Static Application Security Testing (SAST)

OnDefend

Source Code Analysis

Billions of Lines of Code Reviewed and Counting

Automated SAST tools are good at finding known vulnerabilities. Risk that actually leads to compromise, including business logic flaws, chained vulnerabilities, and insecure code patterns, require human expertise.

OnDefend's source code analysis combines automated scanning with expert manual review to identify the issues that matter before your code is shipped.

Testing Capabilities

Web Applications
Front-end, back-end, and framework code (React, Angular, Node.js, .NET, Java, PHP, Python)

Desktop Applications
Windows, macOS, and Linux clients (C/C++, C#, Java)

Mobile Applications
Native iOS (Swift, Objective-C) and Android (Kotlin, Java), plus cross-platform frameworks

APIs and Web Services
REST, GraphQL, SOAP, and microservices

Cloud and Infrastructure as Code
Terraform, CloudFormation, Kubernetes, serverless functions

Embedded and IoT Firmware
Device-resident code where source is available

Outcomes

- Vulnerabilities caught early in the SDLC, when fixes are fastest and least costly
- Prioritized findings report with severity ratings, affected code locations, and remediation steps
- Reduced attack surface across web, desktop, mobile, API, and cloud environments
- Compliance evidence for PCI DSS, HIPAA, ISO 27001, and related frameworks

By uncovering issues early in the SDLC, organizations can reduce risk, lower remediation costs, and improve developer security awareness before vulnerabilities reach production.

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