

Features

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Description

SBOM Generation Detection:

Snippet Detection	✓	✓	Enables identification of modified OSS files, fragments of OSS files, snippets from Stackoverflow or code generated by AI which contains known Open Source.
High Precision Snippet Matching (HPSM)	✗	✓	Enables a higher precision snippet detection and rules out noise.
Language Agnostic	✓	✓	No limitation to detect code written in any specific programming language.
Basic Dependency Detection	✓	✓	Detection of dependencies from dependency and package manager files found in the code.
Extended Dependency Detection	✗	✓	Provision of N levels of dependency tree as described in the respective repositories.
Declared Component Detection	✓	✓	Identifies the known Open Source components that are explicitly declared (e.g. in the package manifest)
Undeclared Component Detection	✓	✓	This is detection of files and snippets, which extends detection from the mere identification of known, declared dependencies. Enables plagiarism validation and AI-coding compliance.
Modified Binary Detection	✗	✓	Enables detection of Open Source in binaries, even if they are not fully Open Source. This goes beyond the simple file scanning by comparing full-file fingerprints and dives into functions used within the binary which allow identification of Open Source dependencies.
Unmodified Binary Detection	✓	✓	Enables detection of individual known Open Source files.
Air-gap Scanning	✓	✓	This allows capturing fingerprints from the code in a machine that is offline, to scan them from another computer without seeing the code.

SBOM Generation Output:

PURL Arrays	✓	✓	Provides precise Open Source identifiers which are adopted by most Open Source tools.
CSV (Output)	✓	✓	Provides machine readable information that can be easily imported into an Excel sheet or ingested by other applications.
SPDX (Input and Output)	✓	✓	Provides standard SPDX SBOM format.
CycloneDX (input and Output)	✓	✓	Provides standard CycloneDX format.
HTML (Output)	✓	✓	Provides a portable format for graphics which can be used for reporting.

SBOM Intelligence

License Intelligence	✓	✓	Provides licenses detected in the code.
Copyright Intelligence	✗	✓	Provides copyrights detected in the code.
Vulnerability Intelligence	✓	✓	Lists known vulnerabilities for the Open Source components provided.
Cryptography Intelligence (for ECCN)	✗	✓	Lists cryptographic algorithms for the Open Source components provided, which is useful for ECCN (Export Control) classification.
Secure Coding Practices Intelligence	✗	✓	Provides insights on code quality based on security best practices.

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SBOM Intelligence

Code Provenance Intelligence (Coming soon)	✗	✓	Provides insights on physical origin of Open Source components, by country.
Code Health Intelligence	✗	✓	Provides insights of the Open Source communities for the requested components.
CPEs	✗	✓	Provides CPE identifiers for Open Source components, useful for identifying known vulnerabilities.
Code Sustainability Intelligence (Coming soon)	✗	✓	Provides a sustainability rating based on computing/energy consumption for each known Open Source component.
Custom Intelligence	✗	✓	Allows customer to create their rules or algorithms to generate new custom aspects of Open Source intelligence.

Consumption /Integration

SBOM Workbench App (UI)	✓	✓	Allows Open Source analysis in a graphical user interface.
CLIs	✓	✓	Allows easy interaction from a command prompt and easy integration with other systems.
APIs	✓	✓	Allows direct querying for integration with other systems.
Pipeline Integration	✓	✓	Provides ready-made integration for known CI/CD pipelines.
IDEs	✓	✓	Provides plugins for popular IDEs.
SDKs	✓	✓	Provides easy integration into other applications.
Webhook	✓	✓	Provides the ability to trigger SCANOSS scans on git actions such as Push, Pull Request, etc.

Availability and Throughput

Guaranteed Availability	✗	✓	Guarantees 99.9% uptime.
Guaranteed Throughput	✗	✓	Guarantees the scanning throughput required by the customer.

Deployment

Cloud (paid version includes + dedicated cloud)	✓	✓	Our SaaS API allows minimizing deployment time, cost and maintenance.
On-Premise	✗	✓	On premise deployments provides the highest level of security, by storing the entire SCANOSS database and platform on the customer site.
Hybrid	✗	✓	Hybrid deployments allow a combination of Cloud and On-Premise.

Support

Community	✓	✓	Community support is based on availability and provides no uptime or throughput guarantee.
Email and Chat	✗	✓	Email and chat support is available for paid customers.
Custom SLA	✗	✓	Custom SLA allows meeting customer's specific support requirements.