

Manual, Automation and Performance Testing for a Networking Application



TalentPace helped meeting the strategic milestones of our customer through implementing best-in-class test processes whilst meeting their own aggressive technology upgrade plans, compressed time to market to provide early returns on IT investments.

Customer Profile

Customer has excellent track record at enhancing, evolving and developing technology into productivity-enhancing business solutions and marketable products.

Customer's reputation for quality services to middle market and emerging companies has enabled customer to work with the portfolio clients of well-established venture capital and private equity groups. The team has high-visibility leaders in the high-tech industry.

Business Scenario

- Our customer is developing a product that helps achieve organizational objectives by focusing on continuous Feedback that uses social techniques, gamification techniques and semi-traditional review based techniques.
- The net result is to “improve employee performance that helps teams achieve their goals efficiently by enhancing processes in the company” such as employee performance management and also introduces innovative techniques to build effective team culture.
- The client was looking to have a partner for Testing and Quality Assurance, who can handle end-end testing requirements of this large enterprise product including Automation and Performance Testing.
- To achieve these objectives, they had to implement best-in-class test processes to meet their own aggressive technology upgrade plans. Our expertise was sought to improve the testing process, tools, and methodologies.

Solution Delivered

- TalentPace established offshore Managed Test Center (MTC) to operate and deliver software testing services.
- Define a test policy and test strategy and design the test process framework and support its implementation.
- Assist in evaluation and selection of suitable automation tools for functional, performance and test management.
- Built Hybrid framework from scratch and wrote scripts for test automation of client web application.
- Designed framework and test scripts works on Chrome, Firefox and IE by handling browser specific issues diligently.
- Framework Runs for multiple sets of Test Data provided in the Excel Files
- Framework allows independent execution of each test script also each test scenario and generates html test report both at the Sdetailed and executive level.
- Executive dashboard is created for test execution pattern analysis.
- Test failures are captured with proper screenshots.
- Automation Tests can be created even by Non-technical users using appropriate keyword functions.
- Developed Performance Test Scripts, Configured Performance and conducted Performance Testing for 1000 Virtual users using JMeter.
- Identified Response time of various business transactions and helped to improve the response time by identifying the time taken by logical functions and database functions.

Business Benefits

- .24x7 testing model led to reduction in test cycle time
- Automated regression testing
- Accelerated knowledge transition
- Quick ramp up and ramp down of resources
- Perfectly synchronized on-site/offshore set up
- Complementary on-site/offshore time zones improving the time-to-market situation
- “One-stop shop” for providing dedicated resources for various MTC technology needs
- Skilled rational automation resources
- Assurance of business requirements with established Requirement Traceability Matrices.
- Proven and unique methodology for testing
- Proven and unique methodology for testing
- Standardization of automation tools
- Continuous process improvements
- High test case coverage
- SEI-CMM Level Five and Six Sigma processes
- Direct cost savings of nearly 50% for software testing activities
- Immediate savings in software testing costs by reduction of cost of quality
- Improvement in delivery of business requirements
- Reduced costs and time by internally managing resources
- Higher cost reduction due to low on-site ratio
- Compressed time to market to provide early returns on IT investments
- High automation gains

Technologies

- Java
- Jira
- Bamboo
- Selenium WebDriver
- Selenium Grid
- JMeter



Talentpace expertise in QA services had made us believing that we have chosen a right off-shore partner. They helped us achieving our business goals on time without compromising on quality. We would look forward to work with Talentpace in the future.

Sathish Chakrad

Group Head
ThoughtFocus

About TalentPace

TalentPace is a leading new generation information technology and global consulting services company delivering IT enabled solutions to the customers from across the geographies. Deep industry experience combined with customer centric approach makes TalentPace a remarkable partner in successful business outcomes. Our strong commitment and demonstrable capabilities TalentPace always delivered measurable and sustainable services to our customers. For more information, please visit www.talentpace.com or write to us at info@talentpace.com

DO BUSINESS BETTER

CONSULTING | SYSTEM INTEGRATION | BUSINESS PROCESS SERVICES