

# QUALITEST

## The Unique Benefits of

# AI-Led Tools in Quality Engineering



Effective testing tools and streamlined testing plans are more important than ever before. By combining AI-enhanced tools that can simplify and focus testing with sound testing practices, organizations can equally prioritize speed and accuracy while also being more prepared to solve various testing issues or challenges that are part of the development process.

## Advanced testing tools



Increase test coverage and help achieve better product quality.



Help reduce test execution time by anywhere from 40-75 percent.



Increase efficiency by strategically using automation to achieve business goals effectively.



Minimize costs by identifying risks early in the software development life cycle (SDLC).

Powered by artificial intelligence, our Qualisense testing tool significantly enhances risk-based testing techniques by flagging and identifying potential issues and failures with 90 percent confidence in just half the time needed by manual prioritization. This reduces release times, eliminates overall costs and redistributes resources if necessary.



## Test.Predictor

Test.Predictor is an innovative and new AI-powered tool that dramatically enhances risk-based testing techniques. Using artificial intelligence and automation, this tool can reduce time to release, lower costs and re-distribute the necessary resources to focus on what matters most — saving you time and money.



The ultimate testing solution, Test.Predictor is transforming regression testing and traditional software testing methods, and giving organizations and data analysts the ability to independently create prediction models that work for them.

### Advantages

- ✓ Pinpoints potential failure risks through comprehensive analytics and data, saving your organization time and money.
- ✓ Prepares for future issues by using AI to predict potential conflicts before they happen.
- ✓ Improves accuracy by providing precise prediction results.
- ✓ Provides a quick and powerful AI platform that is simple to learn and requires no code.
- ✓ Offers advanced automation and customized machine learning that uses 40 different algorithms tailored to fit the specific needs of your business.
- ✓ Flexible to use on traditional and automated code environments.

### Features

- ✓ Identifies issues and failures quickly, achieving 90 percent confidence in just half the time required by manual prioritization methods.
- ✓ Improves time to market by up to 80 percent, without compromising quality or accuracy.
- ✓ Optimizes testing by eliminating unnecessary or repetitive tests to streamline the overall testing plan.
- ✓ Simplifies development and testing efforts to create more clarity for your business.
- ✓ Reduces work-time by using trusted information to focus on what truly matters.

## AI-Powered T-KIA

Harnessing the power of AI technology, this advanced tool, backed with the Qualisense platform, offers an independent and comprehensive method to identify positive and negative elements in the software development life cycle.



By combining a deep understanding of your organization's existing operations and current capabilities, AI-Powered T-KIA can help you make any necessary improvements, clear bottlenecks, and continuously refine your internal testing processes.

### Advantages

- ✓ Eliminates overall testing costs by up to 40 percent — saving your business time and money.
- ✓ Improves process management and delivery through in-depth analytics and comprehensive testing.
- ✓ Reveals important data patterns and valuable insights to coordinate testing and timing.
- ✓ Provides an independent analysis to help organizations evaluate the effectiveness of their QA processes and identify improvements.
- ✓ Uses AI-driven technology to provide detailed insights for QA activities, which can be used to make recommendations based on current needs.
- ✓ Flags potential issues or vulnerabilities across multiple platforms, using data suited to your company's specific needs.

### Features

- ✓ Ensures continuous learning by providing a detailed plan to develop maturity and quality.
- ✓ Maximizes ROI through improvements to efficiency and the adoption of effective practices.
- ✓ Increases process velocity by speeding up workflow, moving your organization toward its goals faster.
- ✓ Guarantees delivered value within 30, 60, 90 days and beyond.

## Test.Consolidator

Our AI-Powered Test.Consolidator tool uses modern artificial intelligence, machine learning and natural language processing (NLP) algorithms to seek out and identify duplicated snippets of text for a clear summary of test results that can be prioritized for resolution.



### Advantages

- ✓ Helps QA teams become more efficient through the elimination of unnecessary testing.
- ✓ Speeds up time to market by reducing unwanted delays due to repetitive issues with data that may push back deadlines.
- ✓ Provides important information surrounding unstructured data frameworks.
- ✓ Examines repetitive comments from tests, duplicated reviews, linked emails, and more to enhance testing flow.
- ✓ Gathers important data that is not quantified using traditional methods, which can be used to improve management flow.
- ✓ Detects text duplication quickly using machine learning and artificial intelligence.

### Features

- ✓ Finds duplicate data collected during the testing process that can impair efficiency and lead to unnecessary tests and timely procedures. This can slow down the QA process.
- ✓ Saves organizations money and time through a deeper understanding of data coverage.
- ✓ Identifies areas that have been over-tested, as well as potential areas of improvement that may have been under-tested.

# QUALITEST

SPEAK TO AN EXPERT

[Click here](#) to learn more about how Qualitest's diverse array of automation testing tools can help your organization streamline its QA process, cut costs, identify potential issues, improve time to market and more.

Connect with us online at [QualitestGroup.com](https://www.QualitestGroup.com)