QEx Success Story

HCL HELPS ONE OF THE WORLD's LARGEST BANK REDUCE TESTING EFFORTS THROUGH QEx AUTOMATION PLATFORM

FINANCIAL SERVICE

BUSINESS ASSURANCE & TESTING

CLIENT DESCRIPTION

Client is one of the largest banks in the world and its three operating segments are:

- Corporate and Investment Banking,
- Private Clients and Asset Management, and
- Corporate Investments

Its investment banking and asset management business spans across Europe, the Pacific Rim, and the America.

BUSINESS OBJECTIVES

Incurring high testing costs, HCL client intended majorly to reduce it through decreased dependency on Manual testing procedures. The key Business objectives were:

- To reduce application testing effort and cost by at least 50%
- To integrate Build Management Systems
- To automate different technical platforms and different types of tests
- To enable automation with both Waterfall and Agile methodologies
- To independently drive automation using vendor testing tools and frameworks

HCL SOLUTION

Considering the objectives we offered the following solutions:

- Developed automation scripts using UI-based QEx Automation Testing Platform
- Integrated the framework with HP ALM and continuous integration tool (Jenkins)
- Automated the Control-M batch execution jobs using QTP tools
- Created stub using Green hat tools and integrated with QTP
- Ensured that HP ALM would be the single automation repository to store test scripts and test execution results
- Developed application-specific reusable functions

TECHNOLOGY SPREAD

- HP ALM
- QTP
- HP CDA
- IBM RIT
- Control-M
- Jenkins and Selenium

KEY ENGAGEMENT HIGHLIGHTS

We engaged with the client business on three fronts

- Financial Services
- Capital Market Services &
- Investment Banking

Deploying three successful applications, the details of same could be depicted as:

	Total Test Cases/steps	Automation Coverage	Effort Reduction	Reusable Functions
App1	662	97%	94%	63
App2	219	100%	98%	103
App3	56	100%	95%	46

BUSINESS BENEFITS

Engaging with the automation requisites of the client, following were the outcomes:

- Achieved around 98% of automation coverage for three applications
- Enabled single-click automation with very minimal effort using build management tool integration
- Reduced test script development effort by nearly 20%
- Created around 212 re-usable business functions along with 20 generic functions, which reduced the scripting effort by around 60%
- Enabled manual testers and business analysts to develop automation scripts
- Executed test scripts from HP ALM

APPLICATION SUPPORT & MAINTENANCE

BIG DATA & BUSINESS ANALYTICS

BUSINESS ASSURANCE & TESTING

CLOUD, DIGITAL EXPERIENCE & MOBILITY

COLLABORATION, CONTENT & SOCIAL

CUSTOMER RELATIONSHIP MANAGEMENT

DIGITAL SYSTEMS INTEGRATION

E-COMMERCE & OMNI-CHANNEL

ENTERPRISE RESOURCE PLANNING

HUMAN CAPITAL MANAGEMENT

MODERN APPLICATION DEVELOPMENT

PLATFORMS & INTEGRATION

---

www.hcltech.com

Relationship™
BEYOND THE CONTRACT

HCL