Case Study: iVinci Health (VisitPay) - Health Care Billing Solutions

> "QA Consultants provided a cost effective and collaborative solution to support our quality needs while allowing us to scale our business. Their approach was one of true partnership, focused on our business outcomes, quality of customer experience, and mutual success."
>
> – Mark Lythgoe, CTO iVinci Health

CHALLENGE & TEST REQUIREMENTS

- iVinci Health requested a partner to design and implement an automation framework for their web based, financial application where no automation existed previously
- The team needed to move quickly with test automation and required manual test execution assistance to fill the gap until automation assets were available
- Various constraints were provided in terms of both design (automation languages, frameworks, CI integration, etc.), test coverage requirements (multiple platforms and browsers), all within a tightly managed Agile project
- A partner was sought who could provide lower cost, remote expertise in providing an automation platform

SOLUTION & APPROACH

- Initially, QAC completed an automation discovery initiative
- QA provided automation and manual test resources, based offsite, and managed by iVinci
- QAC built an automation framework comprising of Selenium, C#, Visual Studio, NUnit, and ReportUnit
- Weekly touchpoints with iVinci QA team

RESULTS

- ✔ Delivered automation solution built to iVinci requirements
- ✔ QAC integrated with iVinci QA team to provide manual and automated testing
- ✔ Yields >70% time savings vs manual testing
- ✔ Yields >95% time savings when run overnight
- ✔ Regression executes > once a day Over 20,000 test cases executed in past year

BENEFITS

- ✔ Initially provided 2 remote resources for the cost of a single local resource
- ✔ Considerable reduction in manual test efforts
- ✔ Provided automation experience that was difficult to find/source
- ✔ Single Automation test base handles multiple client configurations