



Leading American retailer saved USD 210K and reduces 80% testing efforts during SFCC to SFRA migration





Challenges:

- Smooth migration from SFCC to SFRA with proper third party integration
- Validating feature-rich work modules of the application
- Developing 900+ test scenarios within given time frame

Solution:

- Used an AI-driven test automation framework with low maintenance
- Generated detailed test reports and results
- Improved overall efficiency by using test automation tools
- Created 120+ Integration and End-to-End test cases
- Developed 800+ Point of Sale test cases

About The Customer

Our Customer is a leading American retailer operating for 100+ years. Currently, their 240 odd stores are spread across 33 states, which include a few pop-ups. This retailer specializes in casual apparel, footwear and accessories for youngsters with an extensive selection of iconic global, emerging and proprietary brands which are rooted in active and social lifestyle.

The Needs

Our client had the following business needs:

- Smooth migration from SFCC to SFRA with proper third-party integration
 - Implement a more mature and scalable test automation solution
 - Build separate test suites for smoke and regression testing
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The Challenges

Meanwhile, they faced the following business challenges:

- Validating feature-rich work items by collaborating with client's quality assurance efforts was difficult
- Developing 900+ test scenarios within a given time frame was tedious



Benefits:

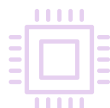
- USD 210,000 saved by speeding up regression cycles with 80% rapid build releases
- Saved 88% testing cost and reduced 80% testing efforts
- Achieved 70% of test coverage with respect to Storefront E2E and Functional test cases *automation suites*
- Supported production releases for SFCC every 2-4 weeks and for SFRA by next month
- More than 500 defects reported for SFRA
- Reduction of resource needs and testing costs
- Quicker regression cycles achieved

Aspire's Solution

Aspire's Test experts understood the client's challenges and needs and performed End-to-End and Integration testing which covered all aspects like Demandware/SFCC, EOM, POS, TSM, WMS, CRM and SA. This includes:

- Creation of 120+ Integration and End-to-End test cases covering order creation, order fulfilment, sales posting and other various omnichannel scenarios
- Created 700+ SFRA manual test cases
- Development of 800+ Point of Sale test cases
- Validated storefront, XML and EOM system using a single test automation framework
- This entire Testing engagement was performed using 8 resources during peak period that includes supporting both SFCC and SFRA sites

Technology Snapshot

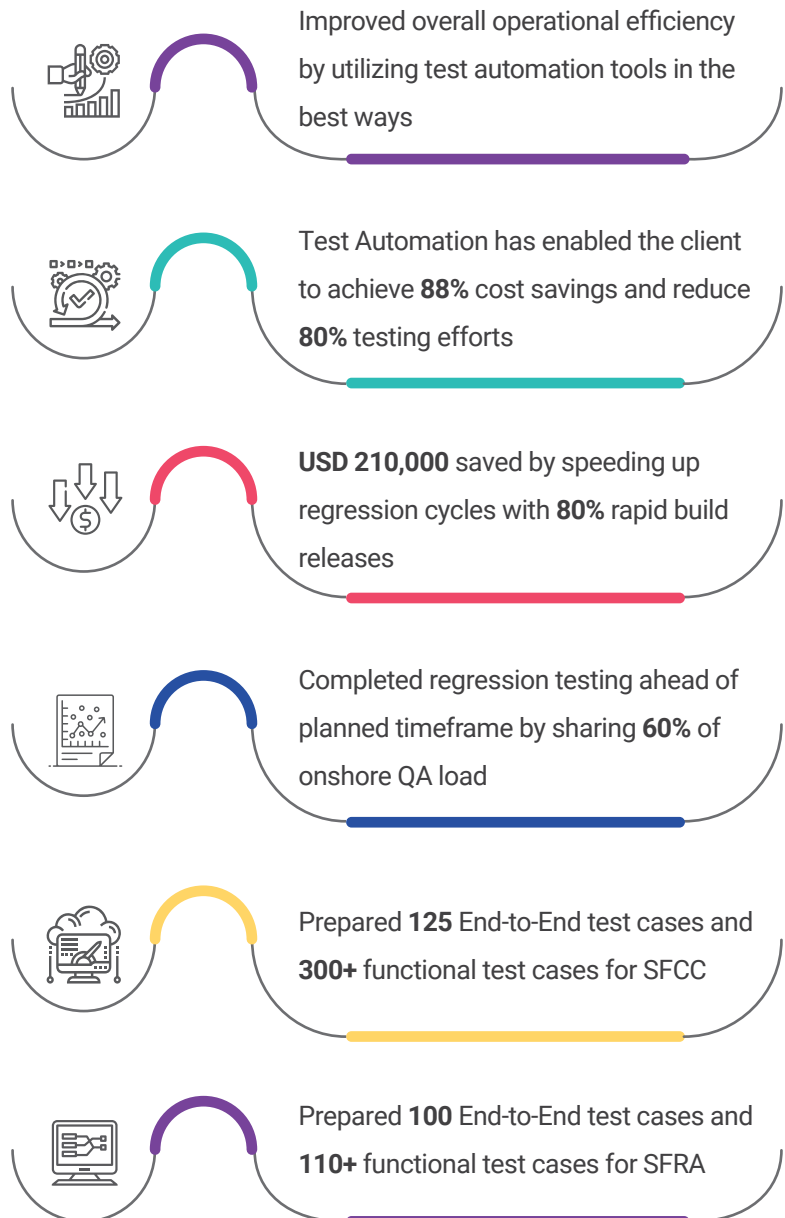


- » **Platform:** SFCC/Demandware
- » **Retail management:** APTOS-EOM, SA, CRM and many integration systems
- » **Test management:** Selenium, Java, TestNG, Maven, Jenkins, Eclipse, Test link, Extent reports, Git, SVN
- » **Bug management:** Jira



Benefits

Following were the business benefits achieved by the client:





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