

MetricStream achieves quick ROI using Sahi Pro Web Test Automation Tool

About MetricStream

MetricStream is a market leader in enterprise-wide Governance, Risk, Compliance (GRC) and Quality Management Solutions. Their market-leading enterprise and cloud Apps for GRC enable organizations to strengthen risk management, regulatory compliance, vendor governance, and quality management while driving business performance. Leading companies across industry verticals are benefiting from MetricStream's simple and modular approach to GRC that is transforming risk management in a business environment that is increasingly mobile, social, global, and virtual. MetricStream solutions are used by leading global corporations to manage their risk management programs, quality management processes, regulatory and industry-mandated compliance and other corporate governance initiatives.

Challenges

MetricStream started test automation with one of the leading commercial tools. The license cost on this tool was comparatively huge. This tool required professionals of specific skills and took more time for preparing functions and automating the test cases and execution. Also, this tool could not execute in multiple machines or in cloud VMs or in Continuous Integration environments. Lastly, there were browser and OS dependencies of this tool.

Solution

MetricStream software products, an integrated solution for Governance, Risk, Compliance (GRC) are web based applications built on technologies like Java, Ext JS, Ajax. Sahi Pro Web Test Automation tool has been used in the areas of Frontend UI Validation, Functional validations of Fields available from different pages like Reports, Dashboards, Color conditions, Date, Workflows Validation, Backend Data validation from Oracle Database, Excel data validations/comparisons, File objects system validations, Download and upload data/ files.

The overall Test Automation team size at MetricStream is of 5 people which works on functions developed centrally and are used to execute test suites of 18 products. They test products in agile methodology and in continuous integration.

Benefits

Sahi Pro Tool and its simple APIs are easy to understand and implement with data driven automated test suite within a few days. This made automation easier and more efficient for MetricStream.

The non-technical team members are able to learn and participate in automation process quickly.

MetricStream achieved the following benefits while using Sahi Pro Web Test Automation tool:

- Smart Assessors capability of Sahi Pro helped to prepare common functions reusable for cross browser testing. In MetricStream applications, Sahi Pro identifies 90% of UI objects.
- Built-in Excel framework of Sahi Pro helped to prepare executable suites in 2 to 3 hours with reusable test cases and different data sets for new feature.
- The cost of Sahi Pro was less than QTP, our previous automation tool
- Using Sahi Pro, the overall regression test time was brought down to 1/3rd of Manual testing, resulting in an average savings of 70% to 80% on man hours of manual testing.

- In an agile process, Sahi Pro helped to integrate with Jenkins and SVN to test builds in Continuous Integration.
- Sahi Pro support team is awesome and helped with resolution on time.
- Inbuilt synchronization helped avoid unwanted hard waits
- Parallel execution on different types of browsers helps in browser certifications

Customer Quote

"We have been able to meet our automation goals after starting to use Sahi quickly and without the need to hire resources with specialized skills. The Sahi team has always been available to provide quick turnaround on support issues. Sahi team has always been open about including specific challenges that we encountered into their roadmap." Anil Bhat, Associate Vice President, R&D

Journey of Automated Testing at MetricStream

- MetricStream is using Sahi Pro Web Test Automation tool for the past 2 yrs 6 months which started showing ROI and testing teams are happy to use tool.
- MetricStream continues to use Sahi Pro tool to test the applications enabled for use on mobile/tablet.
- MetricStream believes that Sahi Pro is best tool for DevOps, which is being implemented in R&D this year; Sahi Pro is flexible for various types of testing strategies; Sahi Pro is scalable to achieve quick ROI.

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,
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