



# ZoneAlarm Mobile Security for Android

ZoneAlarm Mobile Security protects you from both known and unknown threats, whether the attacks come from the network, applications, or the device itself. Developed by cyber security leader Check Point, ZoneAlarm Mobile Security app uses the latest enterprise-grade technology to provide you with complete **privacy and mobile data protection**.

## Product Benefits

### 100% Privacy

ZoneAlarm makes sure your network is safe and not being eavesdropped by a third party. We never lets any of your data leave the device; all security analyses are made with anonymized data on the device itself.

### Online Fraud Protection

ZoneAlarm Anti Phishing technology protects you from giving your credentials to known and unknown fake websites trying to commit a phishing scam.

### Safe Downloads and Browsing

Download apps and browse the web without any concern – ZoneAlarm Mobile Security checks for malicious app downloads and URL's in real-time.

### Ultimate Device Experience

Negligent effect on battery life and device performance.

### Personalized Weekly Reports

On-device weekly security incident report keeps you updated about the latest threats that ZoneAlarm helped to keep your device safe from.

### Real-Time Threat Intelligence

ZoneAlarm leverages the world's largest threat intelligence data base, with Check Point Threat Cloud.

### SDK Integration

ZoneAlarm Mobile Security app can be offered as SDK which can be integrated into a partner's app.

### Ad-Free

You won't see ads, even during your trial.

### Interactive User Interface

ZoneAlarm app is simple, fast, and easy to use.

## Product Features

### Wi-Fi Network Security

Protects traffic from being trapped in Man-in-the-Middle attacks when connected to Wi-Fi

### Wi-Fi Security Ranking

Ranks available hotspots around you based on their security level, ensuring you connect to the most secure available option.

### Malicious Apps Protection

Protects from known and unknown malicious apps and updates.

### Zero-Day Anti-Phishing

Blocks phishing attacks both from known and unknown phishing-sites and apps.

### Safe Browsing

Blocks access to malicious sites from any web browser.

### Anti-Ransomware

Detects and blocks suspicious Ransomware activities before any files are encrypted.

### USB and Bluetooth

Protects against malicious apps coming from USB and Bluetooth connections.

### Anti-Bot

Preventing hackers from taking control of your device by blocking bot attacks.

### Device Shield

Alerts the user of any risky configurations on the device.

### Rooting Detection

Detects suspicious device behavior and alerts if someone has gained control over your operating system.

# How ZoneAlarm Mobile Security works?

## On Device Network Protection

ZoneAlarm Mobile Security uses a unique network security infrastructure – **On-Device Network Protection (ONP)** - to validate all user traffic on the device without routing any of the user's data to the cloud. This ensures user and data privacy is protected and allows for a seamless browsing experience and minimal impact on performance and battery.

Every link that is clicked, no matter if it's in an email, a message on a social media app, etc., it is validated in real time with dynamic security intelligence provided by **Check Point ThreatCloud**, the world's largest cyber intelligence network. If the URL detected as malicious, for example a phishing site, it's immediately blocked and the user alerted not to enter the site.

## Eavesdrop Protection

One of the most common network-based attacks on mobile devices is **Man-in-the-Middle (MitM)**, where the attacker fools unsuspecting users to connect to a rogue Wi-Fi network.

Hackers are using two kinds of MitM methods:

- **SSL stripping:** removing the SSL certificate without the user's knowledge and decrypts the traffic.
- **SSL bumping:** using fake SSL certificates to fool apps and browsers into believing they are using secure connections.

In this way, Cybercriminals can intercept communications, allowing them to eavesdrop and steal data in transit. ZoneAlarm Mobile Security validates the integrity of SSL connections and alerts the user about compromised networks.

## App Protection

Mobile apps are an extremely effective and easy way for cybercriminals to launch sophisticated and targeted attacks. Seemingly innocent apps can unknowingly grant unrestricted permissions to extract data, credentials, emails, text messages, and location. They can also give hackers access to your microphone and camera.

ZoneAlarm Mobile Security takes advantage of data from Check Point's unique **Behavioral Risk Engine (BRE)**, running applications in a cloud-based environment to scan for threats. The BRE uses variety technics to determine if an app is malicious, such as machine learning, AI, advanced static code flow analysis, anomaly detection and app reputation.

All apps, from an official app store or side loaded, are checked and validated by ZoneAlarm Mobile Security. If the app is detected as malicious, it is blocked, and the user is alerted to stop the installation.

## Device Protection

Configuration settings on your device could expose significant security vulnerabilities, such as when an Android device is configured to allow the installation of third-party apps from unknown sources.

ZoneAlarm Mobile Security users real-time risk assessments to monitor all configuration changes. A behavioral engine detects if and how root access is granted on the device and alerts if someone has gained control over your device.

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## Protection for Small Businesses

Mobile devices give users unprecedented access to critical business information wherever we are and are crucial for productivity, but also expose the business to significant risk and loss of sensitive information.

According to the Cybersecurity Report 2020 from Check Point, almost 30% of businesses suffer from cyber attacks caused by the security compromise of a mobile device. Small businesses are far from immune to these attacks.

ZoneAlarm Mobile Security was developed to fit the security needs of small businesses. It only takes few minutes to install, and it runs quietly in the background with negligible impact on your device performance and battery. The app has an easy-to-use interface with a weekly security report sent to the device. It gives your employees a simple, self-managed security solution that enables safe business operations from mobile devices.

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## Technical Support

Free customer support, including in-depth information, forum, and 24/7 live chat.

### System Requirements:

Android 4.2 or newer

### FIND OUT MORE::

**Website:** [www.zonealarm.com](http://www.zonealarm.com)  
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