

The Software Composition Analysis (SCA) Solution

The Challenge

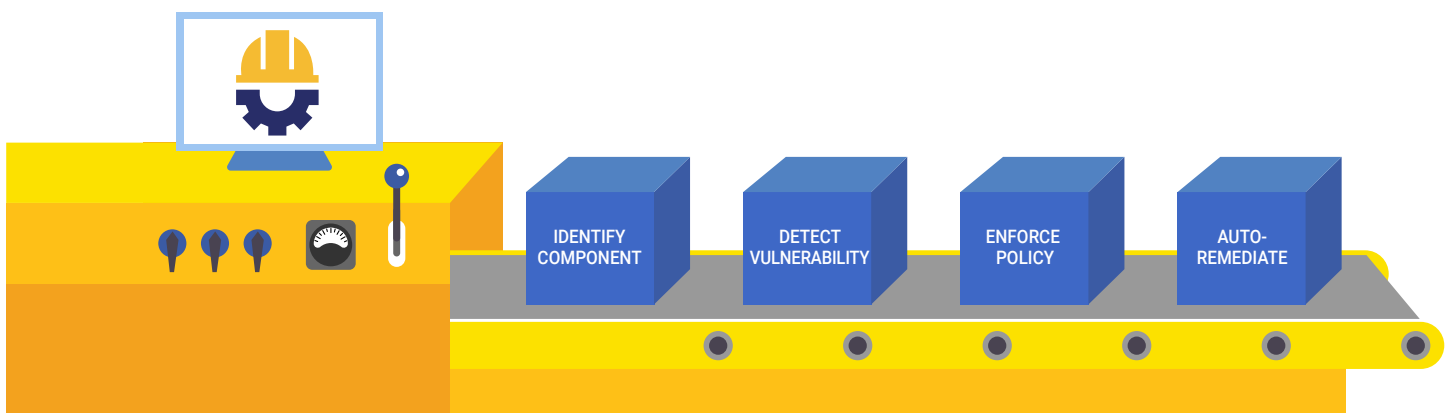
Open source components have become the key building block in today's applications, allowing organizations to build better products, faster. However, open source components introduce their own unique set of security and licence compliance challenges that many organizations may not be equipped for.

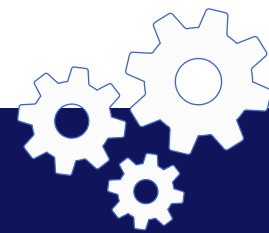
The question is: how can organizations harness the power of open source without having to compromise on security, speed, or agility?

The Solution

WhiteSource allows organizations to gain full visibility and control over their open source usage. It runs silently in the background, detecting all open source components in the code, including all transitive dependencies, every time a build is run or a commit has been performed.

Once detected, the data is cross-referenced with the pre-setup policies to initiate automated workflows, issue alerts in real-time, and offer a wide range of reports available for download.



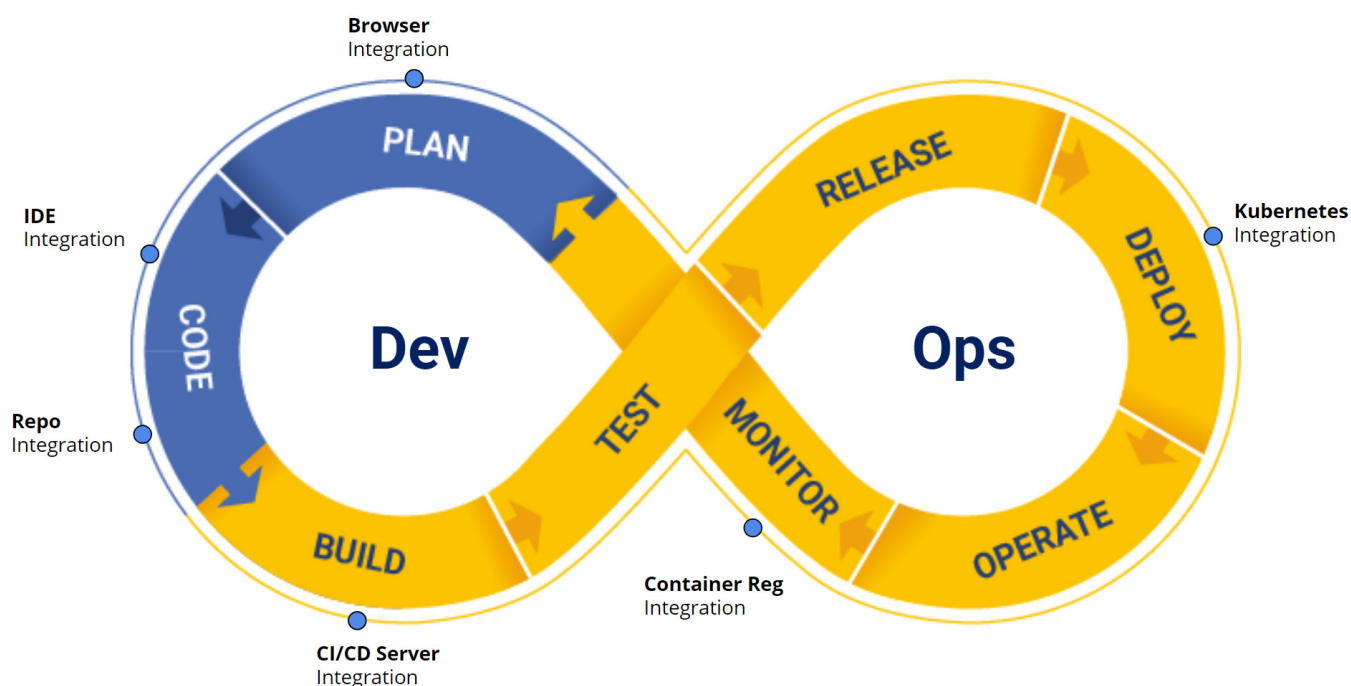


The Key Benefits

- 1 Detection**
Identify all open source components, including transitive dependencies, every time you run your build or do a commit.
- 2 Prioritization**
Focus only on what really matters by guaranteeing no false positives and prioritizing vulnerabilities based on their impact. [Learn more about vulnerability prioritization here.](#)
- 3 Remediation**
Speed up remediation with automated fix pull requests, as well as suggested fixes, and automated workflows including Jira and Work item integration.
- 4 Reporting**
Get detailed reports with the most current data so that your information remains as accurate as possible.

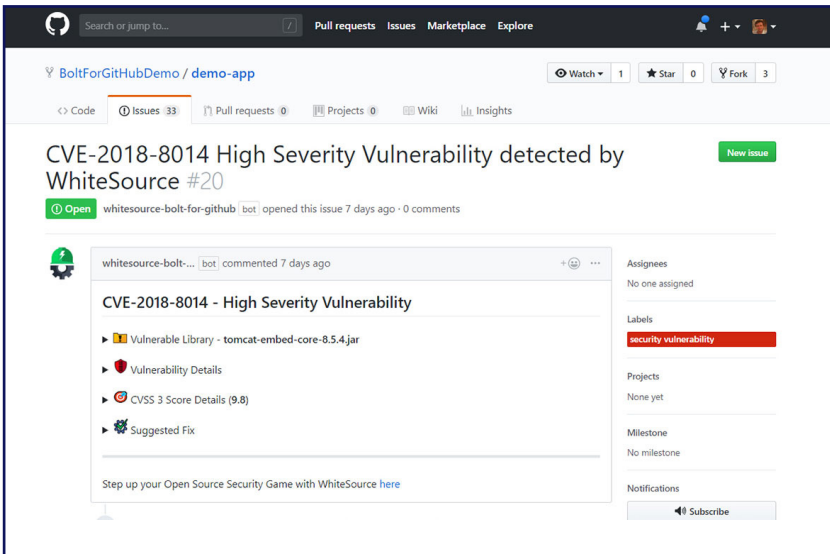
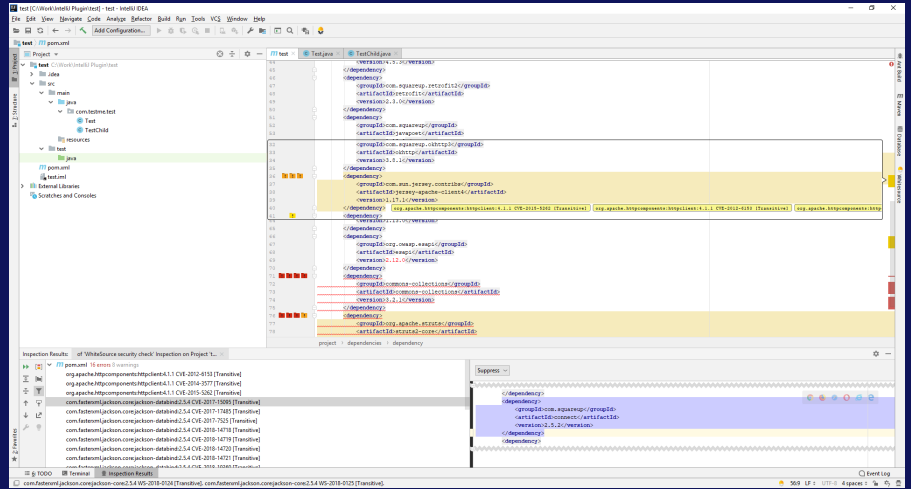
A Holistic Solution for Open Source Management

WhiteSource supports teams at every step of the software development lifecycle by integrating seamlessly with all environments with one unified agent. Promoting both a shift left and shift right approach to open source security and management, WhiteSource alerts teams on their open source usage from the earliest stages while coding within their native IDE and repository environments, through the build phase, and on to post-deployment.



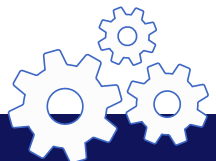
IDE Integration

The IDE integration provides real-time alerts over known open source security vulnerabilities while coding within the IDE UI. When a vulnerable component is detected, icons will appear in the code editor and practical remediation guidance and insights will be suggested.



Repository Integration

The Repository Integration detects all open source components in developers' repos on every commit, alerts on vulnerabilities, and provides suggested fixes, all within the native repo UI. It also enforces policies on security checks, initiates workflows, and offers a wide range of up-to-date reports and actionable insights on open source issues.



One Dashboard to Rule Them All

These integrations allow teams to streamline development with full control and visibility over their open source usage. Policies can be set up in order to automatically enforce security and licence compliance rules to block vulnerable or problematic components. All scan results and their details can be viewed in real-time in the WhiteSource UI.

