

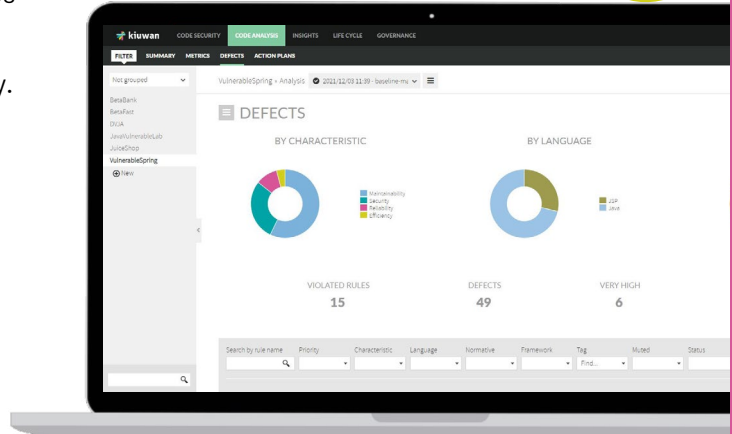
CODE ANALYSIS (QA)

Unparalleled scope in the detection of errors.

Blazingly fast code analysis in a collaborative cloud environment. Your team can scan and identify issues with key code characteristics in minutes including: Maintainability, Portability, Efficiency and Reliability.

Beyond Code Analysis

Blazingly fast code analysis in a collaborative cloud environment. Your team can scan and identify issues with key code characteristics in minutes including: Maintainability, Portability, Efficiency and Reliability.



“With just a glance, you can easily **understand** if your project is at risk or not.”

SUPPORTED LANGUAGES

We are continuously adding new coding languages & environments to the Kiuwan engine. Stay tuned for more to come.



KIUWAN STANDS OUT

✓ No configuration Needed

✓ Software models can be fully managed to truly reflect your applications characteristics

✓ Request a free demo or quote and discover how Kiuwan can help you fix your software and reduce your time to market

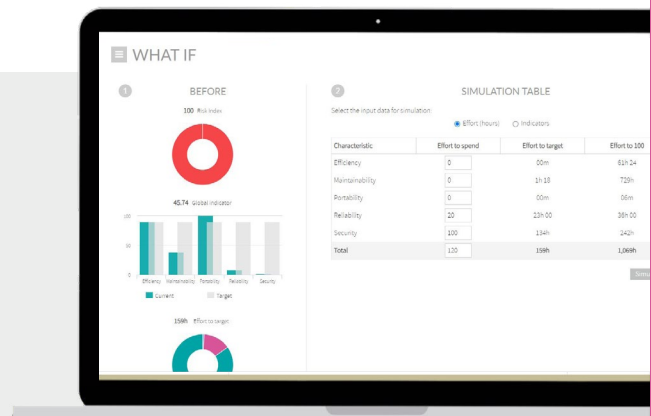
MAKING IT EASIER... AND MORE SECURE

- No installation.
- No configuration.
- Collaborative platform between development teams and software vendors. Create all the users you need.
- Reduces production incidents and errors detected in early tests performing validations of source code.
- It reduces development time making your development teams and suppliers comply with market standards.
- The code never leaves your infrastructure (behind the firewall) using Kiuwan local analyzer.
- Generation of indicators to make comparisons and measure developments and trends.

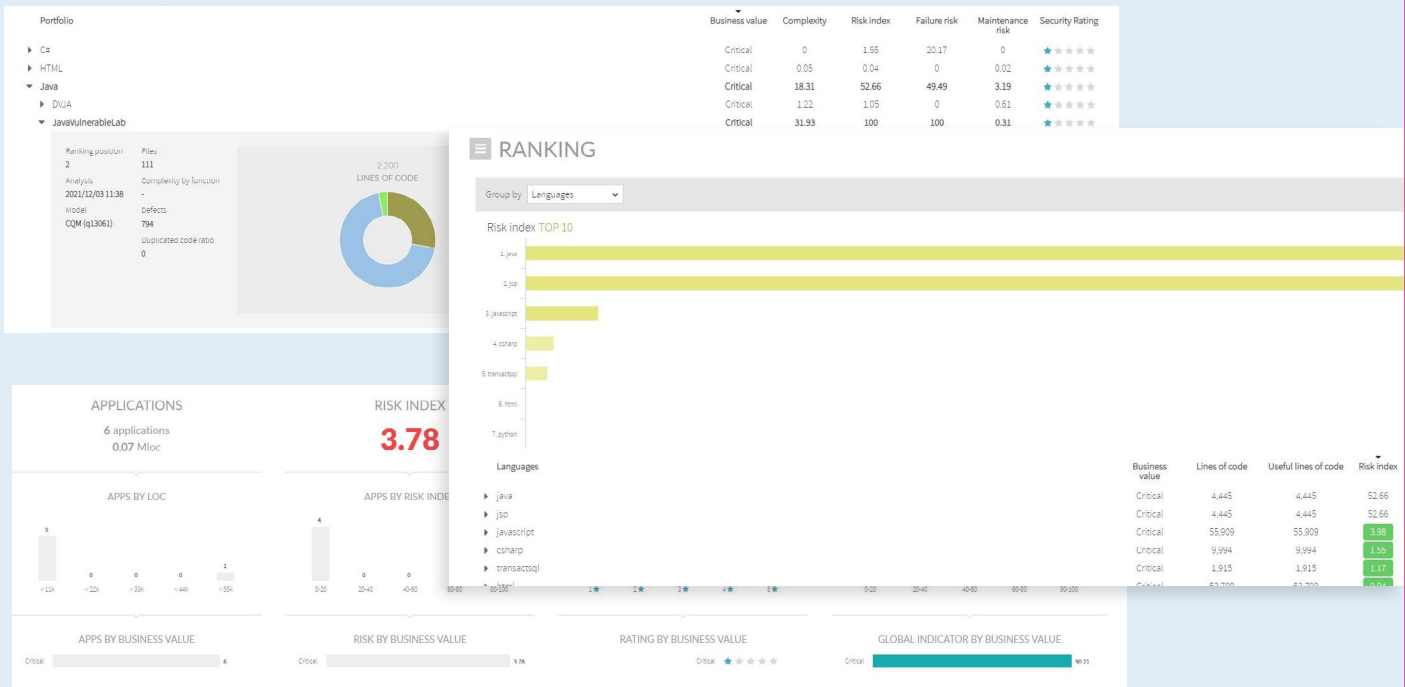
BEYOND CODE ANALYSIS

- Technical debt reduction. Manages the effort needed to correct the major flaws found.
- Visual configurator to create models to select the rules and properties of the analyzer.
- Make automatic or manual action plans and perform an automated monitoring of its implementation.
- Analyze continuously with Jenkins every time you build your application.
- Complete history of your analyses.
- Differential reports to find out what defects have been introduced or removed in each version.
- Editor deletions (defects mute) that recalculates metrics and indicators without having to re-analyze.
- Grouping or filtering application portfolios to facilitate data analysis.
- Ability to integrate with other analyzers (eg PMD, Findbugs, Checkstyle among others).
- Develop your own coding rules using the Kiuwan development of rules and SDK
- Import defect metrics from external analyzers and enjoy the capabilities Kiuwan offer with that data: mute defects, action plans, setting rules, etc.
- PDF report generation at executive level.
- CSV generation with defects and metrics.
- Export an action plan to Jira, PDF or CSV.

MAKE AUTOMATIC OR
MANUAL ACTION PLANS
AND CHECK THEIR
EVOLUTION



Governance Dashboards



Decision Making Oriented

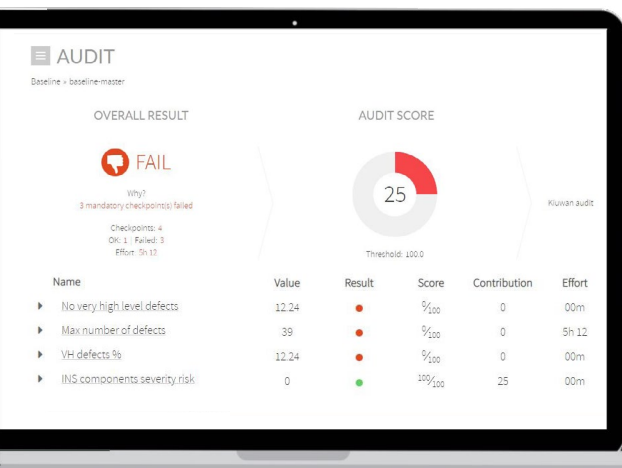
- Filter and group information by applications portfolios at any time.
- Analyze the most important business risks.
- Compare different portfolios of applications for important information about suppliers, business areas, equipment or technology development.
- Detect risky applications using different decision quadrants.
- Detect business risks.
- Detect production risks.
- Detect applications and portfolios with low maintainability index.
- Detect applications and portfolios with potential security vulnerabilities.
- Analyze the evolution of your portfolio of applications to predict early form where they will become problems.
- Record the activity of your development teams and software vendors, both in application and maintenance projects or change requests.
- Compare number of rejected deliveries from suppliers.
- Detect deviations from suppliers in compliance with industry standards.
- Full historical information to know what was the exact situation at any given point in time.
- Cross-reference data from different application portfolios.
- Define permissions and roles for your users. Control what information and what actions every member of the team can perform.
- Corporate governance reports in PDF.
- Define service-level agreements (SLA) to be met by each provider and verify compliance.
- Measure and compare the level of productivity of each team member in a given time interval.

Audit Your Software Development Deliveries



Manage Your Software Development Providers

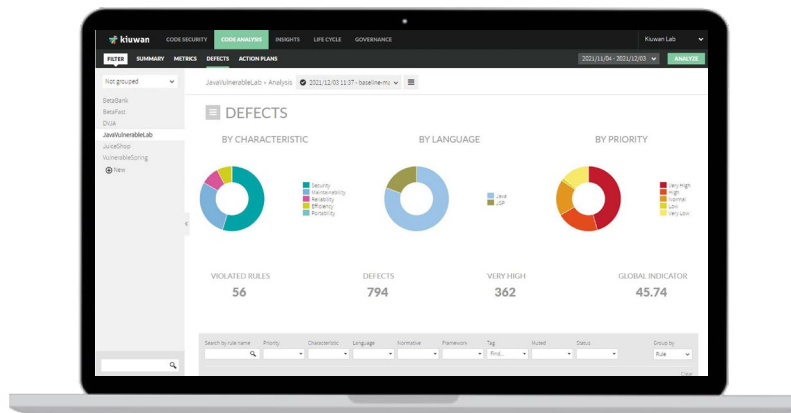
- Monitor the base of your application online.
- Define checkpoints and audits tailored to each type of project or change request.
- Change request promotion to baseline after acceptance of deliverable without rescanning.
- Views to compare different versions of applications in independent environments (Dev, test, production, etc...)
- State management for change requests or development projects (in progress, resolved, etc).
- Decide whether a new version of an application is ready to promote based on its status.
- Automatically check control points continuously during the construction or maintenance phases to ensure that applications do not degrade over time after modifications.
- Automate the entire process making Kiuwan connect with your continuous integration system (eg. Jenkins).
- Define permissions and roles for your users. Control what information and what actions every member of the team can perform.
- Reporting with defaults and effort required to repair deliveries.
- Control the work being done by each development team or each software vendor.
- Generate reports in PDF with detailed info on non- conformance deliveries.



- Key benefits
- Manage technical debt throughout your SDLC
- Development methodology agnostic
- Continuous integration automation
- *No development effort left behind*

INTEGRATES WITH YOUR DEVOPS ENVIRONMENT

IDEs	Build Systems	Bug Trackers	Repositories
eclipse Visual Studio IntelliJ Android Studio PhpStorm PyCharm CLion IBM Rational	Jenkins Team City Azure DevOps Team Foundation Server Bamboo circleci GitLab	JIRA ThreadFix <small>Powered by Denim Group</small> DEFECT DOJO Azure DevOps	ASSEMBLA GitHub Bitbucket



SCHEDULE A DEMO AT
[KIUWAN.COM/CODE-ANALYSIS-QA](https://kiuwan.com/code-analysis-qa)

LEARN MORE
 AT [KIUWAN.COM](https://kiuwan.com)

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