

# Retail Testing



**The Client:** The largest specialty retailer of men's suits and the largest provider of tuxedo rental product



## Business Requirement



Validate four web based retail applications: POS, e-Commerce, Warehouse management, and Logistics to ensure stability under different loads



Identify and automate test scenarios of the "Online Retail PoS"



On - demand QA to execute regression suite | Measure test coverage and effectiveness



Automate the bar code scanning process | Validate the Coupons & Promotions through automated script execution process



## Our Solutions



Adopted a hybrid driven approach to achieve automated test execution in multiple brands



Customized iSAFE – Test Automation Framework according to the requirement



Performed exploratory testing for application flow | Integration validation of application to verify compatibility issues



200 critical business scenarios were automated | 900+ defects were found out of which 160 were show stoppers.



Performed load testing of two retail web application & Mobile application for 1500 concurrent users | Built 300 effective automated reusable test functions



## Business Impact



Increased user base by making the application comply with Web Content Accessibility Guidelines (WCAG) 2.0



Provided 100% coverage of regression test automation using our customizable iSAFE framework



Achieved 99% DRE (Defect Removal Efficiency) in every production release



Reduced test execution time by 66%



Enhanced the revenue by proposing business process level recommendations

**Technologies:** Front End: Java Back-End: Universe DB, Oracle

**Tools:** Test management: JIRA & HP QC | Functional Testing : HP UFT | ADA Testing – JAWS | Performance testing tool: HP Performance Centre