Progress® Telerik® Test Studio®

RevSpring Delivers Higher Quality Releases in a 1/4 of the Time with Test Studio

RevSpring

INDUSTRY
Financial Services, Healthcare

PRODUCT
Progress Telerik Test Studio

SOLUTION
Modern UI

> "Load tests are complicated and expensive things. And having the API and load testing capability built into the tool was just a real homerun."
>
> **Pete O'Grady,**
> QA Manager

Challenge

Pete O'Grady is a quality assurance and automation testing expert with more than 30-years' experience in the software business. For most of his career, he relied on IBM automation testing suites until he joined RevSpring—an IT company developing custom patient engagement solutions for the healthcare industry.

An essential part of the RevSpring healthcare platform involved medical billing for healthcare businesses by providing patients with various payment methods, while securely processing their personal information. As diversity in payment options kept expanding, RevSpring faced a growing demand to gear their platform towards all consumers' preferences.

"We have 68 different ways to accept payments from customers. We needed to build and automate many different and highly repeatable scenarios. And we need to be able to loop through data," said O'Grady.

For over a year after he had become the QA Manager at RevSpring, O'Grady's team of highly skilled test engineers struggled to improve the quality of their releases and streamline the test process to cover an ever-growing amount of payment scenarios and edge cases. The tools they had at their disposal—Selenium and a C# wrapper—were failing to provide the scalability RevSpring needed, so the team sought an alternative.

Solution

A tenured automation engineer on O'Grady's team who had worked with solutions like QTP (previously Mercury) brought Progress© Telerik© Test Studio© to his attention. After a quick trial, Test Studio proved superior to those products and RevSpring's current automation testing stack.

Test Studio is an enterprise UI test automation tool for web, WPF desktop and responsive web applications. With its intuitive UI and a blend of codeless and code-based automation capabilities, Test Studio enables highly skilled as well as less experienced testers to harness the power of automation testing.

Seeking to boost team efficiency and scale automation, RevSpring saw great potential in Test Studio's object detection, data looping and runtime features to perform deep and effective regression tests anytime they need to, freeing up engineers to focus on other critical work.

Finally, the maintenance factor also weighed in. With its built-in API and load testing capabilities, Test Studio checked all the boxes of a comprehensive, sustainable and highly efficient automation testing tool.

The tool integrated effortlessly into their Atlassian suite and allowed the team to kick-start their automation efforts. "We were rapidly able to make progress. And that convinced us that Test Studio was the right solution to our engineering needs here," said O'Grady.

Results

RevSpring saw remarkable results in three priority areas: productivity, release quality and automation test coverage. The team was able to cut the time necessary to test a typical 40-story release cycle from a week down to a single day, hitting an astonishing 80% faster time to market.

Test Studio was extremely valuable in streamlining their testing process and ramping up automation, while reducing maintenance to a minimum: "We now have 100% coverage in all the ways we make payments, all the ways

that there's statements, all the ways we set up payment plans, pre-service recurring."

> "Test Studio is feature-rich in a way that made it highly scalable for us. There's been a dramatic improvement in the quality of our releases. It's allowed the team to go far deeper in our regression efforts. And the results are that we've stabilized the codebase to a degree that was missing before."
>
> **Pete O'Grady,**
> QA Manager

Additionally, Test Studio was instrumental in ensuring RevSping's healthcare platform complied with HIPAA regulations, giving customers and patients the comfort that their medical data is safe and secure.

About RevSpring

RevSpring is a leader in patient and consumer financial engagement delivering end-to-end technology-enabled solutions that accelerate cash flow, improve consumer satisfaction and strengthen client relationships.
www.revspringinc.com

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