CHECK POINT

CloudGuard Code Security

Monitor, classify, and protect your code, assets, and infrastructure from exposed API keys, tokens, credentials, and high-risk security misconfigurations.

Infrastructure as Code (IaC) simplifies deployment and configuration, but it also creates new security challenges as the environments are often very complex and expansive, making it difficult to monitor the code for evolving threats. In addition, there are limited IT resources to keep up with the level of diligence needed. To offset these challenges, IaC security solutions look to inspect for configuration and security issues, as well as compliance with company policies and regulatory guidelines. In order to scale this process, automation is a necessity.

Best Security From Code to Cloud

CloudGuard Code Security is a developer-centric security platform that seamlessly monitors, classifies, and protects codes, assets, and infrastructure; in a simple way without noise. Fully integrated within CloudGuard CNAPP, organizations can shift left for smarter threat prevention, enlisting pipeline security that protects against exposed API keys, tokens and credentials, as well as identifies and stop security misconfigurations and other vulnerabilities.

IaC USE CASES	
IaC CODE SCANNING	Scan code, configuration, binaries, or any other material in your codebase. Uncover issues that are visible and hidden from plain sight.
SOURCE CODE LEAKAGE DETECTION	Mitigate secret leaks caused by bad credentials hygiene and human error.
SOURCE CONTROL AND CI/CD SECURITY	Ensure a secure development process for a dev team enforced by CI. Harden CI/CD processes by eliminating common mistakes.
HARD CODED SECRET DETECTION	Map & monitor hidden sensitive assets, codebases, logs, and other sensitive intellectual property that was left exposed in public facing repositories.

Scan Everything and Prevent Costly Mistakes

Mitigate secret leaks caused by bad credentials hygiene and human error that can have devastating results. CloudGuard scans code, configuration, binaries, or any other material in your codebase to uncover issues that are visible and hidden from plain sight.

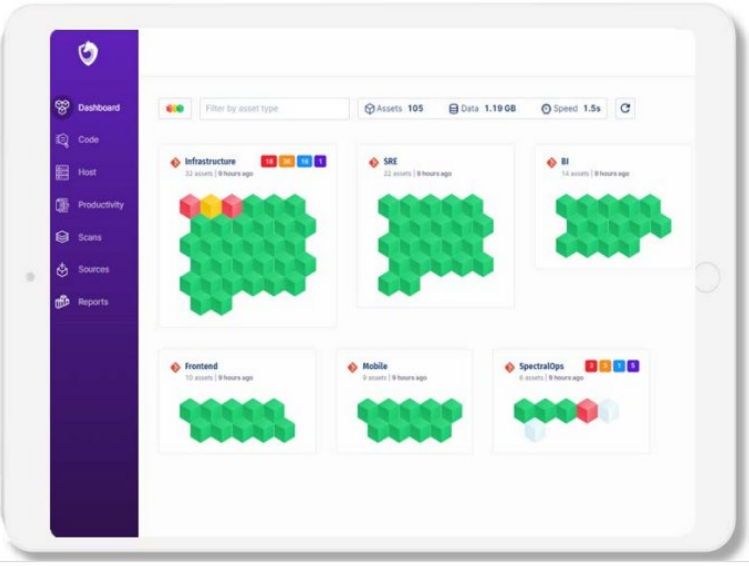
Scan All of Your Public Assets

CloudGuard Code Security supports more than 500 different stacks, including public code hosting platforms (such as Github, Gitlab, etc) and is program language agnostic for the widest range of protection.

- **Integrate with your CI** - CloudGuard integrates with all leading CI systems with built-in support for Jenkins, Azure and others.
- **Detect as early as a pre-commit** - When working with Git, employ our pre-commit, Husky and custom hooks to automate early issue detection.
- **Install your build systems plugin** - Scan during your static builds with native plugins for JAMStack, Webpack, Gatsby, Netlify and more.

Eliminate Public Blind Spots

Uncover and monitor shadow resources, public deficiencies, supply chain gaps and security blind spots across multiple data sources in a single dev-friendly platform. CloudGuard continuously maps developer mistakes, access detail and secret management detection with an ever-growing coverage using AI/ML and our proprietary tech.



- **Monitor out-of-sight assets** — Map and monitor hidden sensitive assets such as codebases, logs, and other sensitive intellectual property that belong to your organization, but were left exposed in public facing repositories.
- **Stay in control** — Leverage CloudGuard's advanced AI backed technology with over 2000 detectors to get extensive coverage, detect issues and keep your organization safe.
- **Mitigate risks** — Maintain balance inding hidden risks and driving organizational change, by using reporting and API to analyze your results.

Apply and Enforce Your Policies

Seamlessly integrate your own playbooks, build your own detectors, and implement mitigation policies throughout your software development lifecycle.

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Developer First Security

Developer First Security CloudGuard Code Security was built from the ground up by developers and for developers. Drive security from your command line, extend and customize.

Supercharge Your CI/CD

Find and resolve issues in your code and other assets at their exact location and in the correct point in time. Automate the processes of secret protection at build time. Previously building CDNs, we understand low-level file systems, CPU and software optimization and we put it to good use. CloudGuard scans a typical codebase in seconds.

Leverage Zero-Config

CloudGuard runs secure by default no special configuration needed. When you need power, it's available through configuration and extension.

Keep Your Code Private

Scan your GitHub, GitLab, Bitbucket, Npm, and more without granting CloudGuard any permissions of any kind. We never copy, send or store any of it.

Tame Security Alerts with AI/ML

Manage scan results in a collaborative dashboard, get customized alerts via email, Slack, Jira, Teams and more, or connect CloudGuard to your organization's security dashboard through API.

IDE Support

With IDE integration, CloudGuard can provide real-time security feedback and recommendations as you write your code. It analyzes your code for potential vulnerabilities, misconfigurations, or security best practice violations.

SCM Support

Enhance the security of your source code and ensure that any changes made to the code are compliant with security policies.

Custom Detectors

Create your own custom detectors with our proprietary query language, SPEQL, to apply your own security and SRE/DevOps policies.

Issue Tracking

CloudGuard integrates with Jira and Monday so you can track all issues.

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SUPPORTED ENVIRONMENTS

CLOUD

- Amazon Web Services (AWS)
- Google Cloud Platform (GCP)
- Microsoft Azure

CONTAINERS

- Docker
- Kubernetes

IaC*

- Cloudformation
- Terraform
- Kubernetes
- Docker
- Microsoft Azure ARM

*Included with CSPM

PROTECTION CATEGORIES

SECRETS & MISCONFIGURATIONS

- Passwords
- API Keys
- Tokens
- Credentials
- PCI
- PII
- PHI

OWASP TOP 10

- A2:2017 - Broken Authentication
- A3:2017 - Sensitive Data Exposure
- A5:2017 - Broken Access Control
- A6:2017 - Security Misconfiguration

DESCRIPTION	SKU
CloudGuard Code Security scans your code for security risks such as secrets, keys and misconfigurations. 100 Developers for 1 year	CP-CGSP-CNT-100-1Y
CloudGuard Code Security scans your code for security risks such as secrets, keys and misconfigurations. 25 Developers for 1 year	CP-CGSP-CNT-25-1Y
CloudGuard Code Security scans your code for security risks such as secrets, keys and misconfigurations. 100 Developers for 2 years	CP-CGSP-CNT-100-2Y
CloudGuard Code Security scans your code for security risks such as secrets, keys and misconfigurations. 25 Developers for 2 years	CP-CGSP-CNT-25-2Y
CloudGuard Code Security scans your code for security risks such as secrets, keys and misconfigurations. 100 Developers for 3 years	CP-CGSP-CNT-100-3Y
CloudGuard Code Security scans your code for security risks such as secrets, keys and misconfigurations. 25 Developers for 3 years	CP-CGSP-CNT-25-3Y

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