Codename SCNR

Versatile Modern Fast Intelligent
Scalable Unrestricted

Codename SCNR is the result of more than a decade's worth of R&D, coming from the industry known Arachni WebAppSec Scanner Framework.

You can think of it as the new Arachni and on steroids, along with lots of extra smarts.

With Arachni being Free and Open/Public Source in one way or another for the last 13+ years, the community was speaking, and we were listening.

Unrestricted functionality leading to cost-effectiveness:

- Unrestricted amount of scan time
- Unrestricted pages
- Unrestricted scans (parallel too)
- Unrestricted target domains

No need to pay the more you scan, the more you scan the less you waste.

With Ecsypno's cost-effective approach, you are encouraged to make full use of your hardware at no additional cost.

Start as many parallel scans as your machines can handle and scan for as long as you need, all that you need!

Versatility via multiple interfaces to suit every need:

- Ruby API, for highly-customized, scripted scans.
- REST API for easy integration.
- CLI scanner utilities, for terminal availability.
- WebUI, for ease of use.
- Distributed deployments (using remote Agents and Schedulers), for scalability.

Modern support for HTML5/DOM/Javascript thanks to:

- Google Chromium.
- Client-side dynamic analysis.
- Tracing of data and execution flows of DOM and Javascript environment (IAST).
- Extra tracing optimizations for common JavaScript frameworks.

Another way to think of Codename SCNR is as an automated, distributed, high-performance JavaScript/DOM security debugger - among other things.

Web applications are no longer black-boxes with its client-side IAST/DAST hybrid approach.

Fast scans due to **Intelligent** self-optimization:

Codename SCNR will study the web application/service, on the fly, to identify how each input interacts with the front and back ends and tailor the audit for each specific input's characteristics.

This results in highly self-optimized scans using less resources and requiring less time to complete, as well as less server stress.

Training also continues during the audit process and new inputs that may appear during that time will be incorporated into the scan in whole.

Scalability built-in to the architecture:

Codename SCNR can build a Grid (cloud) of itself that allows you to scale both horizontally and vertically.

Scale up by plugging more nodes to its Grid, or down by unplugging them.

Furthermore, with multi-Instance scans you can not only distribute multiple scans across nodes, but also individual scans, for super-fast scanning of large sites.

Finally, with its quick suspend-to-disk/restore feature, scans can easily be migrated from node to node, accommodating highly optimized load-balancing and cost-saving policies.

Security checks

First class detection for:

- XSS (with DOM variants)

- SQL injection

- NoSQL injection

- Code injection

- File inclusion variants

- OS Command injection

- SSRF

- Many more...

In addition, Codename SCNR's highly optimized techniques are top-of-the-line in reliability, accuracy and resiliency, even under unstable network conditions or when dealing with misbehaving web applications.

Reporting

With detailed reports in open formats such as:

- Plaintext
- PDF
- HTML
- XML
- JSON
- YAML

...you can move further forward quicker to integrate and mitigate.

Editions

- Basic: CLI utilities for quick terminal scans and scripting.

- Pro: **Basic** + Web user interface for ease of use.

- SDLC: **Basic** + REST API.

- Enterprise: **Pro** + **SDLC** + Distributed features:
    - Agents (+Grid)
    - Scheduler

Contact

Sales:
sales@ecsypno.com

Support:
support@ecsypno.com

General queries:
contact@ecsypno.com

Online:
https://ecsypno.com/pages/contact

Documentation

https://documentation.ecsypno.com/scnr/

Ecsypno Single Member P.C.
https://ecsypno.com

Thank you!

Anastasios Laskos
Founder, CEO, Director of R&D
tasos.laskos@ecsypno.com