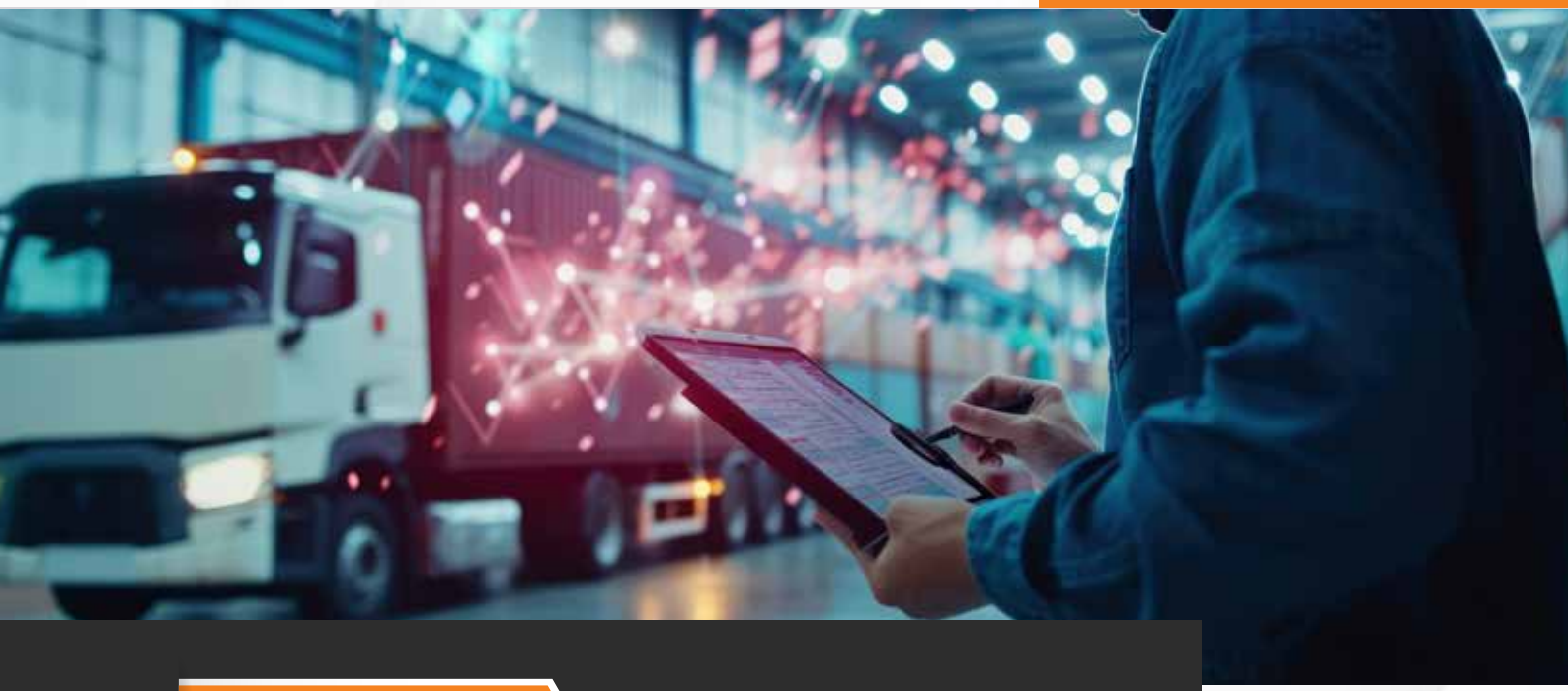
A Netsmartz Company

QAsmartz

QA delivered as promised.

85% Test Coverage Achieved with End-to-End QA Strategy for a Leading US-based RV Retailer

Find out how our experts optimized quality assurance for the client with a balanced manual and automation testing approach, ensuring consistent platform quality.



About the Client

Our client is a leading outdoor travel platform that connects RV renters and hosts. It enables users to explore, book, rent, and review RVs and camping sites while offering tools for hosts to manage listings and availability.

The Need

As the client's RV rental business grew strongly, they faced multiple challenges due to frequent updates, complex user flows, and dual-facing interfaces. Manual testing alone was slow and inconsistent to keep up with the frequent updates and critical path flows. Therefore, they needed a scalable QA strategy to ensure coverage, traceability, and speed across the development lifecycle.

Our Solution

Based on the client's requirements, we implemented a hybrid QA model combining manual and automated testing to ensure coverage, speed, and reliability:

Tech Stack

Hybrid QA Team Setup

We built a cross-functional QA team of five manual testers and two automation engineers where the manual testers focused on exploratory, usability, and edge-case testing. On the other hand, our automation team maintained a regression suite for core functionalities.

Automation with Playwright & CI/CD

Our automation experts developed JavaScript-based Playwright tests for high-priority user flows (booking, payments, availability updates). Further, they ran tests on a nightly basis via Jenkins, with execution results fed into Allure reports for business visibility.

Test Management and Coverage Insights

We leverage tools like Zephyr for JIRA to manage test cases, link defects, and track coverage. The QA team also integrated Istanbul (nyc) into the automation suite to measure code coverage and ensure critical paths were tested.

Outcomes Achieved

Regression test time cut from 3 days to just a few hours

85%+ coverage for high-priority user journeys

Daily automated feedback loops enabled via CI

Improved traceability with Zephyr-JIRA integration

Reduction in post-release defects and increased release confidence

Why QASmartz

- 25+ Years of Expertise in Automation & QA Testing
- 24x7 Global Testing Power
- Comprehensive Application Testing
- Effortless API Testing
- In-House SaaS Expertise
- Affordable QA Services

About QASmartz

QASmartz is a trusted **QA and automation testing partner** for businesses worldwide. With over **25 years of industry expertise,** the company has successfully tested **2000+ products** across various domains. QASmartz operates with a **dedicated team of over 100 expert resources** in its QA Lab, strategically positioned across **10 global locations.**

From **seamless integration during every sprint to early bug detection for improved code quality,** QASmartz ensures c**omprehensive testing coverage and robust performance**. Leveraging **AI-driven tools,** the company enhances testing accuracy and efficiency, helping businesses accelerate release cycles and maintain high software reliability.

2000+	100+	25+	10+
Products Tested Worldwide	Expert Resources in Our Dedicated QA Lab	Years of Industry Experience	Global Locations

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Rochester, NY, Vancouver, Mississauga

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