

## CASE STUDY

# Test Strategy and Execution for a Legal Software company's Product Suite

## About the Company

The company offers technology solutions to legal professionals across New York and New Jersey courts to simplify and streamline case research and tracking. Their services enable law firms and corporations to productively manage their case loads using cost effective systems for searching and monitoring.

## The Challenge

Formal test planning was an integrated part of their software-development life cycle. However, in the absence of documented requirement specifications, it was difficult to prepare comprehensive test plans in sync with product development plans.

The company wanted to migrate their products from legacy software to new platforms. Therefore, testing of the migrated applications was of paramount concern. The company also had rapid and frequent changes to product release dates, making formal test planning even more difficult.

## The Objective

The objective was to provide comprehensive test planning and execution processes to make product releases more predictable and error free. The test plan was to include comprehensive testing methodologies such as exploratory testing, comparison testing and regression testing to help fix issues impacting the quality of the application.

## Trigent's Approach

Trigent's test experts gathered test requirements from the client's business users and product managers and performed exploratory testing to understand the length and breadth of test scenarios. Trigent team also explored the legacy systems to gather the testing requirements and performed comparison testing for their migrated application to identify potential untested scenarios and possible areas of field failures.

In order to deal with unplanned releases, Trigent team discussed with the client and prioritized critical features to be released and fixed bugs associated with the features. The team also prepared a data-driven framework for regression testing using the Selenium tool.

## Highlights

- ✓ Maximum test coverage within given time-line
- ✓ Reduced preventive cost by identification of holistic test cases and exploratory testing
- ✓ Handy and effective scripts to verify all regression bug fixes in the application
- ✓ Documentation helped clients know the problem at hand