



Automation testing of securities processing system for UK based client



TalentPace delivered fast and Effective test coverage allowed our BFSI customer to roll out new features in a quick turnaround time.

Customer Profile

Established in 2008, client has created the securities processing system for platforms, new D2C propositions, stockbrokers, and Wealth Managers. Customer provides reliable technology to underpin their customers' business in a highly regulated marketplace.

Business Scenario

- Customer's product is an advanced web-based modular platform for automated real time processing of equities, bonds and funds. Its modular design allows companies to select components to suit their needs and to increase the scope or capacity of the solution .
- The system comprised with integrated modules including custody, non-custody assets, corporate actions, settlements, payments, compliances, static data, fees/charges, transfers and documents, plus accounting and FX functions.
- Trading module includes order placement and fund manager execution for funds, as well as dealer and trade allocation for equities, and subsequent trade matching for CREST settlement.
- Customer wants to automate 486 Regression Tests of the business and support applications ensuring all functionalities are available, and working accurately as per the specified. requirements .100% of the go-live product testing had to be automated to reduce manual effort in current and future releases.

Solution Delivered

- After the initial knowledge transfer phase, we established a seamless delivery mechanism
- Automation helped in regression and re-testing of both go-live and current products for every release, there by enabling the functional team to concentrate on testing of the new products.
- Designed Keyword Driven automation framework, the automation test suite made compatible with the functionality of the application.
- Execution had to be synchronized to comply with the performance of the application while processing large data.
- The test suite has configured for execution in multiple environments.
- Our team took complete accountability for automated testing, right from the test strategy with reusability of functional test scripts, test planning including run plans preparation, test design including implementation of test design process, multiple rounds of test execution, and tool-based defect management.

Business Benefits

- 50% reduction in efforts and cost with implementing Regression Test Suite and Automation Framework.
- Reduced time to market with faster test cycles achieved by using automation tools and with Re-Usable scripts developed through Automation Frameworks.
- Improved test coverage, test accuracy and reduction in Re-work effort.
- Fast and Effective test coverage of pre and post production Environments using Automation Scripts.
- Managed by Metrics.

Technologies

- VSTS 2012
- C#
- Coded UI
- Microsoft Test Manager
- SVN



We are very happy with the team and the hard work they have put in we thoroughly appreciate TalentPace. Their efficiency and professionalism made us believing its an excellent work experience.

Manish

Director
Bablesys

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

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