**CASE STUDY**
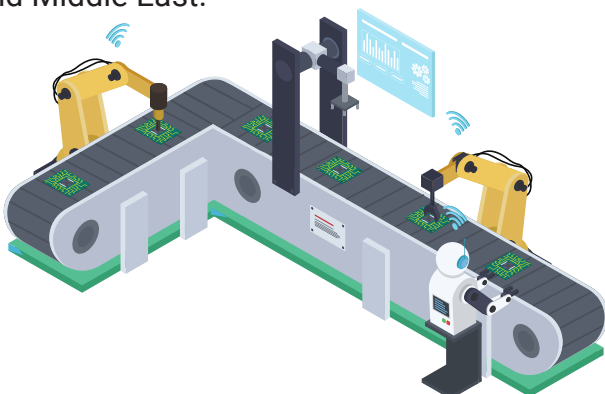


# 70%

## Large Mobile OEM Reduces Manual Testing Efforts by 70% Achieving 2 weeks Test Cycle with iHarmony™ Embed Test Automation Platform

## Client

Our client is an OEM who builds Android mobile devices based on Qualcomm chipset for different carriers in US, EU and Middle East.
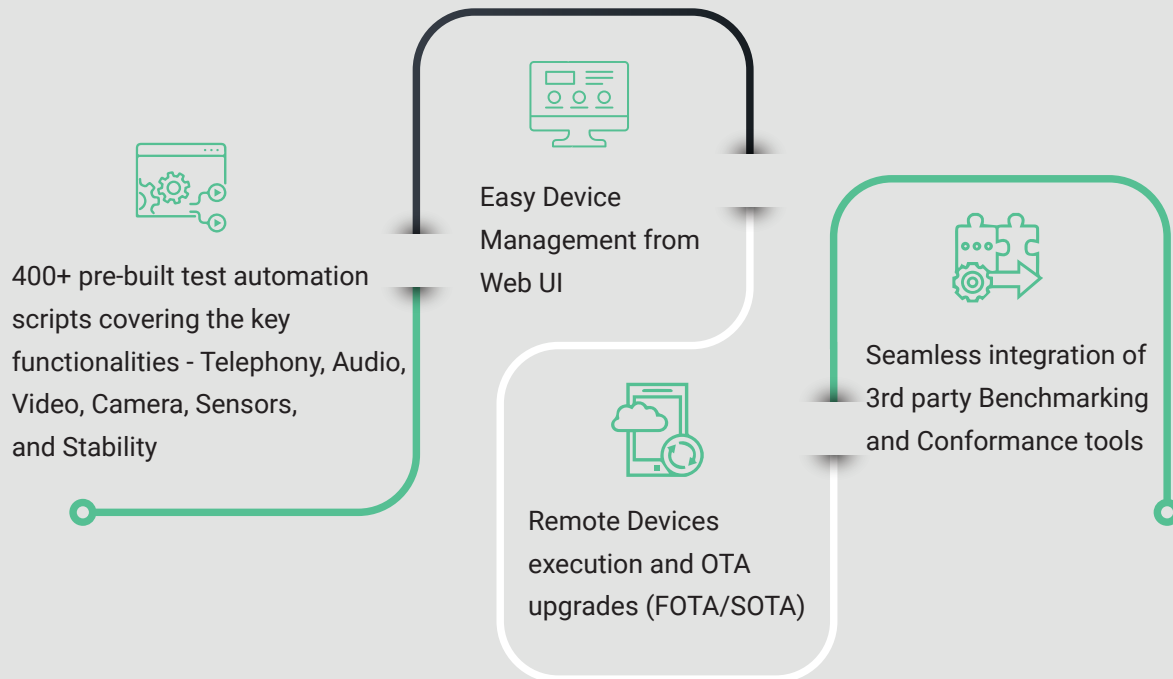


## Client Need

The client was facing difficulty in achieving a short release cycle with 2 weeks of QE window as a result of non-availability of SMEs for continuous testing and comprehensive test coverage.

It was looking for an end-to-end testing and test automation solution that could cover multiple subsystems and manage multiple product lines spread across different geographical locations with different Android versions supporting each stream.
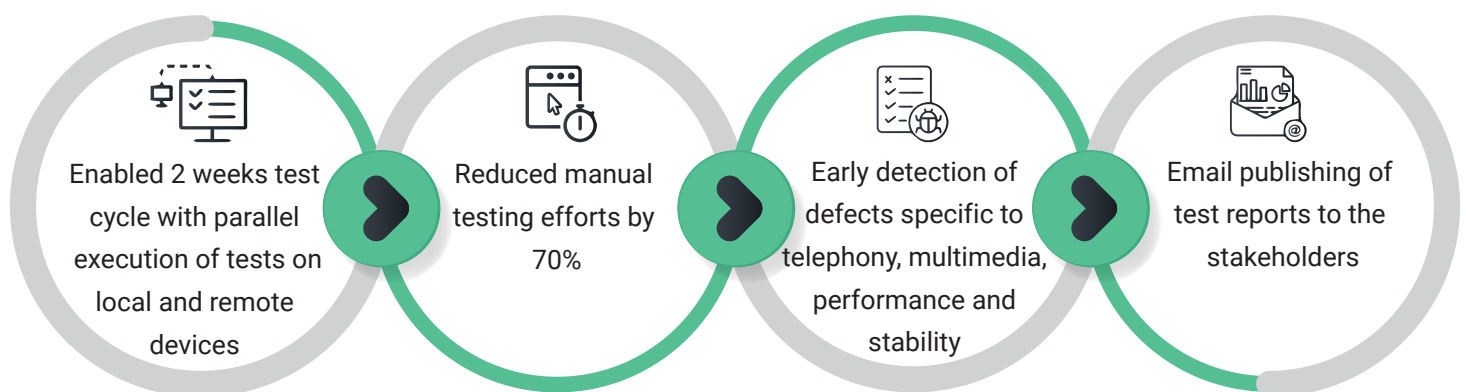
## How We Helped

Innominds leveraged its home-grown test automation platform iHarmony™ Embed for entire test lifecycle management with test planning, test creation, test run creation, test execution, defect creation and test metrics dashboard features. Our team developed 3000+ manual test cases covering different mobile features.

The iHarmony™ Embed platform helped the client achieve impeccable quality at speed and ease with

400+ pre-built test automation scripts covering the key functionalities - Telephony, Audio, Video, Camera, Sensors, and Stability

Easy Device Management from Web UI

Remote Devices execution and OTA upgrades (FOTA/SOTA)

Seamless integration of 3rd party Benchmarking and Conformance tools

## Results

Enabled 2 weeks test cycle with parallel execution of tests on local and remote devices

Reduced manual testing efforts by 70%

Early detection of defects specific to telephony, multimedia, performance and stability

Email publishing of test reports to the stakeholders

## About Innominds

Innominds is an AI-first, platform-led digital transformation and full cycle product engineering services company headquartered in San Jose, CA. Innominds powers the Digital Next initiatives of global enterprises, software product companies, OEMs and ODMs with integrated expertise in devices and embedded engineering, software apps and product engineering, analytics and data engineering, quality engineering, and cloud and devops, security. It works with ISVs to build next-generation products, SaaSify, transform total experience, and add cognitive analytics to applications.