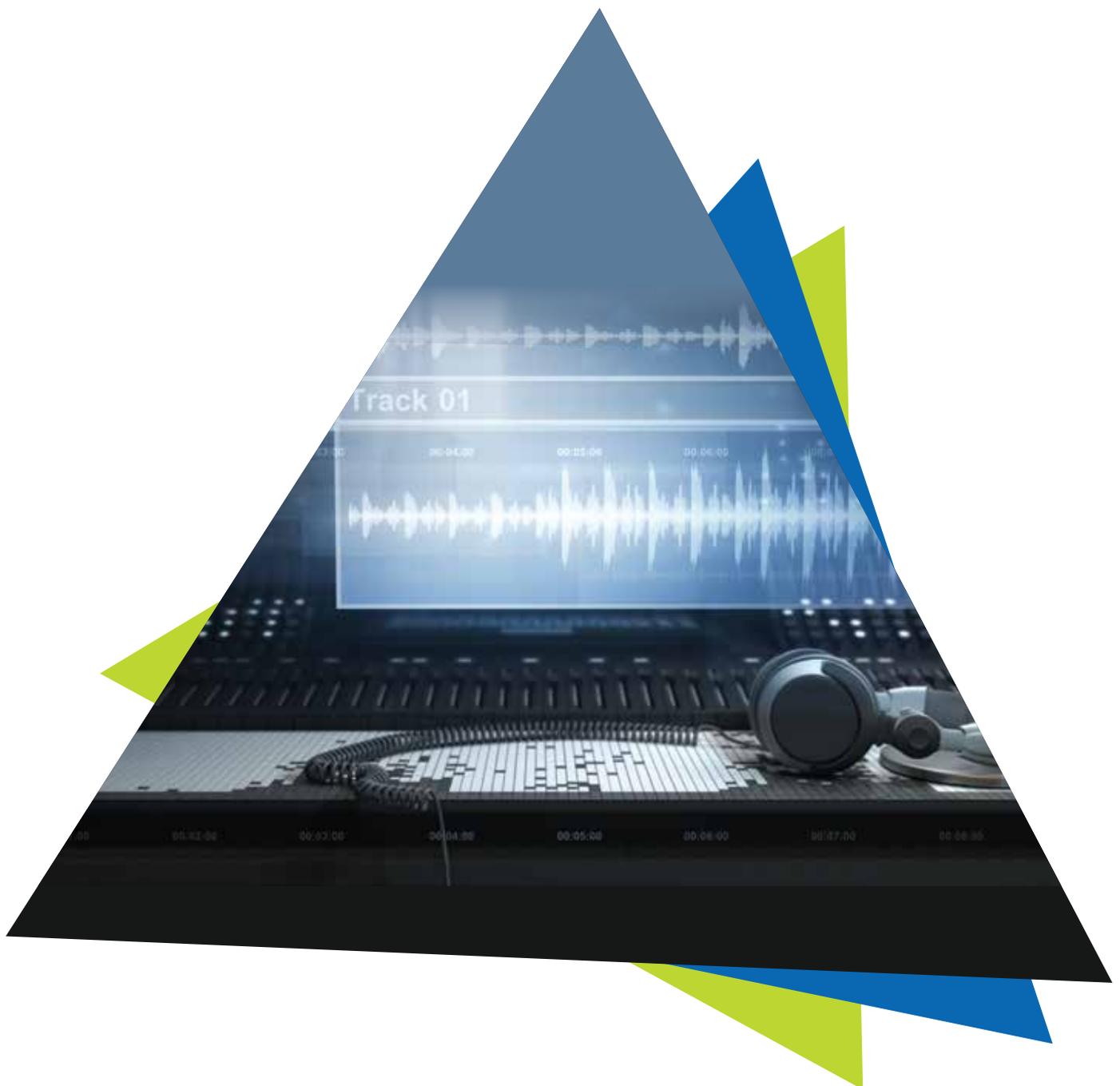


Managed Complex Device-agnostic Test Operations for Test Automation across Platforms





About the Client

A leading satellite radio and online radio broadcaster headquartered in New York with coverage over entire North America



Business Challenges/Objectives

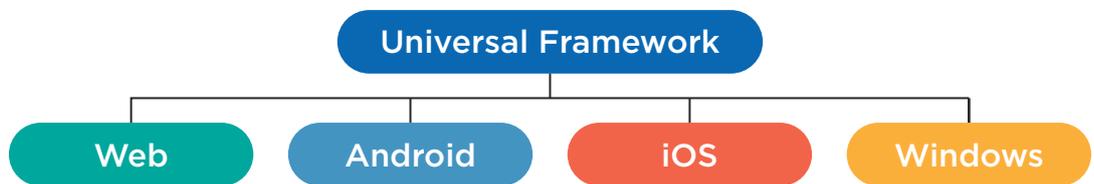




HCL's Approach and Solution

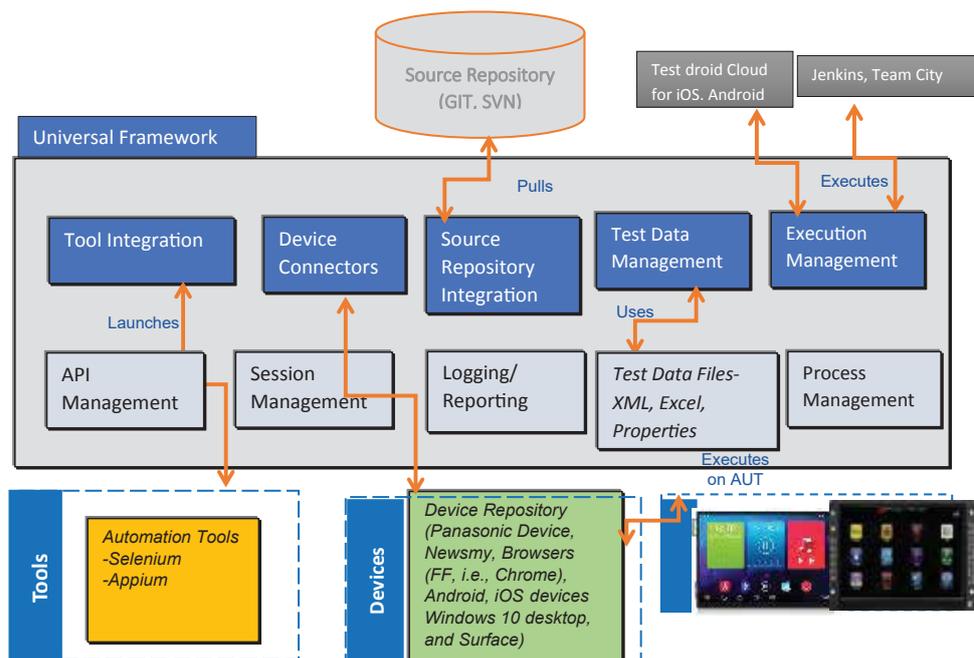
HCL adopted the flexible onsite-offshore working model and was involved across all areas and components. It took on end to end responsibility of testing on multiple platforms and back end API services. Our team was working as part of the core team, participating in specification review, test planning, and manual testing on different devices and infrastructure support. The testing scope was identified as functional, performance, smoke, regression, automation, and compatibility testing.

HCL deployed an in-house framework for QA automation and customized it for the customer to accelerate script development. This framework supported iOS, Android, and Windows mobile platforms.



HCL team provided customer QA automation solution which automates the applications on various platforms. The framework could integrate with any new tool with minimal effort and was able to provide functional, regression, performance, and longevity testing.

It performed continuous parallel execution on regression/smoke sprints in local and cloud using test droid. It had an excellent reporting mechanism and facility to capture screenshots for failed test cases.





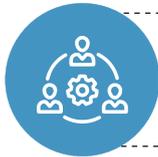
Benefits Delivered



Achieved test coverage of **100%** and automation coverage of **76%**



Tested **100%** of all web, Android, iOS, business intelligence testing for all critical business transaction



Increased people productivity by saving **40%** test design effort



Increased mobile applications rating from 2.8 to **4.7**



More than **1400** hours savings through test automation, shortened time to market, and achieved cost reduction through test automation and offshore leverage



Improved quality by identifying 450+ defects while executing **3000+** functional test cases



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HCL Technologies (HCL) empowers global enterprises with technology for the next decade today. HCL's Mode 1-2-3 strategy, through its deep-domain industry expertise, customer-centricity and entrepreneurial culture of ideapreneurship™ enables businesses to transform into next-gen enterprises.

HCL offers its services and products through three lines of business - IT and Business Services (ITBS), Engineering and R&D Services (ERS), and Products & Platforms (P&P). ITBS enables global enterprises to transform their businesses through offerings in areas of Applications, Infrastructure, Digital Process Operations, and next generation digital transformation solutions. ERS offers engineering services and solutions in all aspects of product development and platform engineering while under P&P. HCL provides modernized software products to global clients for their technology and industry specific requirements. Through its cutting-edge co-innovation labs, global delivery capabilities, and broad global network, HCL delivers holistic services in various industry verticals, categorized under Financial Services, Manufacturing, Technology & Services, Telecom & Media, Retail & CPG, Life Sciences, and Healthcare and Public Services.

As a leading global technology company, HCL takes pride in its diversity, social responsibility, sustainability, and education initiatives. As of 12 months ending on March 31, 2020, HCL has a consolidated revenue of US\$ 9.95 billion and its 153,000+ ideapreneurs operate out of 50 countries.

How can I help you?

HCL