PARASOFT®

DTP

Achieve Your Quality Goals

Examine data from all your testing practices to gain a comprehensive view of the test results and assess development and test priorities to meet quality objectives.

» Reduce development and testing costs by acting on insights obtained from key metrics.

» Improve software quality and security by analyzing aggregated test results.

» Assess test and code change impacts to accelerate testing for on-time deliveries.

» Consolidate reporting across CI/CD workflows to simplify compliance and enforce policies.

Measure Your Software Quality

See how Parasoft DTP captures test results. Schedule a live demo.

View key metrics and results across all your testing practices within a comprehensive dashboard.

Reporting & Analytics for Enterprise Software Testing
Driving Quality & Productivity

Do you know the risk of your release and how it impacts your business?

Parasoft DTP delivers actionable insights so you can gain confidence in your software releases. DTP monitors and measures the application of quality practices, such as static analysis, unit and functional testing, coverage analysis, and much more, to expedite development of secure and compliant software.

Parasoft DTP collects, correlates, and analyzes data generated throughout the development life cycle to produce intelligent, actionable findings so you can focus on the impact of changed code and demonstrate full compliance traceability.

With DTP's in-depth reports and dashboards, you get a comprehensive view of key quality metrics that help you balance many parallel and often conflicting priorities. Eliminate the business risk associated with faulty software, accelerate delivery, and facilitate continuous process improvement.

Identify Areas for Improvement

Understand the impact of changes in your codebase and provide guidance on next steps to the team to ensure the delivery of high-quality software. Test coverage data can be combined with other metrics to identify application hotspots in areas of the application that present the most significant risk.

Mitigate business risks without reducing the productivity of the team with DTP's centralized quality hub. It aggregates data across your testing practices, including static analysis, metrics, unit testing, functional testing, manual testing, and code coverage, from Parasoft technologies and OSS/third-party tools, supporting a wide variety of languages.

Quickly Assess Static Analysis Violations

As part of your team's daily Agile workflow, quickly review the results of static analysis to assess whether there are new possible bugs or security vulnerabilities across each of your projects.

Developers can leverage recommendations from built-in machine learning models to assess and triage violations.

Quickly Assess Test Failures

Fast feedback as your code changes is critical in Agile development. Quickly assess possible regressions detected by unit and functional tests across various environments and investigate the root cause.

Create Issues in External Systems

Optimize your development team's workflow by streamlining the creation of tasks and bugs for new static analysis violations or failing tests in systems like Jira or Azure DevOps.
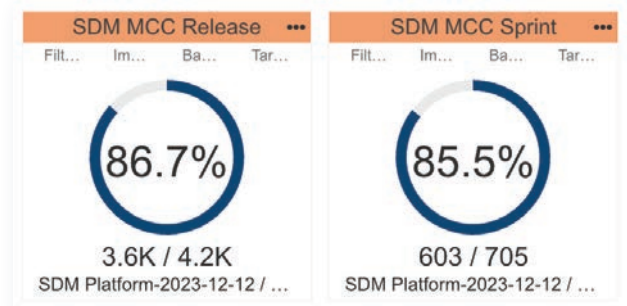

Increase Coverage With Modified Code Coverage Practice

Although certain legacy code may not be testable, all recently modified code should be tested. The modified code coverage widget enables you to measure coverage for only the recently modified code. If the coverage falls below an acceptable threshold, your team should take action.

Keep Your Eye on Security and Web Accessibility Issues

Leverage your existing functional tests to create security penetration and web accessibility tests. Run these tests during throughout the release cycle, not just at the end, to get early awareness of potential issues or risks.

Reports & Dashboards Are Just the Start

Parasoft DTP's analytics are exceptionally advanced because of how its data is aggregated and correlated. The Explorers within DTP give visibility into that data and enable powerful workflows with the development team, integrating directly in the IDE and CI/CD tools.

Aggregated Reports & Dashboards

DTP's flexible drag-and-drop dashboard provides over 50 out-of-the-box widgets, categorized and color-coded so you can quickly assemble your own view into your quality process.

Data Explorers for Deeper Insights

Explorers provide an interactive UI for exploring your test data and understanding how changes in your codebase are changing code quality. From Explorers, you can trigger external workflows.

Policy & Compliance Alignment

DTP provides a central location to collect all your test results, simplifying the process and effort for managing the quality process. Produce audit reports with the click of a button to show compliance with industry standards, including PCI DSS, CWE, CERT, and OWASP, using DTP's extensive and top-rated out-of-the-box reporting, customizable for your specific needs.

Use traceability to associate static analysis, test results, and underlying source code with the corresponding work items (requirements, user stories, and so on) from external systems. With comprehensive traceability reporting, development teams gain visibility into the quality of testing practices and corresponding source code.
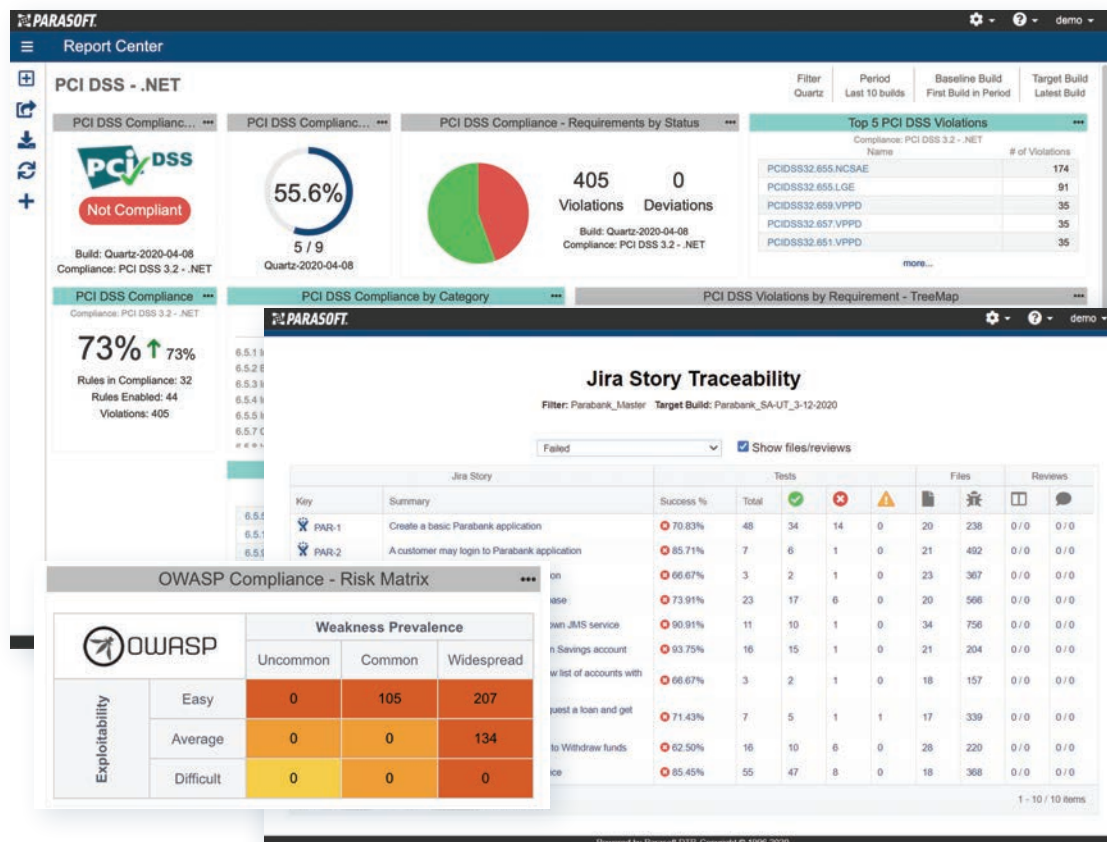
Track progress against compliance regulations and correlate test results back to development requirements.

Intelligent Analytics Provide Valuable Insights

Advanced analytics from Parasoft DTP's extensions enable you to drive process improvements, gain greater insights, and streamline the team's testing activities. Select from preconfigured extensions or create your own to view relevant quality metrics. Sample extensions include:

Test Impact Analysis

Why re-test everything every sprint? Optimize your testing strategy and focus on executing only the tests associated with the changes.

Test Stability

Did that test failure mean anything or is it always doing that? Where are the real regressions?

Risky Code Changes

What is the risk of the code that you just changed? What is the amount of existing quality debt?

With Extension Designer, you can customize your analytics dashboard with additional widgets from Extension Packs or custom widgets that you create.

Parasoft Corporation
www.parasoft.com

101 E Huntington Drive
Monrovia, CA 91016 USA

Sales: 1-888-305-0041
International Sales: +1-626-256-3680