

Nexus Intelligence

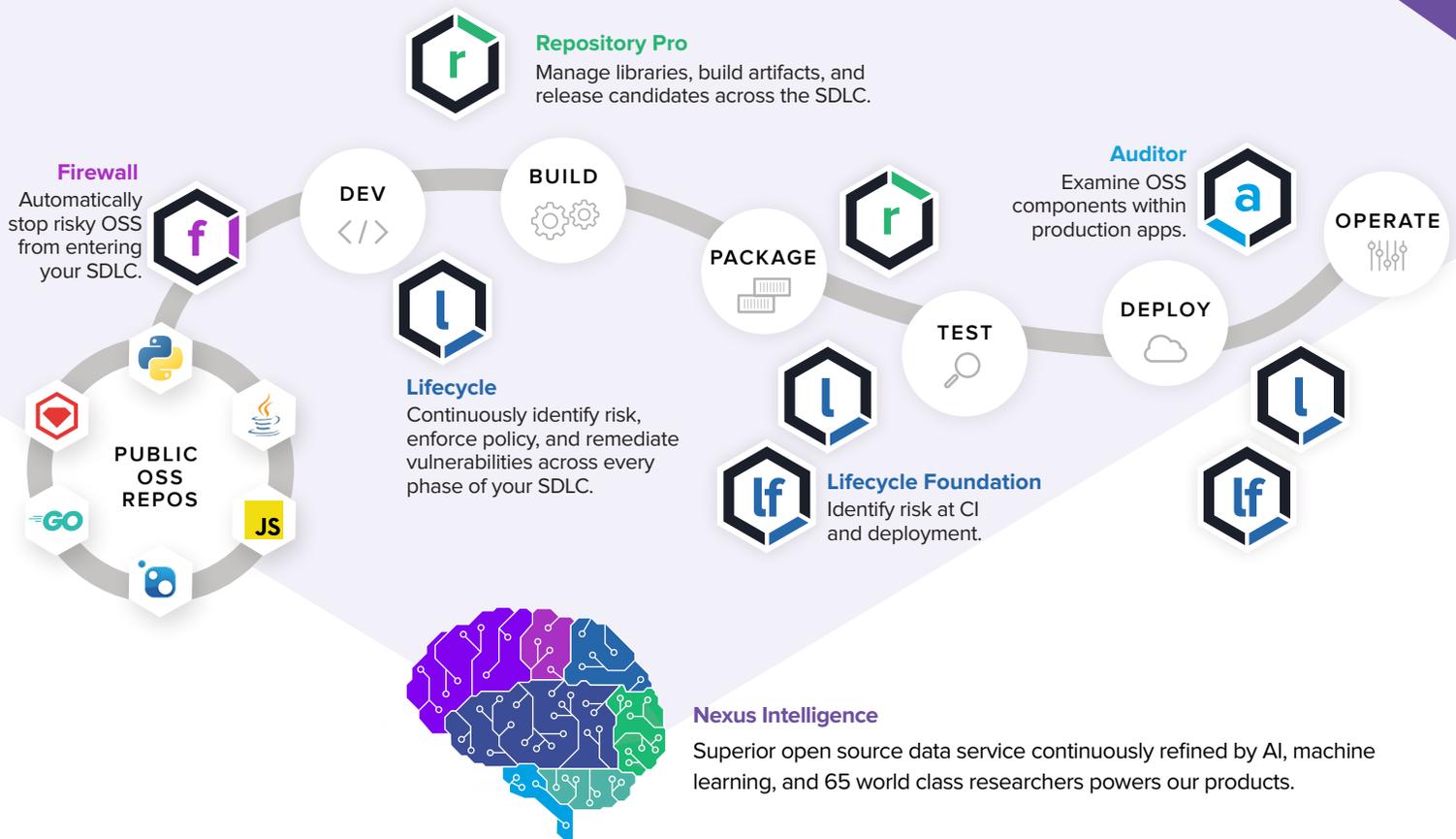
Precise data for automated open source governance

Public databases like NVD provide a relatively small and typically outdated view of open source security vulnerabilities. Nexus Intelligence delivers a universal and timely understanding of open source security, license, and architectural risk. Our data collection engine has ingested and analyzed more than 65 million components and never stops learning — using natural language processing and AI to dynamically monitor every GitHub commit to every open source project, updates to advisory websites, Google search alerts, OSS Index, and a plethora of vulnerability sites.

Nexus Intelligence powers the Nexus Platform with precise data to automate open source governance at scale across every phase of the SDLC.

“The data quality is really good. They’ve got the best in the industry, [and] it helps us to resolve problems faster. The visibility of the data, as well as their features that allow us to query and search — and even use it in the development IDE — allow us to remediate and find things faster.”

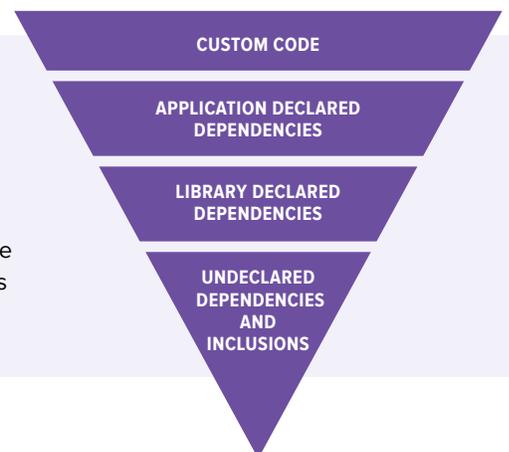
— RUSSELL WEBSTER
(Financial Services),
IT Central Station Review



Analyze What’s Deployed, Versus What’s Declared

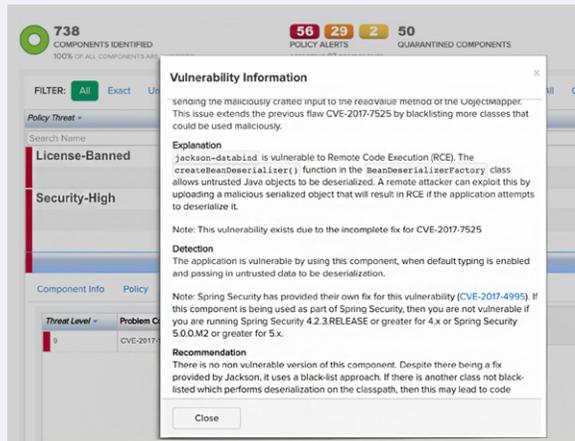
Alternative tools are prone to false positives and negatives because they scan apps “as declared” and trust developers to disclose the truth about dependencies embedded in software.

Nexus scans apps “as deployed” utilizing Advanced Binary Fingerprinting (ABF). The result is a precise read on embedded dependencies and a Software Bill of Materials (SBOM) that reflects the truth about third-party risk.



Go Above and Beyond Public Data with Secondary Expansion

Nexus Intelligence is the only data security research service that actively practices “secondary expansion,” an extra level of investigation to determine if newly discovered vulnerabilities are also present and exploitable in other components. If a single vulnerability exists in multiple libraries, we automatically let you know. Over the past 5 years, we’ve associated vulnerabilities to 3 million more components than public databases.



Remediate Faster with Expert Guidance Designed for Developers

Nexus Intelligence includes actionable information to help development and security teams evaluate, triage, and remediate threats faster than adversaries can attack.

Remediation guidance is carefully curated and written for easy consumption by frontline software developers. Nexus Intelligence provides developers step-by-step instructions on how to detect and remediate the vulnerability, including the upgrade path and relative risk to other component versions.

Understand the Threat Faster

When it comes to managing the constantly evolving security threats within open source, speed is critical. That’s why Nexus Intelligence works 24x7x365 to keep organizations abreast of the changing threat landscape.

- ▶ 70% more vulnerability coverage than alternative databases
- ▶ 65 world class Data Security Researchers with 500+ years experience
- ▶ 118,000 hours of data security research over 10 years
- ▶ 10X faster than National Vulnerability Database



Key Benefits of Nexus Intelligence

- ✓ Automate open source governance with precise and accurate data so developers and security teams can concentrate on remediating what matters.
- ✓ Understand the holistic risk to your organization with the ability to see what’s deployed, versus what’s declared.
- ✓ Stay one step ahead of the threat with intelligence that is always on and integrated into the Nexus Platform and your existing DevSecOps pipeline.

“The reason we picked Lifecycle over the other products is while the other products were flagging stuff too, they were flagging things that were incorrect. **Nexus has low false-positive results, which give us a high confidence factor.**”

— E. KWAN
(Financial Services),
IT Central Station Review



More than 10 million software developers rely on Sonatype to innovate faster while mitigating security risks inherent in open source. Sonatype’s Nexus platform combines in-depth component intelligence with real-time remediation guidance to automate and scale open source governance across every stage of the modern DevOps pipeline. Sonatype is privately held with investments from TPG, Goldman Sachs, Accel Partners, and Hummer Winblad Venture Partners. [Learn more at www.sonatype.com](http://www.sonatype.com).