

## Country Launch of Mobile App across 200+ Devices – Tested in 10 days

### Executive Summary

- ✓ Business Domain – Automotive Technology
- ✓ Type of testing required – Installation, Connectivity & Functionality testing of the Mobile App
- ✓ Devices to test – 209
- ✓ Total Duration – 10 days
- ✓ Region – South Korea



## Client and Business Context

Our client is a leading provider of diagnostic and connectivity solutions to Automotive manufacturers across the world. They are pioneers in new vehicle maintenance culture globally.

With a tight deadline, the client wanted to roll out a new infotainment mobile app in one of the biggest markets in Asia and they could not afford to fail in the big market they were targeting. In order to ensure their App's compatibility on all major mobile devices, they carried out a last minute research on popular devices in the region and shortlisted 200+ devices.

The goal was to ensure that the app works in all the devices with ease and provides flawless connectivity. With barely 2 weeks in hand, the preliminary testing and retesting with bug-fixes had to be completed for all the 200+ devices.





## TestOnDemand

### TestOnDemand Solution

TestOnDemand was engaged to help them achieve this goal. A team of mobile testers were sent to the client's location for immediate access to all the identified devices, till the client made the devices available at our TestOnDemand Premises. Testers hit the ground running from day 1 and the results started getting updated in real time.

As experts in Mobile testing, we were able to minimize the testing time for each device to as low as 20 minutes. Our team moved to the client's location in order to follow their security protocols, putting in all the efforts to accomplish the desired task. Multiple testing areas were covered through extensive quick turn-around testing. We accepted as many as 13 APK versions during the 10 days of testing, so that, we could test the defect fixes in parallel.

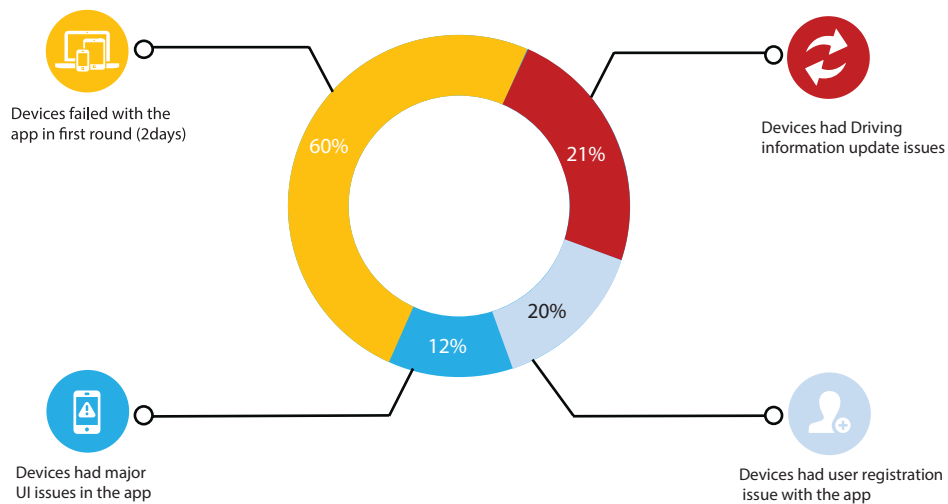
### Engagement Metrics:

- Number of Days – 10 continuous days including weekends
- Location – Onsite and TestOnDemand office
- Test Areas – Installation, Connectivity and Available app features
- Number of devices tested – 209
- Number of rounds - 3

# Findings/Error Matrix

## Over the quest:

- Number of unique issues highlighted – 16
- Number of failed devices – 126
- Maximum number of iterations for all devices until pass – 350 (max 5 iterations /device)
- Number of observations/suggestion provided – 5
- Issues witnessed after first round of testing



## Key Outcomes

With practically round-the-clock testing and bug fixes in parallel by our client, we successfully delivered an error free APK version within the stipulated timeframe of 10 days. This in turn enabled the client to launch the App on time. All errors shared in our daily defect reports were resolved and the Mobile app became 100% error free and met its planned release date for all the 200+ devices.