



OTOMA TESTING

THE WORLD OF TESTING WILL NEVER BE THE SAME.

IF A TESTING TOOL DOESN'T CATCH EVERYTHING, WHO KNOWS WHAT IT'S MISSING?

Testing is a necessity. Accurate testing is an absolute necessity. Today, the rapid pace of DevOps release processes and changing market requirements means that banks must make frequent updates and upgrades to their applications. But before they implement such changes, they must test those applications to avoid any potential risk.

Currently, most of the testing process is performed manually. This includes reviewing and understanding requirements, use cases, and business scenarios, followed by designing test cases, test scripts and creating test data, and then executing the tests and analyzing the results. Even with automated testing tools, the creation and maintenance of test scripts is often done manually. That means it's error prone, not to mention time consuming, costly and usually inadequate in terms of test coverage.

The tools you're using simply can't catch everything; the level of testing coverage is unclear; and traditional script-based automation requires frequent updates and easily gets out of sync as your system evolves, creating high rates of false positives. Because of these factors, any software implementation or upgrade carries with it the risk of a delay or mistake that could be very costly to a bank's operations or reputation – not something that any bank takes lightly.

REDUCE RISK. REDUCE TIME. REDUCE COST. INCREASE PEACE OF MIND.

The Otoma Testing product gives you end-to-end test automation helping accelerate any system update, upgrade or full replacement. Taking the test cases that are derived from

the use-cases defined within the Otoma Requirements product, it automatically generates test scripts and test data and then autonomously runs the tests. It eliminates significant manual work from both functional and production regression testing.

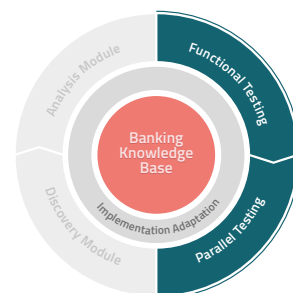
The testing product consists of two modules:

The **Functional Testing Module** automates and accelerates test design and execution (including planning, scripting, preparing test data, executing the test scripts and defect triage) of the test cases that have been defined in Requirements. This ensures that the testing covers all use cases and that the functionality of the System Under Test (SUT) is validated.

The **Parallel Testing Module** ensures that the SUT is ready for production. This module takes production transactions from the current system, runs them through the SUT and compares the outcome, predicting how the SUT will behave in production. Automatic detection of problematic use cases helps reduce the risk of regression issues in production.

The combination of functional and parallel testing gives you comprehensive test coverage for new implementations and for ongoing maintenance.

And that gives you peace of mind.



OTOMA BANKING PLATFORM

THE BENEFITS ARE BRIGHT AND CLEAR.



LESS TIME AND LOWER COST

Make better use of your most important resources.

Fully automated generation of test scripts and test data together with automatic execution of testing saves significant time and labor costs.



COMPLETE SECURITY

Test your entire ecosystem while protecting sensitive data.

Sensitive transactional and static production data (such as PII) is masked by the platform before the data is moved to the test environment.



EASIER TO USE

For technical and non-technical people alike.

Our graphical model-based approach enables non-technical testers to create automated test scripts and test data easily and quickly, freeing them from the error-prone manual work of today's testing methods. Graphical dashboards let you monitor and control test execution and provide a bird's-eye view of test coverage and results.



EASIER TO MAINTAIN

Because everything is updated automatically.

Whenever the knowledge base is updated with any regulatory changes, these are automatically reflected in the requirements, so the test scripts are automatically updated as well. That means no additional manual work is needed to maintain the test automation in order to keep it up to date.



END TO END TESTING

Integration and system testing has never been easier.

Validating external systems with the impact of any system changes at all integrations points of the SUT lets you detect problems much quicker. Our Testing product supports complete simulation of your entire ecosystem, even when the SUT's perimeter systems are unavailable for testing.

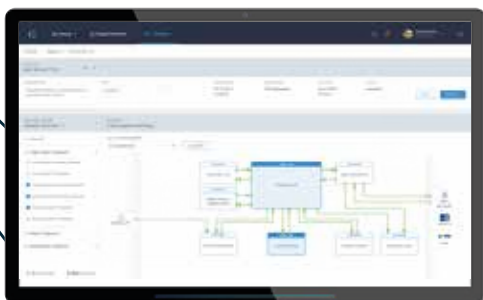


COMPLETE COVERAGE FOR COMPLETE VALIDATION

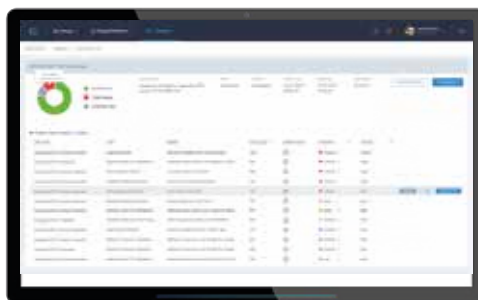
Every scenario. Every requirement.

Our Test Designer feature gives users the ability to define the scope of the automated tests' execution by selecting which tests to run in which environment and in what systems. By creating tests that cover any scenario and 100% of the requirements, you get complete traceability, accuracy, and confidence.

TEST DESIGNER



TEST RESULTS



FAILED TEST

