

SELENIUM AUTOMATION TESTING FOR A LEADING TRANSPORTATION SOLUTIONS PROVIDER



Automation makes your life easy

ABSTRACT

A case study on how SrinSoft helped a US based leading Transportation solution provider in establishing formal Automation testing process with selenium, for efficient functional and regression testing of their Products and solutions.

About SrinSoft

SrinSoft Technologies is multi-disciplinary IT & Engineering services firm delivering software and engineering services to enterprise customers worldwide. We develop and implement high quality and cost effective software solutions using our rapid application development strategies. Our goal is to ensure that our clients can depend on a single and reliable partner for all their IT needs instead of having to deal with multiple vendors and service providers.

About Client

A leading Transportation solution provider, they exclusively focused on providing innovative Internet-based and integrated onboard computing and mobile communications systems to improve America's trucking industry's fleet management. Its products are used by nearly 2,000 truckload, LTL, private, and service fleets in the United States and Canada, including several Fortune 500 companies.

Business Challenge

Client is a leading Transportation solution provider offering insights and intelligence through analytics to Transportation and Truck industries.

With a challenge to release products to market frequently, client has incurred number of challenges in defining a QA strategy and processes, as well as measuring its effectiveness.

Lack of standardization in the processes and procedures in the absence of a testing team, has resulted in lack of focused testing efforts while the product features kept rolling into Production, only for the end users to encounter these major defects. This became a considerable threat to product acceptance and quality.

The client emphasized that it's important for them to roll out a good quality product every iteration to increase their sales and sustain.

SrinSoft Role

Being an independent software testing service provider with an experience of over 10 years, SrinSoft took up the challenge involving

- Understand current challenges and define process goals
- Integration of a formal QA process into client processes
- Analysis of Business Requirement Document
- Proof of Concept
- Design Test Plan, Test Case and detailed Test Scripts
- Support iterative release

SrinSoft has efficiently integrated QA process into iterative development model that client has already been using.

Testing Offered

Automation testing offered with selenium for Website testing and Mobile testing. The testing includes

Functionality testing

Unit testing

Browser Compatibility testing

End to End testing

Regression testing

Different OS Testing

Solution Benefits

Our dedicated team of Test Experts enabled the client to:

- Achieve smooth integration of QA process with quick turn around
- Identify majority of critical defects early in the development cycle reducing overall bug fixing costs
- Take informed decisions before every release utilizing our detailed defects and observation reports
- Increase customer base and revenue by identifying defects at very early stage of development