Without LEAPWORK, Automated Oracle Testing is a Nightmare

CHALLENGE

Insurance Management System based on Oracle Forms. Heavy customization made the system difficult to test. Automated testing was made possible with the LEAPWORK Automation Platform, a productivity tool trusted by enterprises worldwide.

We’ve achieved a level of test coverage that’s not possible with alternative tools in the market.

Claes-Jan Wolff, IT Architect, GF

BACKGROUND

A wide range of technologies, including Oracle software, power daily operations at Danish insurance company, GF Forsikring. This puts QA teams under considerable strain. Especially Oracle testing had become a bottleneck for releasing frequent, satisfactory system updates [...]

1 FTE

The LEAPWORK Agents do the work of 1 full-time equivalent

95%

95% of all regressions tests were automated within a year

3x

System upgrades were released 3 times as often
The SCRUM teams at insurer GF Forsikring adopted the LEAPWORK Automation Platform to handle test automation across the company. Within a year, the teams had fully automated the regression testing of their Oracle-based system. It took no more than 40 automation flows to cover their regression suite.

“Learning to use LEAPWORK went really fast,” said Claes-Jan Wolff, IT Architect. “Our testers have very different professional profiles, but they can all use LEAPWORK on their own.”

LEAPWORK is a good fit for the company’s software release pipeline. Before the SCRUM teams release software to production, they execute the automated tests once a day, either at night or early morning. Parallel agents are executing the tests in up to 10 different test environments.

Without LEAPWORK, it was impossible to test at a similar frequency and with the same coverage. When done manually, tests were run once a week at the most.

For processes often used in testing, e.g. the creation of a new customer in the system, Wolff and the team built reusable components with LEAPWORK. This significantly reduced the time required to build and maintain additional test cases.

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Claes-Jan Wolff, IT Architect, GF

RESULTS

- The LEAPWORK test execution agents do the work of approximately 1 full-time equivalent.
- Release cycles are shortened from 8 to 3 weeks. The SCRUM teams can now live up to their objective of “failing fast” and have reduced the time spent fixing bugs.
- With LEAPWORK, GF Forsikring achieves up to 95% regression test coverage of their insurance software.
- Building new automated test cases take less than a day.
- During sprints, SCRUM teams have freed up a lot of time to do other tasks than regression testing.
- More product features and fewer system bugs support upper management objectives.