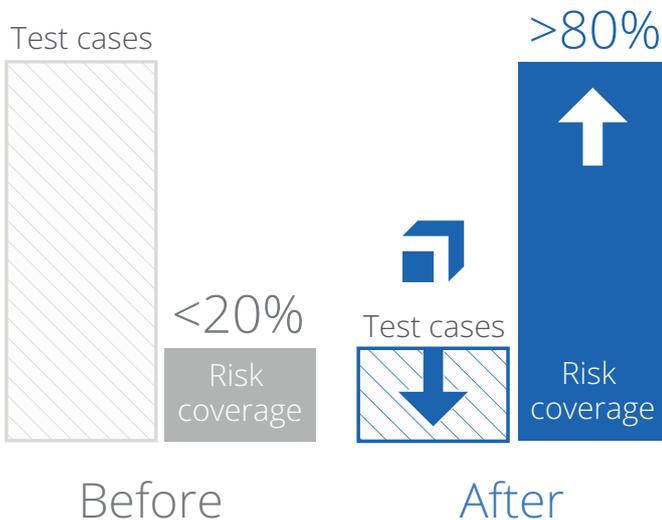


Risk Coverage Optimization

Overview

In an effort to achieve comprehensive testing, many enterprises end up with 67% redundancy in test case portfolios that offer no more than 40% risk coverage. Tricentis Tosca helps enterprises easily determine their optimal set of test cases using our proven combinatorial methodology, Linear Expansion. Risk Coverage Optimization reduces your number of test cases while increasing your risk coverage. This enables you to assess your aggregated risk coverage from a business, technical, performance and compliance perspective.



Key Benefits

Test Smarter, Not Harder

Tricentis Tosca's Risk Coverage Optimization enables you to maximize your risk coverage to 90% or more, while minimizing your test case portfolio by 50% to 80%. Risk Coverage Optimization shifts the focus from test coverage to risk coverage. This helps you align testing activities with your stakeholders' risk objectives.

BACKLOG ITEMS	RISK COVERAGE [%]			
PRODUCT BACKLOG	41	8	9	42
EPIC #1	60		9	20
EPIC #2	18	20	62	
EPIC #3	33	17	50	
USER STORY #3.1	100			
USER STORY #3.2	100			
USER STORY #3.3	37	19	44	
EPIC #4	60		40	
EPIC #5	33	17	50	

Key Features

A Lightweight Approach to Risk Assessment

Before you can apply risk-based testing, you must know where your business risk lies. Tricentis Tosca assists you in finding the highest risk areas by providing you with an easy, lightweight method for building a prioritized requirements structure for your system under test. Using Tricentis Tosca to define the inner value of your test cases allows you to assess the contribution of each individual test case before you even begin execution.

Find the Right Test Cases

Increase your risk coverage and save time by eliminating test case redundancies. Using Risk Coverage Optimization, you can execute the most important test cases first, enabling you to detect bugs within your critical requirements much earlier. By covering the highest possible damage to your business at the earliest stages of the testing process, you can take advantage of a risk-based shift-left approach throughout your entire product life cycle.

Maintenance and Progress Tracking

With Tricentis Tosca's Risk Coverage Optimization, each test case has a unique and well-defined purpose, allowing for easy maintenance, transparency, and traceability. Tricentis Tosca assists you by provisioning and managing test data, while locating and alerting you to redundancies in your test case portfolio. It also gives you straightforward metrics that measure your progress on testing tasks, helping you to track improvements in software quality.

About Tricentis

With the industry's #1 Continuous Testing platform, Tricentis is recognized for reinventing software testing for DevOps. Through risk-based testing, scriptless end-to-end test automation, and the industry's most extensive technology support, Tricentis breaks through the barriers experienced with conventional software testing methods. Our innovative technologies simplify testing for even the most complex enterprise applications—transforming testing from a roadblock to a catalyst for innovation.