



## Performance Testing Services

### A Large Specialty Insurance Provider in the US

The client is an American property and casualty insurance company.

#### Project/Service Category

Testing

#### Technology

Silk Performer

#### Benefits

- HTC's standardized and independent testing unearthed bottlenecks
- Improved transaction throughput capacity that reduced outages during peak hours
- Faster 'time to market' of new products enabled by dedicated testing environments

#### Background

The client's requisite was to keep abreast to consumer expectations and to dramatically improve their application's performance. The .NET based version of the client's Personal Umbrella Policy - Full Life Cycle (PUP-FLC) application was

down with numerous performance and functional issues including:

- Poor response time
- Frequent system outages during peak hours due to application bugs and performance issues
- Lack of dedicated testing environments, and artifacts delay in time to market

#### Solution

HTC assessed the client's environment, infrastructure, processes and application complexity and delivered a solution for performance validation and tuning.

The test team initially documented different business scenarios and prepared test case scenarios for validating the functionality of the application. By leveraging our QA expertise and experience, the team was able to develop a testing model.

The team also developed the documentation of application flows, critical paths and iterations, defined various types of testing to be conducted, including load test, stress test and scalability test, and coordinated with the development and infrastructure teams in scheduling the activities.

HTC developed and verified the test scenarios and test scripts for automated execution of simulated load, analyzed test results, identified problem areas and triaged possible causes.