

## CASE STUDY

# Test Automation Services for an Intellectual Property (IP) Law Firm



## OVERVIEW

The client is a leading Intellectual Property (IP) law consultancy firm in Minneapolis, Minnesota, providing specialized legal services for acquisition, prosecution, and enforcement of patents, trademarks, and copyrights.

## CHALLENGES

The client's existing product was a FoxPro-based web application for law firms that calculated and managed fees and expenses incurred in the patent and trademark prosecution process. They wanted to re-engineer this application into an enriched browser base due to Microsoft's product support issues—and to ensure a rich end-user experience. The application required a state-of-the-art web base for the enhanced version of the application and consistent QA activities to ensure a quality and highly functional solution with better documentation.

### INDUSTRY

- Legal

### SERVICES

- Test Automation
- Technical Upskilling

### TECHNOLOGY

- Selenium
- ASP
- MS SQL
- Test Link
- QTP
- JIRA
- IIS



The requirements were as follows:

- Creation of test scripts
- Release package configuration control and verification
- QA testing (Black Box)
- Maintenance of QA environment, functional documentation, manual test cases and automation scripts

## **SOLUTION**

Contata offered comprehensive QA testing services to the client, including test creation, application maintenance, and support solution. Our team performed a variety of tasks, such as:

- Gathering information from insufficient test cases.
- Integrating and certifying upcoming release using automation test scripts.
- Coping up with the client's existing QA team's lack of technical skills.
- Training the QA team to manage test scripts.
- Identifying, defining, and reusing common features/components for different clients.

While keeping the original application design in place, Contata shifted the application's base to an up-to-date web browser. We performed automation testing services for the product, reduced regression testing timelines, and ensured good quality code and deliverables.

Each release went through a rigorous testing cycle to meet release objectives while being in sync with the existing application's functionality.

QA played a major role in issue analysis and design reviews for new enhancements. Insights and thorough testing procedures contributed to the overall success of the product, ensuring a stable and feature-rich application for the end-users.

The engagement was based on a fixed capacity model for reliable maintenance and hosting of the client's business critical application.



## BENEFITS

- Up to 80% cost savings on running each regression test cycle
- Up to 30% time savings on automation testing
- 85% of 'as is' test scripts utilized during multiple releases
- Enhanced test coverage as a result of test automation
- Ran scripts on multiple platforms
- Minimized business interruption costs

## About Contata

Contata Solutions is a trusted leader in technology and digital innovation. Through our work in data engineering, data analytics, machine learning, marketing automation and app development, we deliver solutions that address complex problems in ways that are simple, insightful and impactful.

Our promise and value proposition to our customers is simple: we leverage our deep technical expertise and global presence to bring software products and data-driven decision capabilities to life.

Founded in 2000, Contata is a privately-held company headquartered in Minneapolis that serves clients globally from offices in the United States and India.