

iPhone and Android Security

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- ▶ Many security features are common to both systems
 - ▶ Screen locking, access passcodes
 - ▶ Network security and encryption (WEP, WAP, etc)
- ▶ There are also fundamental decision affecting the security of the systems
 - ▶ Open vs. Closed Source
 - ▶ Freely distributable applications
- ▶ Neither system is without its weaknesses
 - ▶ Both systems suffered from SMS based vulnerabilities
 - ▶ Both systems suffered from web browser based vulnerabilities

Fundamental Differences

- ▶ **Open Source (Android) vs. Closed Source (iPhone)**
 - ▶ The open source nature of Android makes it easier for would be attackers to find faulty code
 - ▶ It also makes it easier for the community to contribute fixes
 - ▶ Closed source means fewer eyes on the code, for better or worse
- ▶ **Available Applications**
 - ▶ Android can install applications found outside the app store
 - ▶ Pro: Increased freedom for the user
 - ▶ Con: Increased freedom for the user
 - ▶ Acceptance into the Android app store is less rigorous
 - ▶ Pro: Easier for developers to make applications available
 - ▶ Con: May allow lower quality applications

