



Let's Solve

Case Study

Continuous Testing in DevOps for a
Leading Risk Advisory & Consulting Group



A Larsen & Toubro
Group Company

Client

Client is the world's largest consulting group and one of the finest career, healthcare and wealth advisors having offices in more than 40 countries, and operating internationally in more than 130 countries.

Challenges

- Reduce manual testing and validation
- Focus on automation to improve in-sprint coverage
- Reduce project cost with maximum automation
- Standardize and simplify the deployment process using continuous integration
- Reduce the complexity of business scenario's and manual dependency

LTI Solution

- Leveraged robust automation tools like Nightwatch, Protractor & Selenium with Cucumber (BDD) for End to End automation in DevOps environment
- Automated 500+ end-to-end business scenarios across environments (QA/UAT/Staging)
- Implemented continuous integration and Testing process with the ability of any time deployment for reduced time to market
- Established 'Behavior Driven Development Framework'
- Continuous and simultaneous execution of test scripts across multi browsers and devices through cloud simulation using SauceLab

Business Benefits Delivered

- Reduced testing cycle time & effort through 100% DevOps implementation
- >80% reduction in QA Cost for all applications
- 60% of the regression suite automated across 3 functional areas in one of their LOBs
- 95% automation coverage
- 60% efforts saved by validating across 4 Browsers and 5+ devices simultaneously
- Continuous automated deployments with limited manual intervention

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