

APPLICATION SECURITY PLATFORM

Software Powers Innovation

Software development is at the center of innovation for modern organizations. Software is also becoming increasingly complex, and security is struggling to keep up with the speed of development. That doesn't mean, though, that we take the emphasis off security: Application security testing (AST) remains a critical step in the creation of secure software. Without comprehensive AST in your software delivery pipeline, your application code, third-party libraries, and infrastructure as code (IaC) deployment templates could be introducing unnecessary risk.

What your organization doesn't need is multiple point solutions, unconsolidated and inaccurate results, or complex testing infrastructure. You simply can't afford the time, friction, or overhead. For your teams to code boldly and deliver great applications, you need the assurance of great AST services with a low-overhead delivery mechanism.

Reduce Risk and Stay Efficient

The Checkmarx Application Security Platform™ delivers essential application security services from a unified platform. In one scan, it analyzes source code, open source dependencies, and IaC templates, aggregates and verifies the results, and augments them with expert remediation advice. Best of all, these services integrate right into your existing tools and processes. The services are

delivered from a data-isolated, secure software as a service (SaaS) platform, eliminating the overhead of managing the infrastructure and providing continuous service updates as well as functionality enhancements.

With the platform, you can trigger a comprehensive code scan from a single event, like a click in the GUI or a commit to the source repo.

The Application Security Platform is launching with three critical AST services—static application security testing (SAST), software composition analysis (SCA), and IaC security—delivered from an easy-to-use SaaS platform:

- > **Checkmarx SAST™** is a flexible, enterprise-grade solution that identifies vulnerabilities in custom code. Development, DevOps, and security teams use it to scan source code early in the SDLC, find vulnerabilities, and gain actionable insights about remediating them.
- > **Checkmarx SCA™** empowers development, security, and operations teams with the tools and insight they need to address risks associated with the open source code components in the applications they create, deploy, and maintain.
- > **KICS** scans IaC to find security vulnerabilities, compliance issues, and infrastructure misconfigurations. With more than 1,000 predefined queries, KICS can help you quickly find IaC security issues before they make it to deployment.

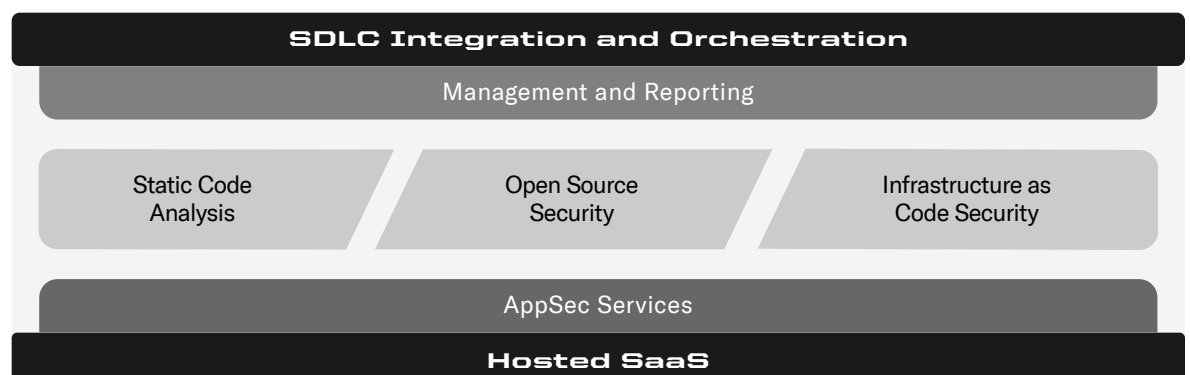


Figure 1: Three critical AST services

Why Use Our Platform?

Bringing together critical services and integrated, proven technology, the AppSec Platform gives you:

- > **Aggregated scans:** Trigger multiple scan types from a single event and aggregate the results for a complete, more accurate picture of your code security.
- > **Faster time to value:** Kick-start your AST program in hours, not days, with fast onboarding, simple configuration, and automated scan tuning.
- > **Speed and scalability:** Leverage secure, cloud-powered scanning at whatever capacity you demand, with no need to manage scanning infrastructure.
- > **Lower friction and overhead:** Integrate the platform into your existing software build pipelines and feedback systems instead of training your teams on whole new toolsets.
- > **Wide technology coverage:** Know you're covered across your development portfolio with support for 30+ languages, most popular package managers, and a growing list of IaC and API templates.

Exceptional Service Packages

As a core part of the platform, we've built our Platform Service Packages—available at the included Standard level or optional Premium—to help you integrate the platform into your pipelines, maximize your ROI, and start getting high-fidelity test results and remediation guidance as quickly as possible.

You'll get direct access to our AppSec experts from the initial engagement to seamless integration of AST into your SDLC, including ongoing developer education, as we work with your teams to measurably improve your AST program.

See our Application Security Platform Service Packages datasheet for more details.

The Bottom Line

The Checkmarx Application Security Platform is the essential solution for security teams that need excellent AST and want to reduce their time to value. It empowers developers and security teams alike without the complex overhead of legacy point solutions.

TABLE 1: SUPPORTED ENVIRONMENTS

| SAST Language Support | | SCA and Package Managers Language Support | | IaC Format Support |
|-----------------------|--------------|---|------------|--------------------|
| Apex | Kotlin | Angular | Node.js | Ansible |
| ASP | Perl | C# | PHP | AWS CloudFormation |
| C# | PHP | F# | Python | Kubernetes |
| C/C++ | PL/SQL | Java | React | Helm |
| Cobol | Ruby | JavaScript | Scala | Terraform |
| Go | Scala | .NET | TypeScript | OpenAPI 3.0 |
| Groovy | VBScript | Package Managers | | |
| Java | Visual Basic | | | |
| JavaScript | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | Bower | NPM | |
| | | Composer | NuGet | |
| | | Gradle | Pip | |
| | | Lerna | SBT | |
| | | Maven | Yarn | |