



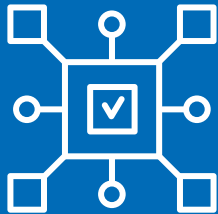
Next-gen quality assurance driven by automation

HCL optimizes QA processes and services
for a Fortune 500 media conglomerate



About the Customer

A Fortune 500 media conglomerate, which provides quality content across television, movies, news, and sports to millions of subscriber base across the globe.



The Challenge

The client worked with multiple vendors for their quality audit and automated testing services. They wanted to streamline and reduce the cost of quality assurance services as they had a wide range of complex applications and systems across the platforms.

Customer's challenges included the following:



Lower overall cost and test cycle time



Automation of smoke and regression test cases specific to tracks



A limited shared pool of testing team that is available for testing



Deploying and leveraging the standard testing methodology to increase test coverage and test quality.



Manage and improve the testing effort and providing reports to management



The HCL Solution



Minimum knowledge transfer period: Our standard transition methodology involved a minimal knowledge transfer period



Reduction of invalid test cases: Test scenarios were reviewed with the business and the technical team to capture the creation of valid test cases and user stories. The HCL team identified and created more automated testing for the sports track.



Scaled deployment: Post-go-live testing done to gain confidence in the deployment



Improved regression coverage and identification of unstable builds: Sanity testing on every test build helped better coding quality. Functional, regression, sanity, smoke, integration, and automation testing across tracks currently performed. Regression test suite updated after completion of every sprint.



Resource optimization: A scalable and cross-application trained testing team replaced the client contractors. HCL leveraged the Core-Flexi resource pool to meet the uneven demand during the test lifecycle.

Overall, HCL enabled the client to meet and enhance their business needs. HCL's leadership ensured that best practices are implemented across quality assurance tracks while maintaining close interaction with the business community and quality assurance managers. With appropriate coordination between the business and development teams and hiring resources across significant applications within the planned timeframe, we delivered proactive application testing services.

The Business Benefits



Delivered value adds to the tune of USD 386.5K



80% of manual test cases were automated using BDD for sports track



Independent quality assurance processes improvements and usage of the test management tool



Test pack preparation and test coverage improvement



Reduced cost of quality assurance services



Enhanced testing flexibility and reduced time-to-market



Cross-training of employees, minimizing transition risk



Developed open-source UI tool to replace licensed automation UI tool, thereby reducing the cost of future automation



Automated smoke and regression test execution on each build helped reduce effort, time, and early bug identification for the sports and news mediums



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HCL

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.

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