

AOSP Development

- Goal: Develop proof of concept to transmit microcode update files to iOS and transmit over Bluetooth to Android wearable. Replace BlueDroid protocol stack with BlueZ stack.
- Achievements
 - Build Lollipop and Marshmallow from AOSP sources using Ubuntu platform
 - Replace BlueDroid with BlueZ stack
 - Flash handset with new stack and primitive file transfer app
 - Implement BT file transfer app in iOS
 - Benchmark deployment

AOSP (continued)

- Kernel interface to HAL via Bluetooth.h
- Lollipop kernel proved too buggy
- Conversion to Marshmallow resolved many issues
- iOS BT con.
- Proved unreliable
- Benchmark
- Acceptable

