

Automated Testing Improves Release Confidence for National Insurance Company



CHALLENGES

A specialty insurer had little confidence in its release pipelines. It pushed code changes apprehensively as its day-to-day norm became putting out fires in production. The insurer wanted to embed confidence of quality into its software development lifecycle so that it could deliver functioning software with a positive business impact.

THE STORY BEHIND THE SOLUTION

Fusion's software testing experts worked with the client's development teams to develop two reusable frameworks for automating and verifying their applications. The first handles their web-based applications; the latter addresses their desktop clients. Through the entire engagement, Fusion helped the client understand what constitutes a good set of tests. In the end, the solution:

- Integrated highly-vetted open-source technologies to reduce costs without sacrificing quality
- Designed frameworks to be extended easily, allowing for fine-tuned customization
- Developed lean smoke test suites both to vet the new frameworks and to train developers
- Empowered the client's development team to expand test coverage to all of their applications using the same frameworks



Strategy:
Charted a path forward for testing efforts



Consistency:
Developed reusable test frameworks



Visibility:
Integrated with existing and new continuous-integration flows



Education:
Trained development team to empower future expansions

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