

Automation Testing of Desktop Applications for Accounting and Practice management SaaS provider



A leading SaaS provider for the professional services industry with more than 100,000 users worldwide benefits from the most complete product portfolio in the industry, including practice management and case

management solutions, tailored cloud options, document automation, and payment processing.

The Challenges

- Low end-customer satisfaction with products
- High test cycle time
- Higher cycle time for robust test coverage in every sprint
- High costs

Quarks Solution

Quarks provided end-to-end automated testing in an Agile environment, utilizing only open source tools for automation:

- Hybrid Test Automation and implemented the continuous delivery using WinAppDriver, TestNG, Sikuli, Jenkins etc
- Automated Test Bed Creation
- Test Reporting Dashboard

The Benefits

Quarks innovative solutions helped:

- Achieving 99% test coverage
- Early detection of defects by ~75% by Shift-left automation
- Reduced software delivery cycle from 1 Quarter to 1 month