

Client

A leading general insurance company

Offering

Performance Testing using Rational Robot

Company Overview

The client is a leading financial services group in Asia, with over 200 branches across 15 markets. Headquartered and listed in Singapore, client is a market leader in Far East Asia with over four million customers and a growing presence in the key Asian markets and Middle East.

The client provides a full range of services in consumer, SME and corporate banking activities across Asia and the Middle East. As a bank born and bred in Asia, client also understands the intricacies of doing business in the region's most dynamic markets. This market insight and regional connectivity have helped to drive the bank's growth as it sets out to be the Asian bank of choice.

Growth

Positive impact on revenue growth with support to large concurrent user base

Efficiency

Gained faster turnaround time with improvement in the Application's Performance

Cost

Testing in Incremental fashion enabled client to save on operational cost

The Challenges and Our Solutions

The client wanted to test the motor insurance application for its entire insurance claiming cycle from booking of the insurance, to claim cycle and settlement.

The challenges vis-à-vis solutions delivered by Omnitech are as below:

Challenge : When the user level increased more than 150, the application response time degraded significantly and the system crashed. Hence, the business challenge was to simulate and capture response time under various user loads i.e. 100, 150, 200, 250, 300 and 350 users to claim with nature of loss as Partial theft, Total theft, Third Party and personal accident.

Solution : The testing was done using "Incremental" performance testing methodology with rational tools wherein, the test is analyzed by gradually incrementing the user load until the entire user load is reached.

Challenge : The various applications within the solution were 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.

Solution : Automatic code generator for Keywords in QTP was used once the fields and its type were known.

Benefits

Omnitech delivered the following benefits to the client:

- The client was able to improve the application's performance tremendously because of thorough analysis of performance issues and their related resolutions.
- Performance testing in incremental fashion enabled understanding of the break point.

About Omnitech InfoSolutions

Omnitech InfoSolutions Ltd (BSE: 532882 NSE: OMNITECH) is a global IT services company embracing strong competencies in IT Outsourcing as well as Managed Services since last 2 decades. Omnitech leveraging innovation and operational excellence, deliver measurable business value to the global Emerging Enterprises as their Technology Transformation Partner. Committed to customer delight, we have established the best global credentials through the conduct of world class quality certifications like ISO 9001:2008, ISO 20000, ISO 27001-1 & 27000-2 and BS 25999.

Contact Omnitech InfoSolutions today for free consultation.

Omnitech InfoSolutions Ltd - Headquarters
Omnitech House, A-13, Kondivita Road, MIDC, Andheri East, Mumbai, Maharashtra 400093
Tel: +91.22.4095.6666 **Fax:** +91.22.4095.6565

To know more about us, contact marketing@omnitechglobal.com or visit www.omnitechglobal.com

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