



**QEx Success**



## 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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