

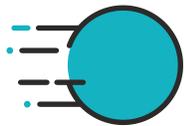


## Test Automation Helps a Leading Insurance Company Achieve 70% Reduction in Test Execution Time

Our client is a leading provider of SaaS platform for insurance procurement and management. Their platform supports sales, quoting & enrollment, plan administration, billing & collection, and advanced analytics.

The client serves several of the nation's top insurance providers and adds new carriers every quarter to their platform. Supporting multiple group and voluntary benefits programs from these carriers increased the

complexity manifold. The client had an aggressive timeline to release new functionalities and support new carriers. The testing needed to cover complex rules and data validation across multiple carriers and insurance programs. Due to aggressive release schedules and sprint timelines, testing was compromised, which led to incomplete testing and cost overruns.



**25%**

Increased sprint velocity



**70%**

Reduced test execution time



**85%**

Automation test coverage



**90%**

Reduced defects in released software

### Accelerated testing by 10X through automation, streamlined CI/CD pipeline

Shortened release cycle time from once a month to 2 weeks



Trigent built test automation strategy that covered key business process flows, user experience, technology integrations, and performance. As part of the strategy, we focused on improving the test coverage through effective data selection mechanisms and combinatorial optimization.

Trigent's automation engineers developed robust automation test suites that utilized Selenium for UI testing, SoapUI & Postman for API testing, and JMeter for performance testing. Trigent set up a CI/CD pipeline that allowed test suites to run quickly, and parallelly across multiple environments. The team adopted continuous, left-shifted testing, for both functional & non-functional needs. More than 300 business flows were validated through automated scripts and reduced the release testing schedule from 2 days to 1 hour.

#### Tools Used

