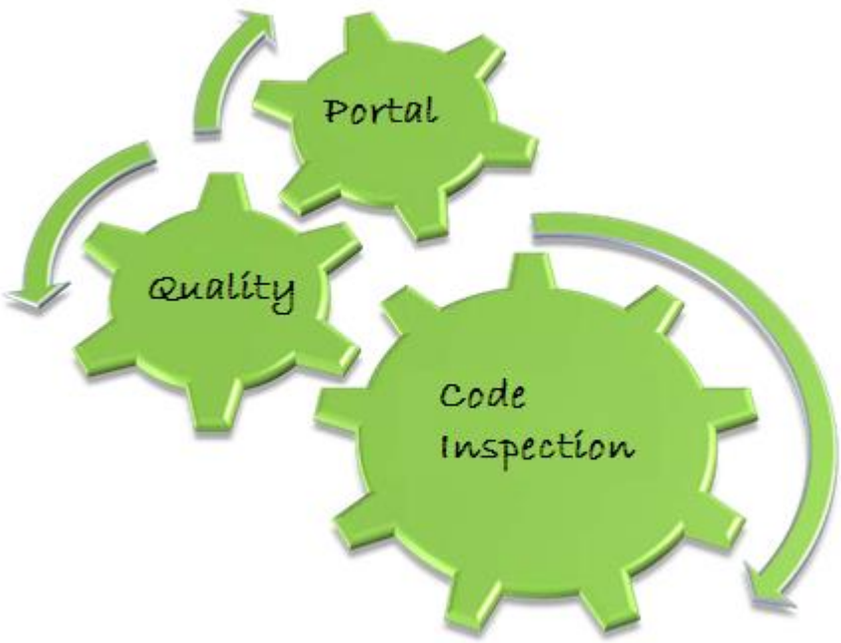
**Security** {Reviewer}

# Security Reviewer Suite




## *Security Reviewer*
## *Dynamic Reviewer*
## *Firmware Reviewer*
## *Team Reviewer*
## *Effort Estimation*
## *Mobile*

Multi-Language Code Analysis

# Security Reviewer Suite

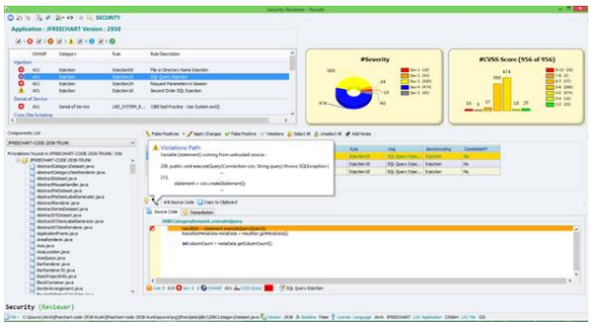
❑ ***Security Reviewer Products***

- Security Reviewer
- Quality Reviewer
- Mobile Reviewer
- Firmware Reviewer
- Team Reviewer

❑ ***Features***

- Classified Security Vulnerabilities
- Dynamic Exploit Analysis
- Correlation b/w Static and Dynamic Analysis
- Dead Code detection
- False Positives optimization
- **SQALE Quality Model**
- **Effort Estimation**

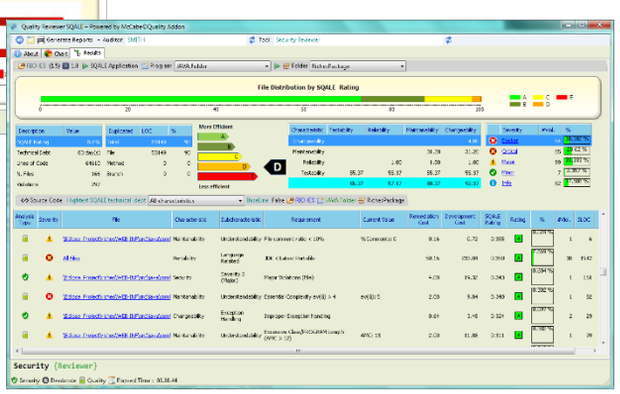
  **WMFP, OMG Automated FP, COCOMO, Revic, COSMIC FFP**



**Security Reviewer** is a Static and Dynamic Analysis toolset for all kind of apps (Mobile Android and iOS included) to support quality and secure code inspection, including software Metrics measurement, SQALE-based quality management solutions, Effort Estimation and Firmware Analysis

## ❑ Features

- **SAST** (Static Analysis) Works on un-compiled source code, with 40+ programming languages support, and catches problems that other suites miss. More importantly, provides defects detection earlier in the development cycle, when they are easier and less expensive to fix, with almost **Zero False Positives**.
- **Quality metrics** measurement and Application Portfolio Evaluation (100+ metrics like McCabe® complexity, Size and structure Metrics, Halstead Metrics, SEI maintainability, CK/Mood Metrics, Effort Estimation)
- **Attack Vectors** and Exploit scripts are automatically generated during Static Analysis. The included Dynamic Exploit Analysis provides a surface attack, acting like a smart sandbox, using Dynamic Syntax Tree
- **Software Composition Analysis** (SCA) provides a comprehensive management and reporting about frameworks and libraries dependencies, both by legal and security point-of-view
- **DAST** (Dynamic Analysis) Distributed Lightweight Pen-Test directly from you Browser
- **Firmware Analysis** from a Firmware image detects the vulnerabilities and possible exploit. No need of physical device
- **Vulnerability Management** & Tracking (SAST and DAST integration) with Team Reviewer. Support of 20+ third party tools
- Enhanced **SQALE** integrated defect analysis reports (1000+ effective security and dead code rules). What-if Analysis. Risk Index. **Technical Debt**. Quality Index. Confidence Factor. See: www.sqale.org/tools



# Compliance

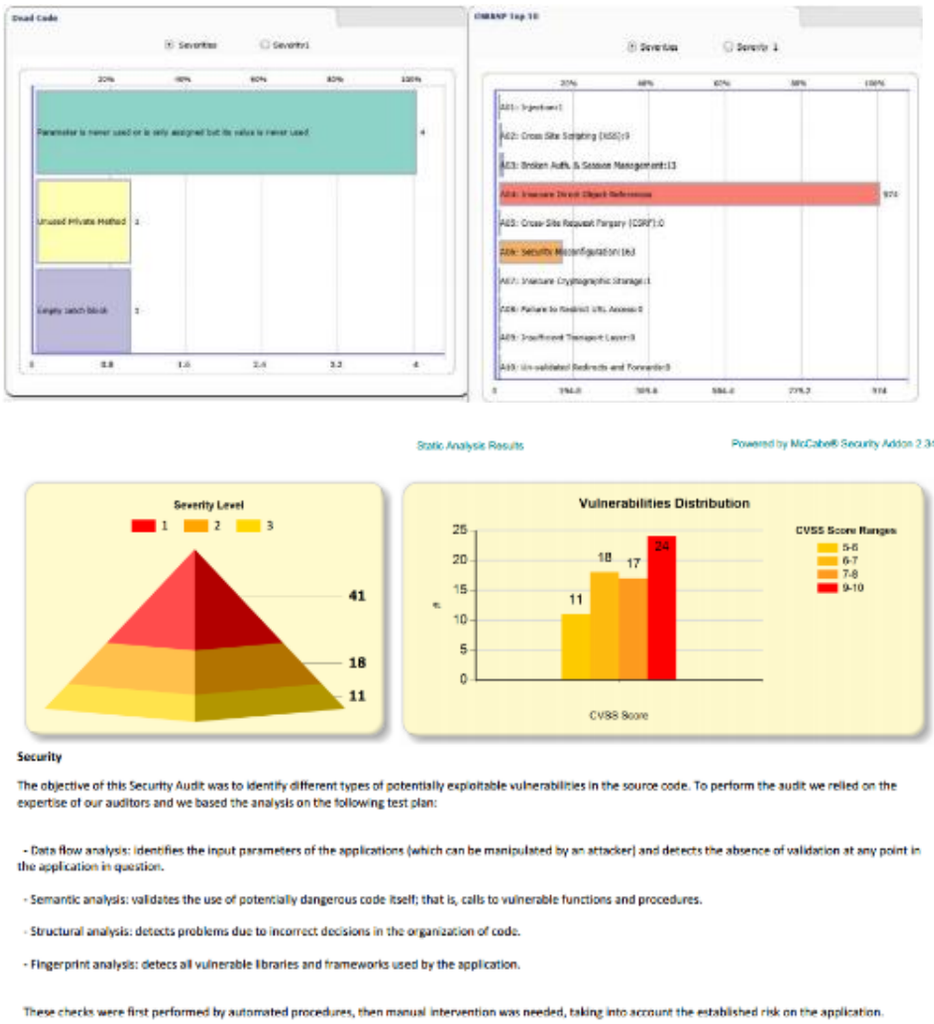
❑ ***Compliance Reporting***

- OWASP, CWE, PCI-DSS, WASC, MISRA
- CVE and CVSS
- Vulnerable Libraries detection
- Template- based Reporting
- SQALE enhanced Reporting
- Outsourcer Rating
- Confidence Factor

❑ ***Languages***

- **C/C++**
- **JAVA, JSP, JSF**
- **JavaScript, TypeScript**
- **C#, Vb.Net**
- **PHP**
- **Python**
- **R, Rust, Clojure**
- **Ruby, Groovy**
- **Scala, GO, Kotlin**
- **ABAP, COBOL**
- **Flex, ActionScript**
- **XML, XPath**
- **Mobile Android**
- **Apple Objective-C SWIFT**
- **sh, PowerShell, Auto-IT, LUA**

Each vulnerability detected, is classified using OWASP Top 10 2021, Mobile OWASP Top 10 2016, PCI-DSS 3.2.1, WASC, MISRA, CVSS v3.1, CVE and CWE compliance standards:




## ❑ Platform and System Requirements

- Windows 10 or higher. Windows 2008 SR2 or higher, Linux, MacOS.
- .NET Core 5
- At least 4GB RAM or minimum RAM required by Host System
- 1GB of free C: disk space during running

## ❑ Licensing and IDE

- Server License. Concurrent users with RESTFul API Server. (Yearly subscription)
- Desktop license (Yearly subscription)
- DevOps (Jenkins, GitLab, Azure DevOpz, Amazon AWS, Ant, Maven, Gradle, etc.)
- Firmware Reviewer (Cloud subscription)
- Effort Estimation add-in, Software Composition Analysis (Yearly subscription)
- Enterprise License. Includes Eclipse, IBM Rational Team Concert, MS Visual Studio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Main capability of our technology is to afford developers the ability to scrub their code of obvious and not-so-obvious weaknesses as they work, before they submit their code for check-in and more formal down-stream validation procedures.

Security Reviewer is an Italian startup company beginning its path on app security in 2001. Security Reviewer is made of a group of senior professionals with strong Application Security skills, some of them formerly University Professors worked on applying classic security methodologies (OWASP, OSSTM, CVSS notation) on Web apps and Mobile environments.