

exterminating application risk

LEVERAGE POINT



Leverage Point Corporation
417B W. Foothill Blvd. #164
Glendora, CA 91741
626-857-9446
info@levpoint.com
www.levpoint.com

A benefits administration organization struggled with effectively testing a new system with little time and no experience. Leverage Point provided the expertise necessary to ensure project success.

Client Background

A benefits administration organization with no internal QA function was replacing a core legacy system, after 17 years, with a new web-based system developed by a third party. Along with the fact that neither the IT organization nor the business users were accustomed to new system development or adoption, the requirements documentation was also very incomplete.

The client was faced with a phased implementation approach that would require a significant amount of functional, regression and performance testing across multiple incremental implementations spanning more than 18 months. But the delivery schedule for each iteration provided only a small window between code-drop and production.

Leverage Point Approach

Leverage Point quickly deployed an on-site testing team to begin requirements analysis in order to scope the testing effort and implement a risk-based testing approach. At the same time, a Leverage Point Performance Testing Expert oversaw the purchase and implementation of a popular performance testing tool and established and executed a performance test strategy.

Leverage Point also oversaw the selection and implementation of a test automation suite, and defined and deployed a defect reporting and tracking solution to manage the rollout. At the same time, Leverage Point built a User Acceptance Test approach, coordinated client resources and managed the UAT process throughout the first implementation phase.

Due to the tight time constraints and multiple test iterations required, test automation would be key to successfully testing the application across the project lifecycle. But test assets would need to be developed by the business users who had little or no experience with any type of testing, much less automated testing.

The answer was the development of a custom Test Automation Framework that combined the best of Keyword Driven, Data Driven and Unit Testing techniques to provide a simple to use platform for the quick creation of automated tests. One of the key challenges in developing the framework was the fact that it had to be designed so that tests could be created before the application was even available. Usability was a primary focus of the development efforts, and in some cases, users were able to start creating test assets after only two hours of framework training.

The Leverage Point team implemented comprehensive quality metrics and reporting as part of the project. Client management was able to easily and continuously assess progress and project risk in real-time, and use that data to make informed decisions regarding development and rollout.

Leverage Point's approach allowed the client to meet its Phase 1 deployment objectives and sustain an ongoing QA effort that ensures the quality of every release, cost-effectively.

About Leverage Point

Leverage Point Corporation was founded in 2006, with the sole objective of helping our customers realize an unparalleled level of application quality by providing the best Quality Assurance teams and resources matched exactly to their needs. Leverage Point serves numerous clients with Software Quality Assurance Consulting and Staffing, Outsourced Testing, Test Automation Framework Development and Testing Project Support.