

CASE STUDY - TO TEST THE ELECTRONIC CHEQUE PROCESSING AND INFORMATION EXCHANGE

for a leading provider of comprehensive payment and image processing solution company

SNAPSHOT

Industry
IT

Business Challenge

To increase the breadth of the test cases to ensure higher coverage that would lead to higher product stability

Omnitech Solution

- The test framework was designed in such a way keeping in mind the regular changes made in the application.
- The three leading testing tools - Test Strategy, Test planning & Test Management were designed for the uses to easy the maintenance and applicability in the environment.
- Borland Silk Test to be most efficient tool for the environment. However special custom controls were created to recognize the objects of the application which were not available in the tool.
- The critical test cases were taken on priority bases for automation. The iteration process ensured that the critical part of application is tested first and regularly.

Company Overview

Our client is a leading provider of comprehensive payment and image processing solutions designed to help financial institutions and corporations deliver innovative products and services in an ever-changing payments landscape. These solutions enable item-based transactions to be digitally captured centrally or distributed (to ATMs, branches, merchant and corporate locations), processed, archived and exchanged for total data perfection.

Business Challenges

The business challenge was to increase the breadth of the test cases to ensure higher coverage that would lead to higher product stability.

Technology Challenges

The various applications were a web based using Java technology. The applications used a lot of custom controls which made it very difficult to automate using standard test automation tools.

Business Benefits

- Increased test coverage of the products resulting in higher stability of the product
- Faster time to test due to the Test Automation initiatives
- Reduction of people dependency for Testing

Solution

Our testing team was involved right from the beginning to design the test framework. The test framework was such designed keeping in mind the regular changes in the application. The framework ensured that the testing scripts do not get affected majorly in case the application changes.

The team designed the Test Strategy, Test planning & Test Management to begin with. We then conducted a detailed pilot to identify the best tools that will suit the environment. In doing so three leading test tools were evaluated for use, easy of maintenance and applicability in the environment.

Our Team identified Borland Silk Test to be most efficient tool for the environment. However special custom controls were created to recognize the objects of the application which were not available in the tool.

Once the tool was finalized the team wrapped around the framework using Silk Test. The test cases were validated and the critical test cases were taken on priority bases for automation. The iteration process ensured that the critical part of application is tested first and regularly.

The testing team's regression cycles are a continuous activity to providing the much needed quality edge to our client.

About Omnitech InfoSolutions :

Omnitech InfoSolutions is an ISO 9001-2000 certified technology services and solutions provider company in the Business Availability and Business Continuity space. The Business Availability services include Infrastructure Management, Application Management and Performance Management services whereas Business Continuity services include Disaster Recovery Consulting and Management, Data Vaulting and Workplace Recovery Services.

Omnitech InfoSolutions is also a world-class provider of turnkey IT solutions like Server & Storage Consolidation, Virtualization, Network Integration Solutions and Data Center Management Solutions, Omnitech provides end-to-end support with guaranteed SLA (Service Level Agreements) in order to optimize infrastructure management and align IT with business goals.

Contact Omnitech InfoSolutions today for free consultation

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