

MOBILE SECURITY

Mobile security is defined as the protection of portable devices from threats and vulnerabilities.

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MOBILE MALWARE IS A GROWING CONCERN.

Some of the top mobile concerns include:

- Device theft/loss
- Malicious applications
- Banking malware
- Insecure storage of data

TYPES OF MOBILE SECURITY THREATS:

- Data Leakage
- Unsecured Wi-Fi
- Network Spoofing
- Phishing Attacks
- Broken Cryptography
- Improper Session Handling

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ANDROID

Pro: Highly configurable; you can fully control your privacy settings.

Con: Lack of standardisation means weak "out of the box" security.

Tip: Best if you are comfortable with adjusting security settings and tools.

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APPLE (IOS)

Pro: Consistency and reliability.

Con: Not invulnerable to malware; heavily dependent on Apple's security practice.

Tip: Probably the simplest choice for "pretty good" security.

SECURE YOUR MOBILE DEVICE:

- Use strong passwords
- Refrain from connecting to public Wi-Fi
- Encrypt your devices
- Install an antivirus application from an authorised app store
- Ensure you update your devices to the latest software
- When browsing the web, ensure the lock symbol is visible in the URL bar

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