

# SECURE YOUR PHP APPLICATION

STATIC CODE ANALYSIS by RIPS TECH

## CAN YOU TELL IF YOUR PHP APPLICATION IS SECURE?

Cyber criminals try to exploit security vulnerabilities in the application source code every day. A single line of PHP code can lead to data theft, website infection with malicious software, or a complete takeover of the underlying web server. Sensitive customer data and intellectual property have to be protected at all costs.

PHP APPLICATIONS ARE THE #1 CHOICE OF CYBER CRIMINALS

84% OF WEB APPS HAVE AT LEAST ONE SEVERE VULNERABILITY

EVERY 1,000TH LINE OF CODE INTRODUCES A SECURITY RISK

**MANUAL DETECTION** of all security vulnerabilities in modern PHP applications with hundreds of thousands of lines of code requires deep security knowledge, is time-consuming, and is impossible for fast-driven development.

**DYNAMIC BLACKBOX TOOLS** perform a lightweight scan from the outside of a fully deployed web application by testing **only for known attack patterns** without the ability to cover all internal application features. Thus, **sophisticated issues are missed**.

## DETECT REAL SECURITY ISSUES WITHOUT FALSE POSITIVE NOISE

RIPS performs **static code analysis** on the source code of an application without deploying or running the application. The source code is transformed into an abstract analysis model that enables **efficient taint analysis**.

### UNMATCHED ACCURACY

Detection of real security issues without false positive noise.

### REVOLUTIONARY PERFORMANCE

Scan even millions of lines of code in a few minutes.

### UNIQUE PHP DEDICATION

Dedicated to PHP for the most accurate analysis.

### DETECT ISSUES AS EARLY AS POSSIBLE

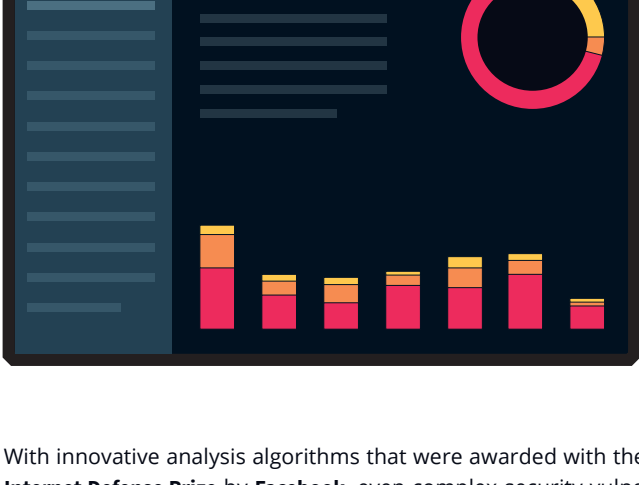
Save time to market and reduce risks of attacks.

### FIX AT THE LOWEST COST POINT

Getting things right the first time costs less.

### 100% CODE COVERAGE

Support of all PHP versions and major frameworks.



With innovative analysis algorithms that were awarded with the **Internet Defense Prize** by **Facebook**, even complex security vulnerabilities are detected that no other solution is able to find.

Code developers and security analysts use RIPS to ensure that security vulnerabilities do not remain undetected in the code.

## RIPS' FEATURES FOR AN EFFICIENT VULNERABILITY RESOLUTION MANAGEMENT

### TEAM COLLABORATION

Issue priority and user privilege management

### CODE SUMMARY

Navigate through affected code lines

### APP RESCAN

Measure concrete progress in security

### FILTER + EXPORT

Search, filter and export security issues

### PATCH GUIDE

Detailed vulnerability resolution guide

### ANALYSIS PROFILES

Customize code analysis to your application

### SUPPORTED INDUSTRY STANDARDS

**OWASP**  
Top 10 list of vulnerabilities

**SANS**  
Top 25 list of most dangerous errors

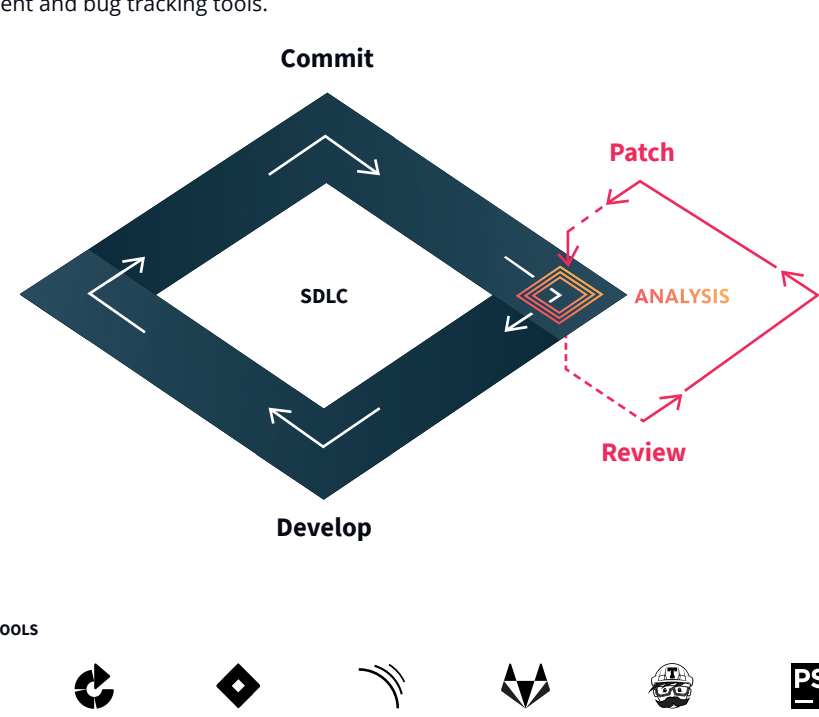
**CWE**  
MITRE CWE classification

**PCI**  
PCI DSS compliance for payment card data

**HIPAA**  
HIPAA compliance for health information

## INTEGRATE SECURITY, FOCUS ON DEVELOPMENT

Both our **extensive API** and **CLI tool** allow to easily integrate **RIPS'** security analysis and its results into the software development life cycle. This enables continuous security checks that alert as soon as a new vulnerability is introduced to the code. **RIPS** can be integrated into all major build management and bug tracking tools.

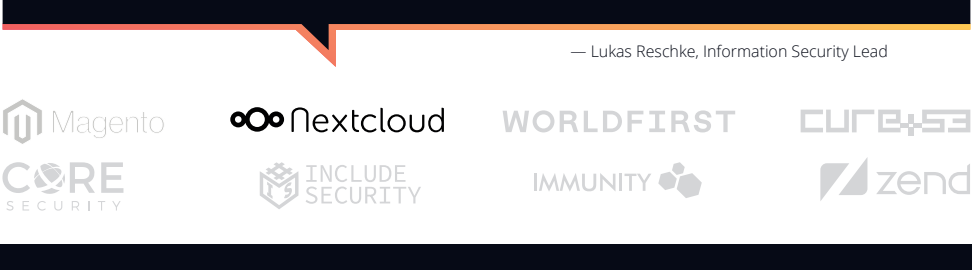


- SUPPORTED TOOLS**
- JENKINS
  - BAMBOO
  - JIRA
  - SONARQUBE
  - GITLAB CI
  - TRAVIS CI
  - PHPSTORM

*We have been using SAST products from a couple of big and well known vendors but the results we were getting were little more than elaborate script searches with too much noise resulting in a painful waste of time.*

*RIPS provides highly accurate analysis finding bugs that were not detected by the other tools, is more elegant to navigate, and it saves hours of work.*

— Lukas Reschke, Information Security Lead



### Examples of critical vulnerabilities DETECTED BY RIPS, MISSED BY OTHERS

OPEN SOURCE VULNERABILITIES	LDAP Injection JOOMLA! 3.7.5	Local File Inclusion PHPMYADMIN 4.2.10
	SQL Injection SUGARCRM 7.9	Cross-Site Scripting WORDPRESS 4.0.1
	Remote Command Execution ROUNDcube 1.2.2	PHP Object Injection MAGENTO 1.9.0.1

## PRODUCT EDITIONS

**ON-PREMISES**  
Install RIPS on your own local server, control resources and data.

**SOFTWARE-AS-A-SERVICE**  
Get access to our secure and scalable code analysis platform.

*Magento selected RIPS technology to enhance the scanning capabilities of all Magento products. Using RIPS API, Magento streamlined its Threat Intelligence pipeline to provide automated scanning and threat identification.*

*RIPS Tech team support is outstanding, ensuring Magento an easy set up and operational excellence.*

— John Steer, Chief of Product Security, Magento



— Erik Cabetas, Managing Partner, Include Security

*IncludeSec has executed security assessments for hundreds of tech companies and worked with a variety of SAST tools. Our engagement time is often limited, as such speed and comprehensiveness are must-haves.*

*With RIPS' unique efficiency, accuracy, and coverage we find more bugs in less time. RIPS is, without doubt, the most comprehensive PHP static code analyzer today and a game changer for assessments!*

REQUEST YOUR DEMO TODAY  
[www.ripstech.com](http://www.ripstech.com)