



ABOUT US

JuliaSoft is an innovative technology company specialized in software verification. We help our clients to **improve their application security and quality** by providing them with the best possible solutions for in-depth analysis of software.

Born as a University spin-off in 2010, JuliaSoft is now part of Corvallis Group, a leading Italian IT services company.

IN-DEPTH STATIC ANALYSIS SOLUTIONS

With JuliaSoft solutions, our clients can **significantly reduce** their development and maintenance costs, and **eliminate risks** related to security vulnerabilities and privacy leaks.

The uniqueness of our core technology results in a particularly **deep and accurate** analysis of Java, Android and .Net code, as demonstrated by open, repeatable comparisons (see OWASP Benchmark).

A profound understanding of the scientific principles at the base of the technology and an internal research team guarantee that our solutions always keep at the forefront of innovation.

JULIA SOLUTION SUITE

JuliaSoft offers a complete range of solutions and services to ensure you can truly rely on your software. All the solutions benefit from the powerful analysis technology to ensure maximum precision of results.

QUALITY

In modern organizations, software represents a fundamental corporate asset and can significantly **influence the business KPIs**. Julia features a complete range of CWE compatible checks to ensure that bugs, errors, inefficiencies and vulnerabilities are removed in the earliest phases of the SDLC and helps you to:

- Comply with international and industry-specific standards and guidelines;
- Optimize processes with significant reductions in Total Cost of Ownership;
- Boost your brand reputation.

SECURITY

The continuous growth of cybercrime means that all organizations are likely to suffer attacks in the near future resulting in **data breach, data loss and serious service disruptions**. Perimeter defense is only part of the solution, as security must be a multi-layer effort.

To help you protect your assets, Julia works from the inside and runs an in-depth analysis of your applications identifying the security vulnerabilities with unmatched accuracy:

- OWASP Benchmark winner for vulnerability detection with 100% precision;
- Coverage of the most serious and frequent vulnerabilities based on international classifications “OWASP Top 10” and “CWE-SANS Top 25 Most Dangerous Software Errors”;
- Ensure security of third-party applications with bytecode analysis.

PRIVACY

In **2018** the European **GDPR** (General Data Protection Regulation) directive will take the companies' responsibilities to a new level introducing stricter rules and **sanctions for non-compliance**. In this context Julia can be used to:

- Support compliance with GDPR requirements;
- Trace sensitive data and identify possible vulnerable points;
- Reduce the risk of data breach and the related sanctions.

SMART DEVICES

IoT and the exponential diffusion of **mobile devices** create new risk scenarios, where previously isolated components become part of the interconnected ecosystem and therefore potentially vulnerable. Julia helps you mitigate these risks:

- Julia analyzes Android, the most widespread language used for smart devices;
- The only tool to identify potential leakage of confidential information through *intents*;
- We are heavily investing in the design of domain-specific security checks (Android Automotive, Things...) with several ongoing R&D projects in collaboration with universities and other stakeholders.



AMONG OUR CLIENTS

AIRBUS

Allianz

CATTOLICA
SOCIETÀ CATTOLICA DI ASSICURAZIONI
DAL 1858

enel

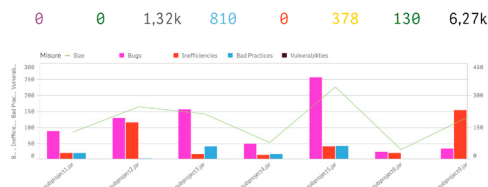
BANCO BPM
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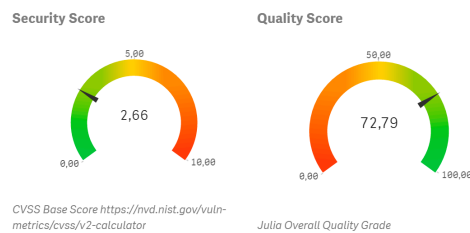
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REPORTING, ADVANCED ANALYTICS AND BUSINESS INTELLIGENCE

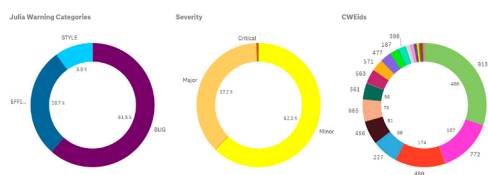
Julia result files can be linked with Business Intelligence platforms to conveniently produce **KPI dashboards** for Asset Management, Trend Analysis and more.



Julia automatically produces detailed reports for different audiences. **Code quality scores** and easy-to-read **graphics** make it simple to communicate Key Indicators to support decision making. All reports can be printed in pdf.



Technical team leaders and IT-managers gain insight filtering, organizing and comparing the results in order to coordinate activities and establish priorities.



EASE OF USE AND INTEGRATION

Julia flexibly integrates in the **Software Development Life Cycle** to guarantee a continuous quality assurance and comes with plug-ins for the most common IDEs

- Eclipse
- IntelliJ IDEA
- Android Studio
- Microsoft Visual Studio

You can link the power of Julia seamlessly in your **Continuous Integration** environment through **quality consoles** like SonarQube or via shell client.

ANYWHERE YOU WANT: CLOUD SERVICE, VPC OR ON-SITE

Julia analysis server can be installed **on-site** or set up in a **Virtual Private Cloud**. A tailor-made package including support, personalization and training will be studied to suit your specific needs.

Julia is also available as a **pay-per-use online service**. This is also the easiest way to give it a try: just register and take a free trial on juliasoft.com/cloud

An e-learning platform makes it quick and easy to train and certificate new users.

SOFTWARE ASSESSMENT SERVICES

If you want to benefit from Julia in-depth analysis capabilities, but prefer not to integrate the solutions on an organizational level, we can provide you the software security/quality assessment as-a-service.

You don't need to know anything about static analysis, abstract interpretation, true and false alarms: we take care of all the steps of the verification and you concentrate on your core business.

