

Regression Test Automation Solution for Better Quality and Accelerated Release



About the Client

The client is a leading provider of knowledge management solutions for life sciences researchers. Today, client's products are used by thousands of researchers at hundreds of leading pharmaceutical, biotechnology, and academic research institutions worldwide



Business Needs

Perform regression test automation and design long-term Quality Assurance strategy to improve product stability and establish predictability of test cycle execution times.



Solution

- Developed a SilkTest automation testing framework and automated around 85% of the test cases
- Injected Bio-Science experts to the test team to improve test coverage
- Added 2,000+ test cases in the first month of the engagement
- Regression cycle was reduced from 6 weeks to 2 weeks
- Decline of more than 25% in customer support call volume
- A comprehensive regression test automation solution created in less than 30 days

Designed 12,000+ test cases over a period of 5 years which is now covering 95% of the product's functionality

Automation Framework

