

ABOUT ASPIRE

Aspire Systems is a global technology services firm serving as a trusted technology partner for its customers. The company works with some of the world's most innovative enterprises and independent software vendors, helping them leverage technology and outsourcing in Aspire's specific areas of expertise. Aspire Systems' services include Product Engineering, Enterprise Solutions, Independent Testing Services, Oracle Application Services, Digital Services and IT infrastructure & Application Support Services.

The company currently has over 2000+ employees and 100+ customers globally. It has a growing presence in the US, UK, Middle East and Europe. For the seventh time in a row, Aspire has been selected as one of India's "Best Companies to Work For" by the Great Place to Work® Institute, in partnership with The Economic Times.

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Automate, Test, Market: Digital Commerce Accelerated



Retail is evolving at breakneck speed. Success in the retail world requires paying attention to trends and delivering seamless end-to-end digital assurance to customers. It is now imperative for retailers to consistently update and improve their applications and meet aggressive go-live timelines by speeding QA processes. Enterprises, therefore, seek a Common Automation Framework that can support diverse applications and technologies so as to expedite time to market and meet changing customer demands more quickly.

Aspire's DCqaf (Digital Commerce quality automation framework) has driven test automation success for Fortune 500 retailers. It is a robust, comprehensive framework that accelerates digital commerce by automating testing of digital commerce and POS applications. DCqaf helps you stay ahead in retail industry by:

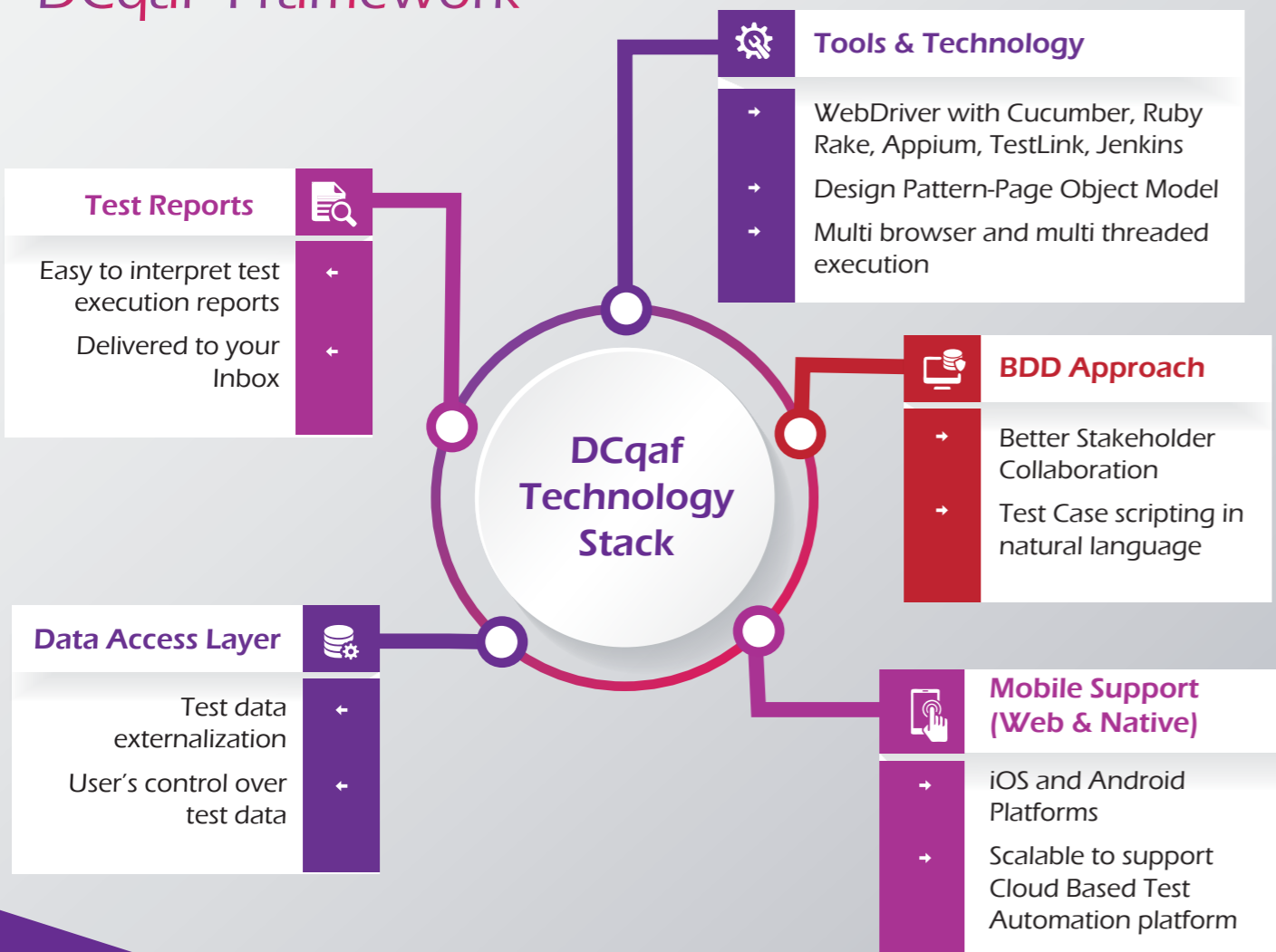
-  Providing modular reusability and flexibility.
-  Enabling seamless testing across multiple environments.
-  Ensuring your quality standards remain high, while rapidly delivering exciting new features that help you meet changing consumer demands quickly.

Here are a few key features that make DCqaf the right automation platform for retail testing:

- 1 Flexible, Easy to Maintain**
Supports frequent functionality changes by allowing quick and easy script modifications.
- 2 Cross Browser & Cross Device Testing**
Supports test automation on diverse sets of browsers/versions/devices and multiple POS configurations.
- 3 Comprehensive Test Reports**
Provides easy to interpret, customizable test reports delivered straight to the stakeholder's inbox.
- 4 Continuous Integration**
Integrates with intelligent open source tool Jenkins, enabling quicker execution and turnaround.
- 5 Rapid 3rd Party Integration**
Seamless integration with SauceLabs/BrowserStack (Cloud based Platform for browsers and mobile devices), and various 3rd party digital commerce tools offering fraud management, taxation calculation etc.






Key Features

DCqaf Framework



The DCqaf Advantage







A robust, flexible and extensible framework, DCqaf helps retailers meet the challenges related to rapid application testing in a dynamic business scenario. Its main advantages include:

-  **Faster Time to Market**
Up to 90% reduction in regression cycle time. Shorter regression cycles and improved test execution productivity significantly reduce time to market.
-  **Lower Maintenance Costs**
Over 15% reduction in maintenance costs due to increased flexibility.
-  **Lower TCO, Higher ROI:**
Enables repeatability & reusability to provide better quality at a much lower cost. Yields up to 30% greater returns on Test Automation.
-  **Enhanced Collaboration**
Uses BDD approach to script test cases in English language, allowing all stakeholders to stay on the same page.
-  **Bridging Silos, Integrating Systems**
Integrates systems by bridging gaps between digital commerce and POS testing for brick and mortar retailers.

Key Components for Digital Commerce Testing

Main Pages	Product Category Page	Product Search	Shopping Bag	Product Detail Page	Checkout & Payment
<ul style="list-style-type: none"> Home Page Featured Products Special Offers Information Pages My Account 	<ul style="list-style-type: none"> Product Display Page Quick View Wish List Product Reviews Social Sites Filter & Sort 	<ul style="list-style-type: none"> Keyword Search Search Engine Optimization 	<ul style="list-style-type: none"> Payment Methods Taxation validation Wallet Stores Loyalty / Rewards Promotions Discounts Loyalty 	<ul style="list-style-type: none"> Product title Product description Product images Enlarge image 360 degree view of products Product information, colours, sizes, options, extras. Add to Bag 	<ul style="list-style-type: none"> Payment Methods Taxation validation Stores Shipping & Billing Info Order Discount Order Placement Order Review & Confirmation

Key Components for POS Testing

<ul style="list-style-type: none"> Lookup Merch product information View in-stock and on order inventory availability Lookup Non Merch product information Receiving / Transferring the Products to different Location <p>PRODUCT DETAILS </p>	<ul style="list-style-type: none"> Performing Return Transactions with / Without Receipts Performing Exchange Transaction With / Without receipts <p>RETURNS / EXCHANGE </p>	<ul style="list-style-type: none"> Gathering Customer Information Instant Credit card Enrollment & Approvals Applying Rewards / special offers to the transaction Points acquisition details based on the Transaction <p>LOYALTY MEMBERS </p>
<ul style="list-style-type: none"> Applying multiple types of Promotions to the Products. Applying Item / Transaction level discount Providing Associate Discount / Offers <p>PROMOTIONS / DISCOUNTS </p>	<ul style="list-style-type: none"> Providing Tenders like <ul style="list-style-type: none"> - Cash & Credit Cards - Debit Cards - Instant Credit - Gift Cards - Foreign Currency..... Etc. Requesting for Charity donations (Round-Up) <p>TENDERS </p>	<ul style="list-style-type: none"> Performing different types of Reports like <ul style="list-style-type: none"> - EOD Report - Sales Analysis Report - Data Analysis Report - Time Analysis Report - Discounts Report - Tender Report Etc. <p>REPORTS </p>

WHY ASPIRE?

Aspire's Testing CoE has transformed many organizations and has consistently delivered value to its customers. Our cost-effective solutions based on our quality assurance (QA) experience help organizations consistently meet customer expectations while boosting return on their technology investment.

3% Average Defect Leakage Ratio

4 Fortune 500 customers that we have served and continue to serve in QA

30 Commercial and Open Source Testing Tools that we have worked/continue to work on.

200+ Highly skilled Software Development Engineers in Test team members on Java, C#, Ruby, Python, Perl, PHP, Jscript and VbScript

350+ Exceptionally talented and certified QA resources

1800+ Applications that we have tested till date. The number is rising rapidly

60000+ High severity bugs

200000+ Bugs identified till date

ISO 27001 : 2013
Information Security
Management System



ISO 9001:2008
Quality Management,
CMMI3, PCI – DSS