



HCL HELPS A LEADING INVESTMENT BANK IN INCREASING THE APPLICATION EFFICIENCY THROUGH QUALITY ASSURANCE



CLIENT DESCRIPTION

An American multinational banking and financial services corporation and one of the world's largest financial services network spanning across 140 countries.

BUSINESS OBJECTIVES

Considering the precision requisites at banking sector, a quality assured Automation plan was sought by the client along with the following objectives:

- To increase the efficiency of applications (Equities Middle Office applications) by preparing manual functional test cases
- To ensure quality releases by executing independent end-to-end QA test cycles and release-based regression test cycles
- To enable maintenance of work and artifacts as per Service Level Agreement
- To automate regression test cases for the applications in scope in accordance with the automation plan

KEY ENGAGEMENT HIGHLIGHTS

- Functional Testing
- Automation Testing
- Regression Testing
- UAT Support

TECHNOLOGY SPREAD

- QTP and TDM tools used for Automation
- For Defect Tracking QC 10.0 was implemented
- For Database creation and maintenance MS SQL, Sybase and Oracle were used

HCL SOLUTION

Assuring those concise testing solutions, HCL carried out the following tasks with assured quality

- Performed Functional, Regression, System Integration Testing
- Provided UAT support during releases
- Created robust functional test cases for each release and updated the regression test suite at the end of each release
- Leveraged a team that had deep domain knowledge and technical expertise for testing
- Enabled domain-driven testing by implementing BA-QA model
- Implemented a factory model
- Provided support to UAT users to complete UAT testing

BUSINESS BENEFITS

HCL's testing expertise led to following advantages to the client:

- On-time quality releases: Releases went live on time without any production defects
- Regression test pack optimization: The regression test pack was reduced from 30,000+ test cases to 2200 test cases
- Reduction of time and effort: Automating the regression test pack saved up to 20 person days of effort in every release and the cycle time by at least 1 week, once the regression test pack is automated completely



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