

Process Driven Test Automation & Faster Turn-Around for a Leading Retailer

About the Client

The client is one of the largest mattress retailers in North America founded in 1986, headquartered in Houston, Texas. They strive to help customers find the beds they want at the price that fits their budget. Today, they have grown to be America's largest specialty mattress retailer, with neighborhood stores in 49 states across the country and a passion for helping people find the right bed.

At a Glance

INDUSTRY | Retailer

LOCATION | USA

USE CASE

The client was seeking a partner with strong test automation expertise to design and implement a holistic automation solution – comprising tools, practices, and expert resources.

CHALLENGE

There were a lot of middleware workflow integrations with 3rd Party Vendors & customer facing digital store front catering to various business functionalities.

Business Challenges

- The client was seeking a partner with strong test automation expertise to design and implement a holistic automation solution – comprising tools, practices, and expert resources.
- There were a lot of middleware workflow integrations with 3rd Party Vendors & customer facing digital store front catering to various business functionalities.
- Continuous additions of new functionalities & enhancements to existing ones create the need for thorough & high volume of regression testing.
- Additionally, manual regression testing lead to higher time & lower test execution quality.
- Complex test automation resource requirement & high cost involved in enterprise automation tools.

Our Approach

1. A behavior-driven-development Test Automation Framework was architected and developed.
2. Royal Cyber deployed a thorough process-oriented QA team of skilled resources with several years of experience in testing middleware workflows.
3. Our team of experts implemented a simple test automation approach using Royal Cyber’s in-house TEAF (Test Automation Framework) to achieve test automation coverage for all the complex middle ware workflow integrations with 3rd Party vendors & digital store front.

4. We also automated smoke & regression suites that enabled quick & efficient QA reports on latest builds, there-by faster releases.

Results

- 1 Reliable QA process leads to higher quality middleware workflows.
- 2 Faster regression time leads to quicker releases.
- 3 Major defects caught in early stages of development.
- 4 More test coverage & better ROI through automation.

CASESTUDY

SOLUTION

Royal Cyber deployed a thorough process-oriented QA team of skilled resources with several years of experience in testing middleware workflows.

Key Takeaways

- › All Critical defects found before go live
- › 80% quicker regression execution
- › >80% of test automation coverage

About Royal Cyber:

Simplifying IT for Customers & Partners

Royal Cyber Inc. Headquartered in Naperville, IL is a leading software organization that provides services ranging from application development and deployment to training and consultancy. We commenced the operations in the year 2002 as a specialized Technology provider striding in as a software deployment service provider, assisting clients to meet the standards and demands of doing business in the rapidly changing marketplace. Today we stand tall as a **One Stop Shop** for all your IT needs.



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