



Reduce False Positives and Accelerate Secure Development with AI Powered SAST Remediation



The Challenge

Security teams are stretched thin, grappling with an expanding attack surface. At the same time, developers face the added responsibility of security that often is seen as a roadblock to their primary goal of feature delivery. Static Application Security Testing (SAST) tools were intended to identify vulnerabilities early, but their reputation for lengthy scan times and high false positive rates often creates more friction than value. Developers are left sifting through numerous alerts, manually interpreting findings, and implementing fixes – or worse, ignoring them entirely, leaving applications vulnerable.



The Solution

Managing risks in custom code requires a forward-thinking and holistic approach. Mend SAST leverages the power of artificial intelligence to reduce noise and empower developers to find and fix vulnerabilities in their proprietary code with unprecedented speed and accuracy.

Benchmark Performance

Testing conducted by an external third party found that Mend SAST **performed on average +46% better than competitors** at providing safe, non-build breaking, and accurate AI generated code fixes against actual issues. Additionally, Mend SAST's detection engine **outperformed competitors on average, +38% better at precision and +48% better at recall.**

Precision: The amount of findings that are relevant (Higher is Better)

Language	Mend.io	Competitor Average
Python	75.0%	44.3%
Java	82.0%	48.0%
C#	71.0%	21.0%
JavaScript	81.0%	42.7%

Recall: The amount of relevant findings that were actually found (Higher is Better)

Language	Mend.io	Competitor Average
Python	84.0%	26.7%
Java	79.0%	37.7%
C#	86.0%	25.0%
JavaScript	77.0%	46.3%

Reduce noise, remediate fast

Reduce false positives

Advanced AI powered scan engine demonstrates exceptional accuracy, achieving **+38% better precision** and **+48% better recall** than competitors.

AI powered remediation

Automatically generate actionable code fixes that are **+46% more accurate** than the average competitor, dramatically speeding up the remediation process.

Faster scan times

Up to **10 times faster** than traditional SAST solutions, Mend SAST can be triggered with every code commit, so you can identify risks before they take the lead.

Data flow consolidation

Using advanced data flow consolidation, Mend SAST eliminates redundant alerts, cutting down on excess noise.

Enhanced developer experience

Designed with the developer in mind. It shows only new findings tied to recent code changes and consolidates flows reaching the same sink, providing focused and actionable insights directly within the repository in near real-time.

Hybrid cloud solution

By scanning locally and performing analysis in the cloud, Mend SAST gives you peace of mind that source code is not leaving your premises, combined with fast deployment and low maintenance.

Build secure applications from the ground up

Mend SAST enables security and development teams to proactively address risks in custom code with AI powered remediation. Improve your security posture and risk management strategy while increasing developer accountability and decreasing frustration.

AI powered remediation provides clear and actionable guidance with AI-based code fixes that are **+46% more accurate** than benchmark competitors, empowering developers to effectively resolve vulnerabilities.

AI powered remediation minimizes the risks of error-prone manual remediation that leaves applications at risk.

Accelerated time to remediation with AI powered automation allows developers to concentrate on building new features.

Mend SAST shows only new findings tied to recent code changes and consolidates flows reaching the same sink, in near real-time, directly in the repo, with detection that is **+38% more precise** and **+48% better recall** than competitors.

Mend SAST performs scanning on-premises and delivers cloud-powered analysis without your source code ever leaving your premises.

Mend SAST completes scans **10x faster** than traditional scanners, giving developers immediate feedback directly in their repositories.

About Mend.io

Trusted by the world's leading companies, including IBM, Google, and Capital One, Mend.io's enterprise suite of application security tools is designed to help you build and manage a mature, proactive AppSec program.

Mend understands the different AppSec requirements of developers and security teams. Unlike other AppSec solutions that force everyone to use a single tool, Mend helps them work in harmony by giving each team different, but complementary, tools—enabling them to stop chasing vulnerabilities and start proactively managing application risk.

Learn more at

