



Leading American E-commerce app achieved 25+ production releases and zero defects with Aspire's End-to-End Integration testing





Challenges:

- Develop 300+ End-to-End test cases for SFOM and integration modules
- Integration testing of modules under strict deadlines

Solution:

- Integration test cases for all modules were created
- 300+ SFOM End-to-End Test cases were created by considering vast variety of combinations of regions, order types, products, checkout options, promotions and shipping types

About The Customer

Our customer is an American retail store chain offering fashionable jewelry and accessories at affordable prices for young women, teens, tweens, and kids with a wide range of iconic global, emerging, and proprietary brands rooted in an active and social lifestyle. They operate 3469 stores in 27 countries of which 1547 are in USA and Canada, 1141 in Europe and 381 franchised or licensed stores in other countries including Japan, India, Mexico, Turkey and the middle east.

The Needs

Our client had the following business needs to:

- Perform integration testing of all software modules within a given timeframe
- Cover Integration testing of SFCC, SFOM, SFCMC, WMS, store picker app and Avalara validations

The Challenges

Our client faced the following business challenges:

- Completing regression testing quickly due to time constraints posed by global presence of client
- Developing 300+ End-to-End test cases for SFOM and various integration modules
- Tricky deadline management as the job run completion in Anypoint platform has to be synced across time zones
- Proper sync of testing of a real-time scenario in WMS/Store as testing team and client were in vastly different time zones



Benefits:

- No defects in production
- 100% test coverage
- 500+ Test cases prepared and 300+ defects reported
- 25+ production releases supported
- More than 25 production releases supported benefiting 20 million production users across all products

Aspire's Solution

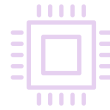
Aspire's Testing experts understood the client's challenges and needs and performed End-to-End and Integration testing which covered all aspects such as SFCC, WMS, Store, Anypoint platform and Avalara applications. This includes:

- Performed comprehensive testing with zero-defect leakage and 100% test coverage
- Development of Integration Test Cases for the modules such as Fulfillment Order export, Shipment export, Invoices and Refund, Return Receipt Import, SFCC Inventory update, SFCMC Order canceled, SFCMC Order picked up, SFCMC Ready for pickup, Tax Avalara export, Sales Order History, and Ship Confirmation import
- Development of 300 SFOM E2E Test Cases by considering all possible combinations of regions, order types, products, checkout options, payment options, promotions, and shipping types
- Development of Omni-Channel Functional test Cases for the storefront and Order Management System (OMS) modules such as order orchestration, fulfillment, payment, tax exemption, promotions, returns, inventory, subscription, store allocation, discounts, item price inquiry, and order history
- Development of End-to-End test cases by considering shipping type, order type, fulfillment type, promotion, tender type, and product availability





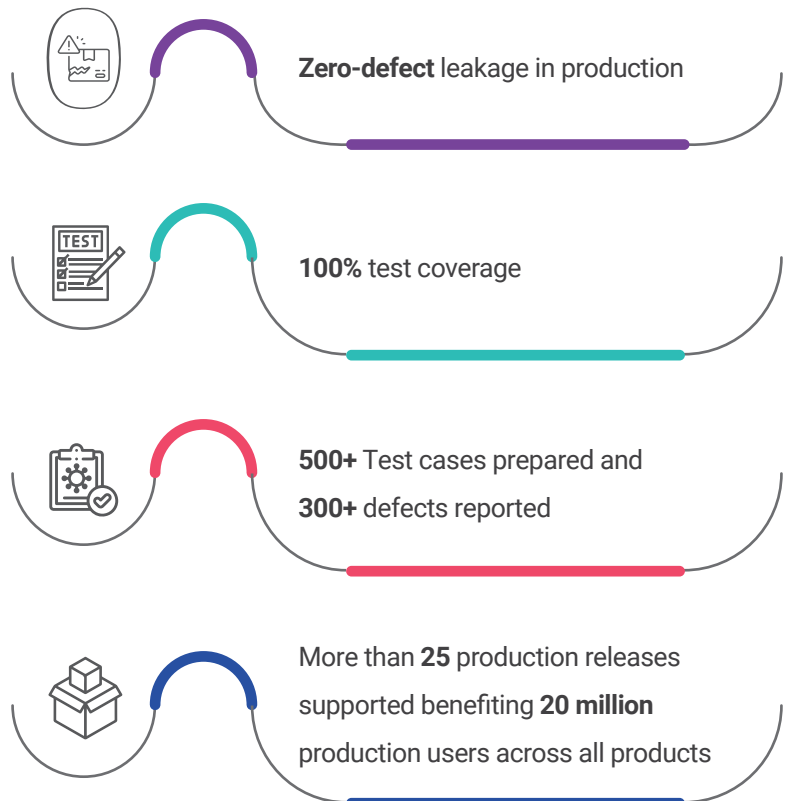
Technology Snapshot



- » **Platform:** Demandware (Salesforce – SFCC, SFOM, Demandware, Mulesoft Anypoint. WMS/Store/Proship)
- » **Bug Management:** Jira
- » **Test Management:** Jira /

Benefits

These were the business benefits achieved by the client:





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