



Development of First Defense Grade Android for Mobile Devices



BENEFITS

- Incorporates key technology developed by the National Security Agency (NSA)

RESULTS

- First defense grade Android designed from the ground up to overcome the several security shortcomings of the Android Open Source Project (AOSP)

CUSTOMER CHALLENGE

The customer was looking for support to overcome the several security shortcomings of the Android Open Source Project (AOSP).

SCOPE

- Develop security implementation for mobile device

SOLUTION

Multi-layered security implementation to ensure device and data integrity:

- SE for Android
- TrustZone
- Secure boot & trusted root
- Hardware root of trust

FEATURES

- Certified to comply with US Government and Department of Defense initiatives and standards for mobile device security (FIPS 140-2, CC, STIG, US DoD – Mobile OS SRG, CAC/PIV)