SYHUNT® MOBILE NX

Product brief **On-device AI**

Secure the app and the API behind it.

One solution for both sides of your mobile app: its source code and the cloud API it relies on, with on-device AI.

Mobile app
Source code

Deterministic · AI Reasoning · Symbiotic AI · Jet-AI Augmentation

API
Cloud back-end

Deterministic · Jet-AI Augmentation

Every mobile app has two sides attackers can target: the code installed on your users' phones, and the cloud API behind it. **Syhunt Mobile NX, the next generation of Syhunt Mobile, tests both. All of its AI runs on-device**: your app's source code is analyzed inside your own installation, physical or virtual, and never sent to an external AI service.

What it means for you

Both sides of the app, covered

Three engines analyze the **Android and iOS source code**, while a dynamic scan tests the **cloud back-end** the app relies on. Jet-AI **cuts false alarms** in both.

App code stays in-house

The AI reviews your app's code where Mobile NX is installed, not in someone else's cloud. **No outside company sees your source code**, so your intellectual property stays protected.

Safer updates, sooner

It finds the vulnerable portions of the code in minutes, and **SurgicalPatch suggests a minimal fix** for each one, so flaws are patched **before an update reaches your users**. Developers review and apply it.

No AI bills, no new hardware

There are **no per-token fees** for an outside AI service, and Syhunt's **Symbiotic AI** runs on the **ordinary processors you already have**. When a GPU is available, Mobile NX uses that too, unlocking even more.

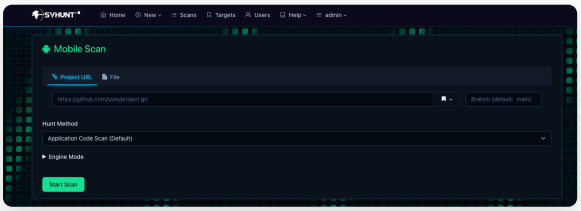
From the code on the phone to the API in the cloud.

Top 10 OWASP Mobile risks covered, and more

3 engines on the app's code

581+ web API vulnerability checks

0 false positives in out-of-band tests



Start a mobile scan from a project URL or a file

Ready for your mobile pipeline

- **Android and iOS** apps in Java, Kotlin, Swift, Objective-C and more, plus Android APK analysis.
- Reports for **OWASP Mobile Top 10**, OWASP API Top 10 and **PCI DSS**.
- Works with **GitHub**, **GitLab**, **Bitbucket**, **Jenkins**, **Jira** and more.

Engines, hardware, out-of-band testing and technical details overleaf

SYHUNT®
www.syhunt.ai

SYHUNT MOBILE NX

Technical overview **On-device AI**

Three engines on the app's code, plus the API scan

Deterministic

Already proven · No GPU required

Deterministic analysis of the app's source code and, in the dynamic scan, of the API behind it.

Mobile scan and API scan

AI Reasoning

New · Needs a GPU (RTX)

The **Rea family** of proprietary GenAI models, **Sastria** and **SastriaTwin**: LLMs fine-tuned for SAST, not chat assistants. They settle simple cases quickly and reason step by step through complex ones.

Mobile scan

Symbiotic AI

New · Runs on CPU, faster on GPU

A Syhunt breakthrough: an analysis engine and an AI model so deeply intertwined that they work only as one.

Mobile scan

Jet-AI Augmentation

New · Runs on CPU, faster on GPU

Proprietary fast-decision models that **cut false positives** and take on many additional tasks, in both the mobile scan and the API scan.

With or without a GPU

	CPU	GPU (RTX)
Symbiotic AI, Jet-AI	Runs	Faster
Deterministic engine	Runs	Not needed
AI Reasoning, SurgicalPatch	Off	**Required**

Minimum and recommended GPU specs will be published in Syhunt's hardware specs.

SurgicalPatch

New · Needs a GPU (RTX)

Generates a **minimal patch** for each fix, touching only what is necessary. Mobile NX only analyzes: you apply the patch yourself.

The Jet-AI and Rea models are **proprietary to Syhunt** and work only inside the product. New Rea models are expected as they become available.

Mobile app (MAST)

Top 10 Finds **OWASP Mobile Top 10** vulnerabilities and more.

- **Android & iOS** apps in **Java, Kotlin, Object Pascal (Delphi XE), Objective-C, C, C++ & Swift**, plus **Android APK** analysis.
- Finds flaws such as Insecure Data Storage, Communication, Authentication and Authorization, and Insufficient Cryptography.
- Supports **MongoDB, Express.js, Angular, AngularJS, Node.js & Koa**.

AI: Symbiotic AI, Sastria, SastriaTwin, Jet-SAST

Cloud back-end API

581+ API vulnerabilities in 30 categories of web attacks.

- Any web API endpoint, from **API Blueprint, OpenAPI 2/3, Swagger 1/2/3, Postman Collections** and more.
- Optimized for **ASP.NET Core (C#), Java (Spring Boot / Jakarta EE), Node.js, PHP, Python & Ruby**.
- **Out-of-band testing** finds invisible attack variants that conventional DAST cannot, with **zero false positives**.

AI: Jet-DAST

Coverage

OWASP Mobile Top 10, Top 10 API Security Risks, Top 10 Web Application Security Risks and other OWASP lists: **SQL Injection, File Inclusion, Command Execution** and **more**.

17+ database types covered by SQL Injection detection.

Reports

Vulnerabilities and API endpoints, **CVSS3** scoring, **CVE / CWE** references and trends over time, with compliance information for OWASP, CWE/SANS Top 25, WASC and **PCI DSS**.

HTML · PDF · JSON · XML · Text · CSV

Integrations

CI and issue tracking

DefectDojo **Faraday** **BitBucket**
GitHub **GitLab** **Jenkins**
JIRA

Virtual bug patching

Imperva **F5 BIG-IP ASM** **ModSecurity**

For more information about Syhunt, visit

www.syhunt.ai