

# Case Study: SweetLabs - Physical Device Testing



“We chose QAC because they brought the best mix of mobile experience, reasonable cost, high quality process, and understanding our needs as a small fast startup org. Their test team really melded with our in house staff making it really feel like we had the much larger staff we needed, not just a run of the mill consulting/contracting engagement.”

- Mark Chweh, CTO

- App Distribution Platform for Developers and Device Manufacturers across Android and Windows devices
- 1 Billion+ Total App Installs
- Drives 1 Million App Installs per Day

## CHALLENGE & TEST REQUIREMENTS

- The client had to design, build, and deploy several applications that install on new handset/mobile devices and are activated on initial configuration
  - Each application had specific test scenarios that required simulating an “in store” or “at home” activation and initial load sequences and consumer experience testing
- The tests ran across multiple devices and across both carrier and WIFI connectivity options
- Test devices must be rooted to facilitate the install and testing of the apps

## SOLUTION & APPROACH

- QAC engaged an “On Demand” Team of Mobile Testing Specialists (QA Lead and 2 QA Engineers)
- The test environments were prepared, including setup of Windows Desktops (Cygwin, etc.), Physical Devices (rooting), WIFI, and Mobile Data
- Team executed efficiently over multiple phases and included daily checkpoints

## RESULTS

- ✓ A total of 855 test cases were executed on 5 physical devices in scope during the engagement
- ✓ 15 consolidated Defects were identified and reported
- ✓ In addition, QAC Recommended 3 UX & Functional Improvements
- ✓ QAC was engaged for follow-up projects

## BENEFITS

- ✓ Low cost, high return approach with a team that was self-starting
- ✓ Rapid onboarding
- ✓ Lower cost\Faster than alternative of in-house or local subcontractors

