AI Native AppSec Platform: Mend SCA

Open source risk management for AI driven development

The Challenge

Open source components help developers create better applications faster, but they also introduce multiple sources of risk for organizations. These include exploitable vulnerabilities, licensing complexities, and malicious packages that can compromise applications. As organizations shift to AI powered development, which heavily relies on open source, the attack surface expands even further.

To combat these multifaceted threats, security leaders require comprehensive solutions to protect every developer and every application from this expanded spectrum of threats across the software development lifecycle.

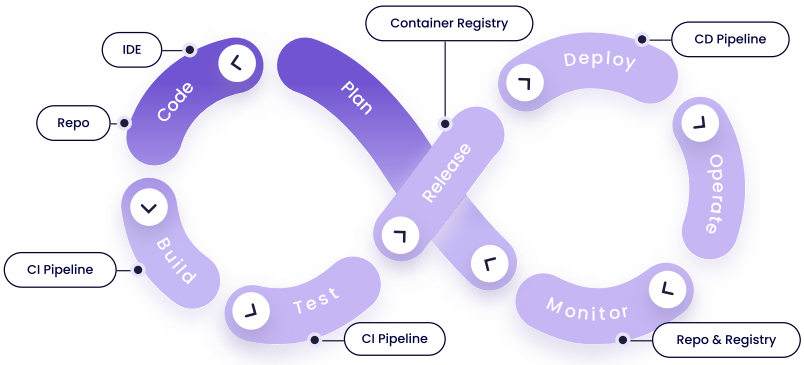
The Solution

Effectively managing open source risk demands a holistic approach, leveraging software composition analysis (SCA). Part of Mend.io's AI Native AppSec Platform, Mend SCA gives organizations full visibility and control over open source usage and security—making it easy for developers to remediate open source risk directly within their native workflows, including those used in AI powered development.

Running silently in the background, Mend SCA detects open source components (including direct and transitive dependencies) every time a developer commits code or builds the application. When Mend SCA detects vulnerabilities, malicious packages, or licensing policy violations, it issues real-time alerts with automatic remediation capabilities, or even blocks malicious packages and licensing violations before they become part of your code base.

Remediate open source risk at every step

Mend SCA supports teams in every phase of the software development life cycle. It integrates with AI code assistants, IDEs, repositories, registries, and CI/CD pipelines to provide automated risk remediation and policy enforcement that works while you code, build, deploy, and improve your applications.



With Mend SCA, You Gain...

Integrates with AI Assistants

Find and fix open source vulnerabilities, before committing it to the repo.

Reduces MTTR

Accelerate remediation with automated pull requests to fix open source vulnerabilities at the speed needed for AI development.

Stops malicious packages

Detect and eliminate malicious packages in your existing code base and block them from entering new applications.

Eliminates false positives

Pinpoint reachable and exploitable risks specific to your application, including those powered by AI, while indicating ones that can be safely ignored.

Automates dependency updates

Reduce up to 70% of vulnerabilities from your code base by identifying outdated dependencies and automatically generating pull requests enriched merge confidence insights.

Deploys at scale, fast

Implement Mend SCA for thousands of developers in less than an hour, across all your applications in development, even those using AI.

Ensures full adoption

Ensure 100% adoption of Mend SCA and enhance overall risk reduction by opting to require scans after every code commit.

Why Mend.io's AI Native AppSec Platform?

Security teams choose Mend.io for its unique capabilities, including:

Broad language support - With over 200 supported languages, The Mend AppSec Platform uses Mend SCA to detect vulnerabilities and licensing issues for a wide range of applications.

SBOM creation - Create and export software bills of material (SBOM) in standard formats to comply with regulatory requirements and customer requests.

Rapid critical vulnerability remediation - With immediate detection and automatic remediation of newly disclosed vulnerabilities, finish the fire drill faster so your teams can keep doing what they do best.

Reporting and dashboards - Get a holistic view of your entire open source risk picture, from licensing and compliance to your security posture and remediation backlogs.

Low developer burden - The Mend AppSec Platform is a security solution your developers will actually use, with fast and automated workflows that don't require switching tools.

Advanced reachability analysis - Patented reachability path analysis that shows you which vulnerabilities pose the biggest threat.

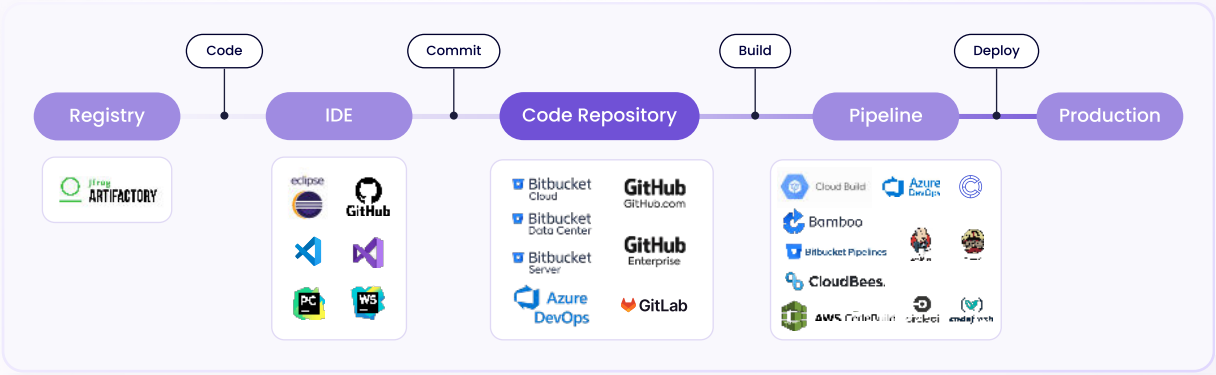
Risk-based prioritization - Gain deeper insights into vulnerability risks with CVSS 4.0 severity ratings and EPSS exploitability data.

Automated remediation - Automatic pull requests enable developers to fix security and licensing issues with a single click.

Merge confidence data - Provides developers with crowd-sourced statistics that indicate the likelihood that a dependency update will break their project.

Open source license compliance - Gives legal teams the visibility and control needed to ensure open source components meet organizational standards as you innovate with AI.

Container image scanning - Find vulnerabilities in container image layers before they reach production.



Mend.io offers the first AI native application security platform, empowering organizations to build and run a proactive AppSec program tuned for AI powered development. The unified platform secures AI generated code and embedded AI components, drives risk reduction through AI powered remediation, automates compliance, and provides a holistic enterprise scale view of risks and clear actions for developers across your entire codebase.

Learn more at