be deployed on any cloud (AWS, Azure, Oracle, or Google), shared and dedicated SaaS, air-gapped network, or on-premise networks. **Zimperium MTD** is managed on zConsole.

DEVICE

z9™

z9™ in

MTD™

zCONSOLE™
Admin Console
Policies, Threat Forensics, Integrations
aws · Azure · ORACLE · Google · On-Prem
Shared and dedicated VPC · z3A™
Global Intel & App Analysis
Security privacy compliance

ENTERPRISE USER SYSTEM
Outlook · Microsoft Teams
Office 365 · SharePoint · salesforce
Cloud, On-Prem, Corporate Network, CASB, Identify Management, AD, Email, etc

UEM SYSTEM
MS Intune · vmware Workspace ONE · mobileiron
BlackBerry · jamf
MaaS360 · CITRIX

THREAT FEEDS AND INTELLIGENCE
Workspace ONE · Defender ATP · Azure Sentinel
EPO, etc

SIEMs / SOAR
splunk · LogRhythm
solarwinds · Radar
RSA · McAfee · ArcSight

StarHub Mobile Threat Defence powered by:

ZIMPERIUM

THE STARHUB ADVANTAGE

Suite of Managed Mobility Services

One single provider offering end-to-end managed mobility solutions - from 5G mobile plans to device lifecycle management and mobile security solutions

Ease of Deployment and Support

Deployed through our professional support services as Managed Mobility services with 24/7 enablement and support, or through direct subscription

Peace of Mind

Offers Managed Services, serving as an extension of your internal cybersecurity resource to provide consultancy, implementation, monitoring, management, and relevant reporting

Enhance your enterprise security and protection with StarHub's comprehensive portfolio of managed security solutions. Built with **advanced threat security** in mind, StarHub MTD meets the mobile security needs of enterprises and government agencies around the world.

To learn more about how StarHub MTD can future-proof your digital workplace with advanced mobile security, visit starhub.com/mtd

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