

Anatomy of an Android

How a hacker can profit from your smartphone

Your Android may look innocent, but a hacker getting control of your device might cost you more than you bargained for.

Attackers can compromise Android devices to spy on you, impersonate you, hold your files for ransom, steal from your online accounts, or use your device for botnet activity.

Surveillance

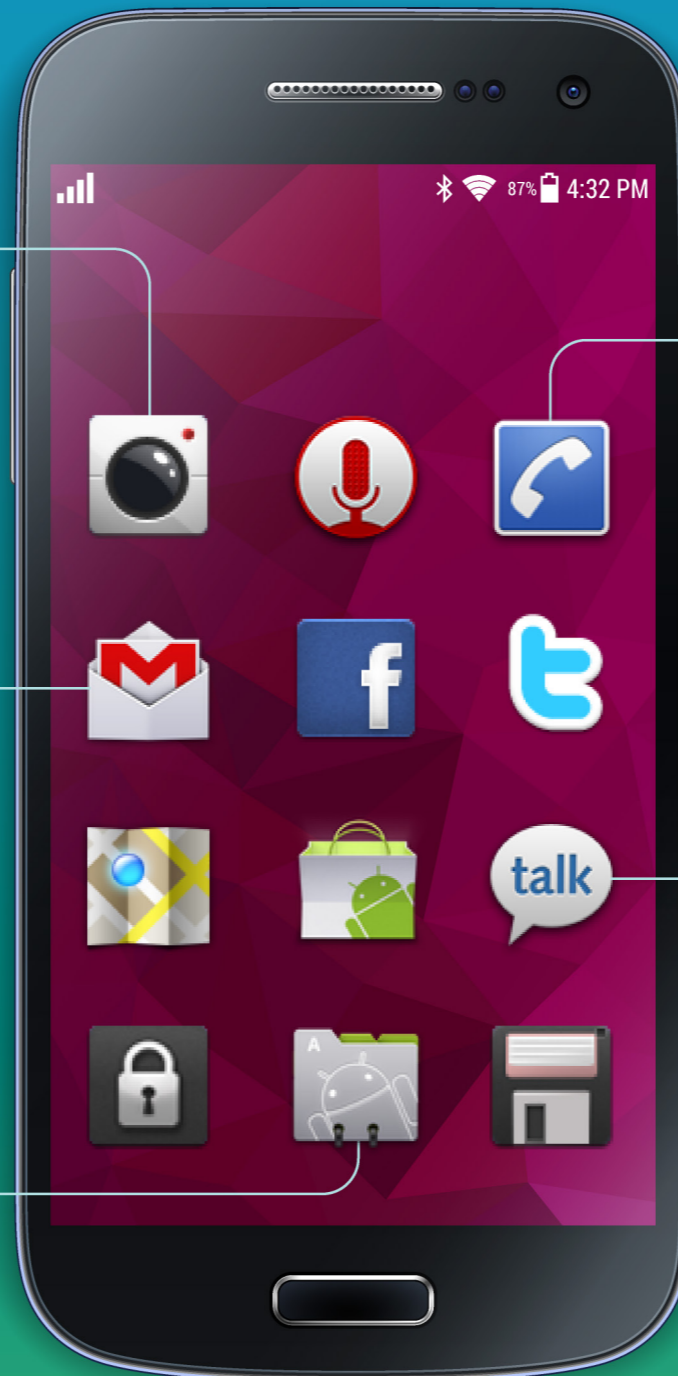
- Record audio
- Camera, photos and videos
- Location
- Call history
- Text messages

Impersonation

- SMS redirection
- Sending emails
- Posting to social media

Data Theft

- Account logins and passwords
- Contacts, phone number and call history
- Steal International Mobile Equipment Identity (IMEI) number



Financial

- Send premium rate SMS messages
- Make expensive phone calls
- Steal Transaction Authentication Numbers (TAN)
- Extort you via ransomware and fake antivirus

Botnet Activity

- Click fraud
- Send premium rate SMS
- Launch Distributed Denial of Service (DDoS) attacks



1.1 Million

Android malware samples detected by SophosLabs¹



\$300

Ransom demanded by Android "police warning" malware¹



1 Billion

Global population of Android users by the end of 2014²



84%

Android marketshare compared to 12.3% for iOS³

Sources:

1. SophosLabs

2. <http://www.computerweekly.com/news/2240212085/Android-set-to-reach-one-billion-users-in-2014>

3. <http://www.cnet.com/news/android-stays-unbeatable-in-smartphone-market-for-now/>

SOPHOS

Sophos Secures Android

Secure your mobile workforce against Android threats: sophos.com/mobile