ArisGlobal achieves Rapid Test Automation using Sahi Pro

About ArisGlobal

ArisGlobal is a global provider of R&D software solutions and consultancy services dedicated to serving life sciences companies in the management of their clinical trial, safety and regulatory information. Currently, more than 200 life sciences companies and CROs around the world rely on ArisGlobal. Their unmatched experience in solving the real-world research and development needs of companies and organizations, including top pharmas, biotechs and devices, CROs and regulatory agencies, makes ArisGlobal an established market leader in every ICH region. They provide leading solutions for adverse event reporting, regulatory tracking and e-Clinical. 32 of the top 50 pharmas rely on ArisGlobal solutions.

Challenges

ArisGlobal started test automation with one of the leading commercial tools. Due to limitations in supporting automation for their products, they moved to an in-house test automation framework based on Watij and Selenium. Existing testing tool had no record and play back feature. Secondly, there were no available relative APIs. Thirdly, complex conditional automation could not be automated as the tool used did not support scripting. Lastly, maintaining an object repository was mandatory. This was a major effort for maintenance.

Solution

Based on business requirement for rapid test automation, ArisGlobal decided to use Sahi Pro. The record and playback feature, along with the keyword and data driven test support in Sahi Pro, was used by ArisGlobal to it's advantage.

ArisGlobal used Sahi Pro for functional testing including testing of specific functionality for ArisGlobal products. ArisGlobal also used Sahi Pro for integration testing and user acceptance testing. The web technologies that were used included

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JSP   JSF   HTML   HTML5   ExtJS   .NET

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Benefits

ArisGlobal achieved the following benefits while using Sahi Pro Web Test Automation tool.

- The record and play back feature reduced the time required for testing scenarios which require repetitive manual tests.
- Data driven test support in Sahi Pro helped reduce testing cycles with multiple test data sets, thus improving the test coverage.
- Extensive APIs along with support for native JavaScript helped automate actions on any application, irrespective of the underlying technology
- Positional Relation APIs help automate controls even without specific unique identifiers.
- Reduction of time by 70% for multiple report generation for one of the products.

Customer Quote

''Sahi Pro provides a one stop solution to most of our test automation requirements.It's innovative feature of smart combination of record-playback along key-word generation for key-word driven tests and data- driven tests and suite executions makes it a unique test automation tool to meet the demand for rapid automation.'' -Dr. Kailash K P Chanduka (PhD), Head- Testing Shared Services, Aris Global Software Pvt. Ltd.

About Tyto Software (Creators of Sahi)

Sahi Pro, the flagship product of Tyto Software, with its simplicity and power, increases the efficiency and productivity of Quality Assurance and Testing teams in their web test automation process. Its features like good recorder, automatic waits, inbuilt frameworks, and automatic reporting reduces the team's technical expertise required, ensuring faster delivery cycles, especially in agile environments.

Headquartered in Bangalore, India, Tyto Software has helped more than 350 enterprise customers across diverse industry verticals including Banking and Financial Services, Healthcare, IT Services, IT Products, Retail, Media & Entertainment, Telecom and Government.

For more information,
please visit **http://sahipro.com**