

CA Agile Requirements Designer

Test at the Speed of Agile

Quality is an imperative to driving revenue through stellar customer experiences. This is why organizations are increasingly focusing on improving software quality, and application delivery speed. Their test teams strive to do testing within every sprint, but their continued use of traditional testing practices is holding them back. Legacy testing slows them down in a big way, and therefore it is unfit for the speed, velocity or the volume of changes required to attain Continuous Testing at the speed of agile. The question then becomes, **“What’s in the way of achieving Agile Testing?”**

KEY FEATURES:

Requirements Modeling. Map requirements to a visual, active flowchart; reducing requirement ambiguity.

Test Case Design. Automatically creates test cases from requirements, linked to the right data and expected results.

Test Case Optimization. Import test cases and remove any duplicates, dramatically shortening test cycles.

Manage Changing Requirements. Automatically identify the impact of a change and update test cases in minutes.

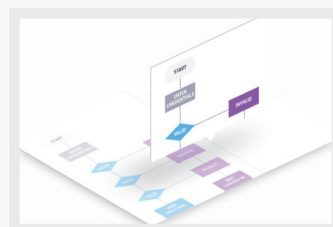
Active Automation. Generate every automated test needed to exhaustively test an application.

Business Challenge

- **64%¹ of total defect costs stem from requirements engineering and design phase.** What this means is, more than half of the time, defects can be traced back to poorly defined requirements – resulting in costly code defects and rework, and associated poor customer experience.
- **70%² of testing is still manual.** Often times created by hand in a linear manner, test teams are inundated by myriad mundane tasks. They spend too much time reading requirements, creating traceability matrices, identifying and creating test data, and a lot more.
- **Only 10-20%³ of tests are covered, exposing the software to defects.** Tedious and inefficient testing can lead to under-testing, thus providing limited test coverage. Then again, wasteful over-testing goes on as some functionality is redundantly tested 18 times over.

Solution Overview

Testing at the speed of agile entails reducing manual testing effort, while delivering better quality applications to market faster. Helping you drive agile testing approaches within every sprint, CA Agile Requirements Designer provides advanced requirements engineering and test design automation capabilities, enabling you to automatically generate the optimal set of tests right from your requirements modeled as complete and unambiguous flowcharts. Automatically updated when requirements change, these tests allow you to deliver software that reflects changing user needs.



Design and engineer better requirements. With CA Agile Requirements Designer, test teams get clear, complete and unambiguous requirements. Diagrams that represent requirements as mathematically precise visual flows add accuracy to requirements engineering – reducing ambiguities, while supporting better collaboration and communication across key stakeholders.

