compassites
digital transformation experts

POLITICO

Client Profile:

Our customer is a political journalism organization based in Arlington County, Virginia, that covers the issues, ideas and personalities behind politics and policy in the United States and in the global arena. They publish newspapers in print and online editions. Its print and online editions provide education for coverage and analysis of Congress, the White House, politics, and lobbying.

Business Situation:

Our customer provided both free and subscription based content to its online users. They used a content management system at the back end for its editors to create and publish content real-time. Similarly, for the subscription based user they need to provide appropriate content and not provide access to unsubscribed content.

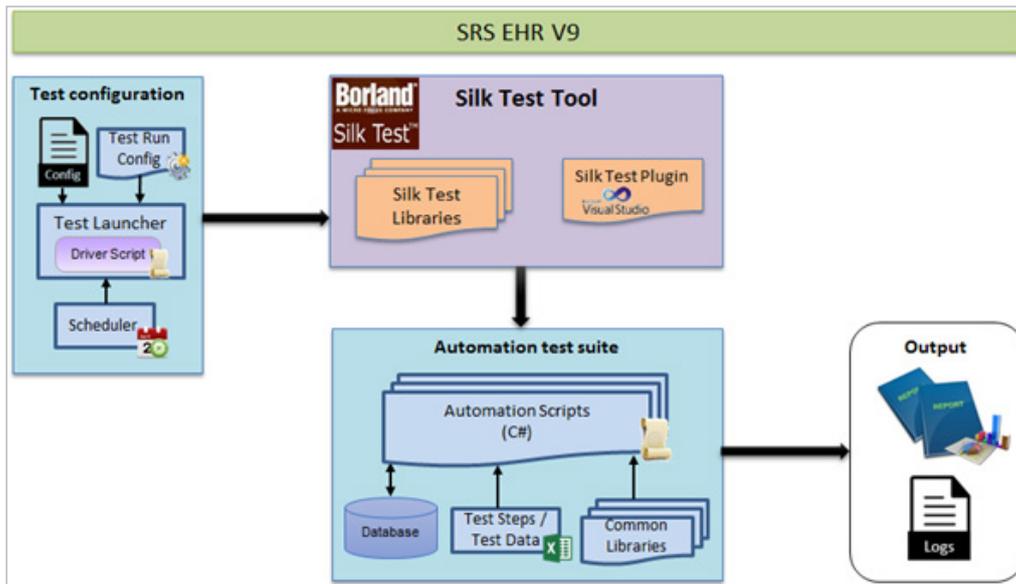They faced two major challenges in ensuring appropriate content being published in the online edition:

• Test Coverage - Several hundred test cases need to be executed to check the published content. In addition the test engineer need to manually check the links provided in the content. This process consume significant time and there was a trade-off in executing all the test cases.

• Compatibility – The online edition needed to be tested in several browsers, given the time and manpower this too was often compromised.

Solution Approach:

Upon a detailed assessment of the customer processes and challenges, Compassites proposed an automated regression test suite to address the challenges.
Along with the client, Compassites decided that the best option would be select an open source tool combined with a custom framework that allows us to:

¤ Reduce the time to create scripts

¤ Develop components that could be reused by all scripts

¤ Create automated reports

¤ Reduce the time to maintain the scripts

¤ Chat integration- for better customer support

¤ Push notifications

Benefits & Results:

¤ **Compassites** helped customer reduce the test execution time by 40%, increase test coverage, add new test cases without affecting schedules.