Cybersecurity : Savoir-faire Linux Announces at EmbeddedWorld 2025 the Open Source release of VulnScout.io

Empowering the Embedded Industry to Tackle the EU Cyber Resilience Act and Cyber regulations with an Innovative & Open Source Vulnerability Management Tool.

Nuremberg, March 11, 2025 – Savoir-faire Linux, a leading open-source software engineering and consulting firm, is proud to announce the official release of **VulnScout.io**, an open source cybersecurity solution designed to help organizations track, manage, and remediate product vulnerabilities more effectively. Building on last year's unveiling of its new cybersecurity professional services, this release underscores Savoir-faire Linux's ongoing commitment to Open Source, reinforced by its active membership in both **The Linux Foundation** and **The Yocto Project** communities.

> "*Openness is in our DNA,*" remarks **Christophe Villemer,** Executive Vice-President of Savoir-faire Linux and LF Energy governing board Member. "*That's why we've chosen to release VulnScout.io under an Open Source license. Our experience contributing to The Yocto Project and our deep involvement with Linux Foundation initiatives have paved the way for a truly community-driven, globally accessible solution. With VulnScout.io, we aim to help product makers and software teams meet the growing challenges of cybersecurity compliance—especially with the looming* **Cyber Resilience Act** *in Europe.*"

An Open Source Tool Tailored for Embedded Systems

VulnScout.io offers an efficient and pragmatic toolkit for vulnerability tracking, designed to integrate seamlessly within embedded product development life-cycles. Having been firstly tested on **the Yocto Project** - a framework for designing embedded Linux systems - VulnScout.io helps ensure comprehensive detection and management of vulnerabilities affecting the embedded OS solution.

Key Capabilities

- **SBOM Vulnerability Management** – Automates SBOM generation and CVE detection, offering real-time insights into threats.

- **Wide Compatibility** with industry-standard formats like **CycloneDX** and **SPDX**, as well as the **OpenVEX** framework from the Open Source Security Foundation (OpenSSF).

- **Built for Analysts and Continuous Integration** – Seamlessly embeds within existing CI workflows, empowering development and security teams, making vulnerability management an integral part of everyday workflows.

- **Devoted to the Open Source Community** – Hosted openly on GitHub, VulnScout.io benefits from collective innovation and global contributions, reflecting Savoir-faire Linux's longstanding open source ethos.

Anticipating the Cyber Resilience Act

With the **EU Cyber Resilience Act (CRA)** on the horizon, manufacturers and integrators face new regulatory requirements for product security. By providing a transparent, automated approach to generating and managing Software Bill of Materials (SBOM) data, VulnScout.io positions organizations to proactively address vulnerabilities and confidently navigate upcoming compliance standards such as IEC62443, IEC62304, UL2900, and DO-326A.

> "*From complex industrial controllers to next-gen IoT devices, businesses need a robust solution that scales,*" explains **Jérôme Oufella,** Technology Vice-President at Savoir-faire Linux *"VulnScout.io answers that need - and our hands-on experience with Yocto, combined with our background in embedded Linux and the broader open source ecosystem, ensures that it fits naturally into a variety of industry workflows."*

Live Demonstrations at Embedded World 2025

Savoir-faire Linux will unveil VulnScout.io at **Embedded World 2025** in Nuremberg (March 11–13) at its **booth 4-642**, where attendees can explore hands-on demos showcasing real-world SBOM vulnerability tracking to illustrate how embedded systems developers can leverage VulnScout.io for continuous improvement in product security and compliance. On the same dates, Savoir-faire Linux will also be present at **Global Industrie in Lyon** - exhibiting in the **Captronic Village** - to promote VulnScout.io and our associated services to companies developing embedded products and impacted by the CRA.

Helpful links

- https://github.com/savoirfairelinux/vulnscout
- https://savoirfairelinux.com/en/services/cybersecurity-for-product-engineering

* * *

About Savoir-faire Linux

Founded in 1999, Savoir-faire Linux is a leader in open source software engineering, offering consulting services, training, and custom development for embedded and industrial systems. With offices in Montreal (Quebec) and Rennes (France), the company empowers clients worldwide across industries ranging from energy and transportation to telecommunications, robotics, and consumer products. As an active contributor to The Linux Foundation and The Yocto Project, Savoir-faire Linux champions collaborative, transparent development, setting new benchmarks for secure, sustainable innovation in the embedded realm.

Media Contact

Eloi Bail +33 6 58 37 46 14 (on site EW)
Christophe Villemer +33 6 60 80 01 49
Email : vulnscout@sfl.io