

## Test Automation Application for Insurance Company



### Background

The client is a large multi-line insurer in the property/casualty field offering insurance products through agents/brokers and business partners, specializing in personal automobile, homeowners, and workers compensation policies.



### Challenges

The client's certificate management system is an Intranet based J2EE application, used to issue certificates of insurance for all lines, including auto and property insurance. The users of the system are account service representatives located in the client's sales offices. The system manages templates, certificates, certificate holders, policy, and account information and is being extended to manage fleet lists and Auto ID Cards. The testing needs of the application are huge. Enhancements are incremental and functionality is very complex, with test scripts taking hours to run. Trianz was engaged to undertake automated test-script development and maintenance to improve the testing process.



### Business Execution Approach

Trianz – partnering with the client to meet the complex testing requirements for its applications – leveraged its strong foundation in testing methodologies and processes to support the needs of the client. The scope of the project involved maintaining and developing robust test scripts for different test areas related to applications using WinRunner. The development of test scripts included analyzing test cases, requirements gathering, and analyzing the current state of application. These were undertaken before developing the actual regression testing scripts. Trianz handled the scripting of functional areas of the application based on client requirements for test automation, modified the existing test scripts based on changes in application functionality, supported the onsite QA team for all requirements, executed validation of Test Scripts, and developed functions for common usage.



## Technology

WinRunner 8.0, QTP, Ms Access, CVS, WinCVS, Tempest (An In-house developed Test Management tool), TSL, Windows 2000, and VPN Connectivity



## Successful Business Results

Some of the client benefits of the project are the following:

- ▶ Testing platform helped the client improve time-to-market and accelerated detection of application failures
- ▶ Client experienced an increase in test coverage and a reduction in manual effort
- ▶ Bugs found in the application during test script development process were reported

### About Trianz

Trianz is a dynamic and fast growing firm that helps leaders in client organizations formulate and execute operational strategies to achieve business results from a senior management perspective. With a focus on Business Digitization, Analytics, Cloud Enterprise, Mobility and Cloud Infrastructure, we bring the best of consulting and technology experiences, execution models, and IP to deliver consistent success to clients. With offices in Silicon Valley, Washington DC Metro, New York, Bangalore, Chennai, Hyderabad, and the UAE, Trianz serves a wide range of clients from *Fortune* 1000 to emerging companies in high tech, insurance, financial services, retail, life sciences, public sector and logistics industries.