

A photograph of two women sitting at a desk with a laptop, smiling and celebrating. One woman is pointing at the screen while the other has her fist raised in a celebratory gesture. The image is overlaid with a purple gradient.

A UK-Based Top Insure Tech Firm Saved Up To 80% Testing Efforts using Hyper-Testing

About the Customer

The customer is an insurance and brokerage technology service provider. Their primary insurance platform is offered to customers in Sales as a Service model. They act as a middleman supporting more than 40% of the UK general insurance broker market to perform trade virtually on the open market. They focus on helping insurers and brokers to operate more businesses efficiently for the past 30 years. They engage in addressing the whole new set of market challenges and customer demands of the digital era.



*attention.
always.*



Challenge:

The customer encountered many challenges while moving to a digital platform and ensuring the following:

- **Seamless user experience**
- **Seamless integration with customer systems**
- **Limited timelines**
- **Maintain minimal cost**
- **High-quality and faster time to market**

Solution:

- **Complete ownership of end-to-end testing**
- **Test Automation Strategy – Hyper-Testing**

The Need

Their core insurance product was undergoing digital transformation to be in line with the company's goal to offer their Insurance solution in a SaaS model for their customers. So, they were looking out for a testing expert who could help them rebuild and automate the legacy product for seamless user experience.



The Challenges

They had to modernize their 20-year old legacy product and the migration process was highly challenging. The following are the challenges they faced during the digital transformation.

- No technical expertise to automate testing, performance, and API testing
- Multiple external service integrations requiring complex API testing
- Huge test data to be generated for every testing cycle
- Multiple system integrations that had to be validated
- Product had to be validated across multiple browsers and devices
- High defect leakage



Do these challenges sound familiar to you? **Talk to us** now or write to – info@aspiresys.com



Results:

- *Improved time-to-market due to shortened cycle time*
- *Helped to launch stable, high-quality released within a short timeframe*
- *Reduced defect leakage to less than 1%*
- *Smoke test automation reduced manual efforts by 75%*
- *Saved more than 80% testing efforts by performing cross-browser testing in the cloud environment*
- *Saved up to 500 hours in API testing using simple utilities*
- *Reusability of testing artifacts reduced the testing effort by 30%*
- *Integrated UI and Web service testing enabled early identification of issues*

Aspire's Solution

After analyzing the situation carefully, Aspire Systems performed a discovery and gap analysis to introduce industry best practices in the customer testing org and implemented the road map. We proposed the customer with our tried and tested Hyper-Testing Approach to improve the testing efficiency end to end.



Process

- QuickStart – Exploratory Testing, Mind maps, Domain SME
- Integrated Strategy focusing on functional and non-functional testing
- **'Follow the data'** model to identify broken code
- Sprint+1 automation plan to enable robust automation scripts



Technology

- Unified Automation Approach – Web UI, APIs
- CI/CD-enabled
- Cloud-enabled
- Parallel Tests



People

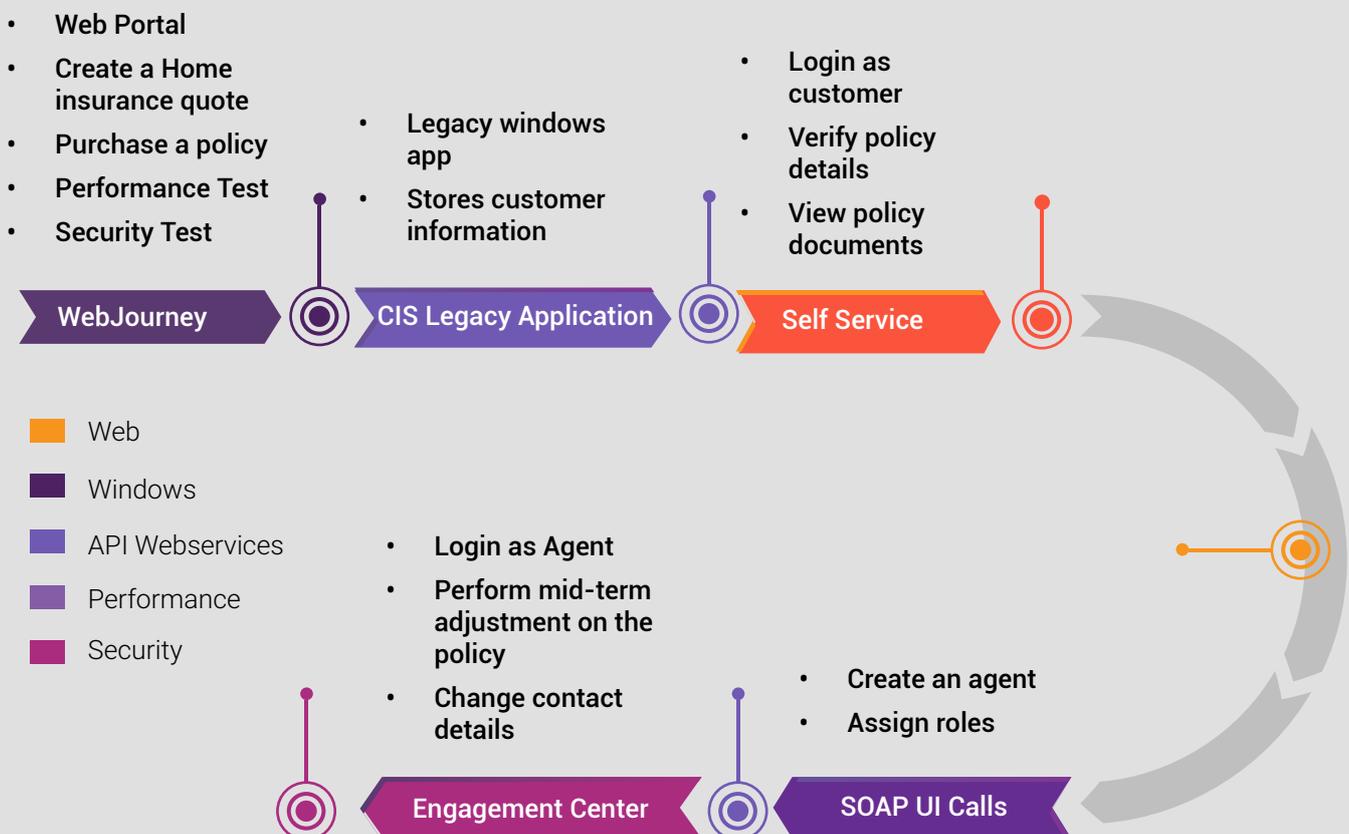
- Multi-skilled
- Domain experts
- Global talent pool



As a part of the solution, we took the entire responsibility for the following:

- Complete ownership on testing – functional and non-functional
- Focus on wholesome quality
- Complete requirements coverage
- Identified defects early in the SDLC that reduced the cost of quality
- Enabled features to be released faster 3 times as compared to earlier run-rate
- Changed to process orientation from people orientation

Complex flow across 3 web applications, 1 Windows desktop application and 1 webservice





Best Practices:

The following are the best practices followed by our QA team to achieve the business goals of the customer.

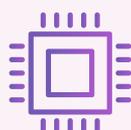
- *Usage of smoke test automation reduced the manual effort by 75%*
- *Reusability of testing artifacts (scenarios, test scripts) between 2 versions of the product reduced the testing effort by 30%.*
- *Integration of UI and Web service testing enabled early identification of issues*
- *Automation of XML parser saved over 500 hours of manual effort in parsing the XML files*

Results & ROI

Aspire delivered the Select UXP product suite as a SaaS platform which has given confidence to the customer to rely on the SaaS model as a key profitable business model for the future. They were able to achieve the following with our solution.

- Reduced the testing cycle time to enable weekly releases
- Increased test coverage
- Reduced effort in running tests across multiple devices with the automated solution
- Overall savings of **40%** of the testing cost
- Reduced **70%** testing cycle time and delivered on time
- Defect leakage of less than **1%** in production
- Saved **75%** testing efforts by smoke testing for continuous deployments using test automation
- Saved **80%** testing efforts by performing cross-browser testing over the cloud
- Saved **500 hours** in API testing using simple utilities

Technology Snapshot:



- » Selenium
- » Java
- » Soap UI
- » Jmeter
- » Jenkins
- » BrowserStack
- » OWASP ZAP



Future Impact

Customer can implement their solution over the cloud in a fast-paced manner with high quality, thereby enabling them to stand out from the competition and be highly successful.



Do you find the results and ROI interesting?
We can help you achieve the same or even better. **Schedule a meeting now** or write us to info@aspiretech.com



Aspire Systems is a global technology services firm serving as a trusted technology partner for our customers. We work with some of the world's most innovative enterprises and independent software vendors, helping them leverage technology and outsourcing in our specific areas of expertise. Our core philosophy of "Attention. Always." communicates our belief in lavishing care and attention on our customer and employees.

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