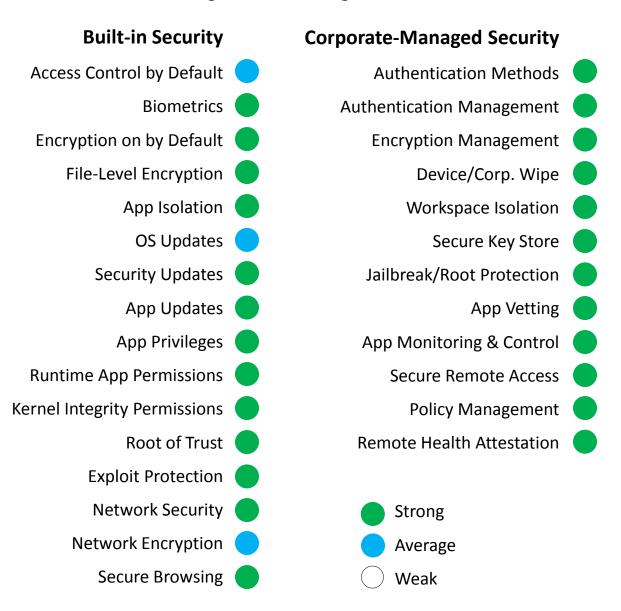# Security Controls Ratings for Samsung Knox

In Gartner's Dec. 2017 report, "Mobile OSs and Device Security: A Comparison of Platforms," Samsung Knox 2.9 and other mobile platforms are compared across 28 key security features.

Below are the ratings for Samsung Knox 2.9:

Built-in Security

Access Control by Default 🔵 (Average)
Biometrics 🟢 (Strong)
Encryption on by Default 🟢 (Strong)
File-Level Encryption 🟢 (Strong)
App Isolation 🟢 (Strong)
OS Updates 🔵 (Average)
Security Updates 🟢 (Strong)
App Updates 🟢 (Strong)
App Privileges 🟢 (Strong)
Runtime App Permissions 🟢 (Strong)
Kernel Integrity Permissions 🟢 (Strong)
Root of Trust 🟢 (Strong)
Exploit Protection 🟢 (Strong)
Network Security 🟢 (Strong)
Network Encryption 🔵 (Average)
Secure Browsing 🟢 (Strong)

Corporate-Managed Security

Authentication Methods 🟢 (Strong)
Authentication Management 🟢 (Strong)
Encryption Management 🟢 (Strong)
Device/Corp. Wipe 🟢 (Strong)
Workspace Isolation 🟢 (Strong)
Secure Key Store 🟢 (Strong)
Jailbreak/Root Protection 🟢 (Strong)
App Vetting 🟢 (Strong)
App Monitoring & Control 🟢 (Strong)
Secure Remote Access 🟢 (Strong)
Policy Management 🟢 (Strong)
Remote Health Attestation 🟢 (Strong)

🟢 Strong
🔵 Average
⚪ Weak

The full report is available here for Gartner clients.

SAMSUNG