

# Automating VEX Generation



WITH THE OLIGO APPLICATION DEFENSE PLATFORM

## THE CHALLENGE

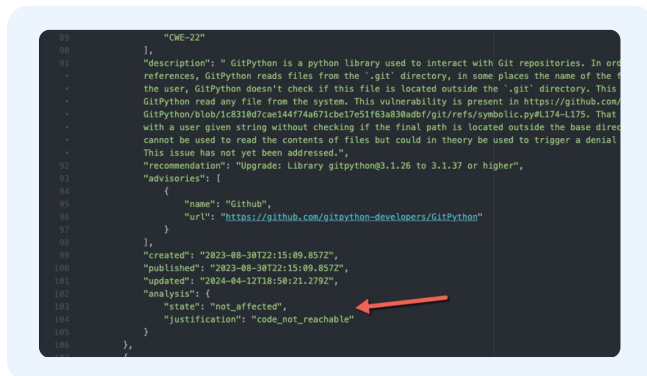
## VEX Production: Costly and Time-Consuming

Most vulnerability findings from traditional static scanners and SBOMs are false positives that **could never be exploited**. VEX reporting gives SBOMs context necessary to understanding real software risks. Producing VEX artifacts, however, is cumbersome and requires manual work to be performed by expensive, specialized personnel.

When VEX artifacts are created manually, they are also a **point-in-time exercise** - the discovery of tomorrow's new vulnerabilities rapidly renders each expensive, high-effort VEX artifact obsolete. Scaling VEX reporting to encompass all applications (or to keep them updated) has proven nearly impossible for organizations.

## THE OLIGO SOLUTION

## Automated Real-Time VEX



With the Oligo Application Defense Platform, creating VEX artifacts is **automated, fast, and easy**. The Oligo sensor, using patent-pending technology based on eBPF, can directly observe applications and their components in runtime to see which libraries and functions are executed.

With Oligo, it's easy to see which vulnerabilities rely on non-executed vulnerable functions or libraries - so you can know which findings **represent real risk**. With the Oligo Application Defense Platform, your security and engineering teams can see real proof of execution, based on real observation, not a "reachability" algorithm using theoretical information.

Using Oligo, you can ensure that every VEX artifact is **up to date**, with information about new vulnerabilities and their exploitability in your running applications updated in real time.

# VEX and Real-Time SBOMs for Every Application

Unlike solutions that can only analyze first-party applications, the Oligo Application Defense Platform can see the libraries and functions **executed by all of the applications you build, buy, or use.**

You can even **compare Oligo's SBOM** for your third-party applications to the SBOM your vendor gave you - allowing you to validate the content and risks of your vendors' software.

With Oligo, your organization can get a complete risk picture for every application, **whether or not you have access to the source code.** With proof of execution of vulnerable libraries and functions, Oligo ensures that you come to your developers - or your vendors - prepared to show why the observed risk is real.

## VEX and Real-Time SBOM: Oligo vs. Other Solutions

### Oligo Application Defense Platform



SBOMs are generated dynamically, in real time



Automated VEX generation to contextualize risk



VEX and Real-Time SBOM for first- and third-party applications

### Other SBOM Solutions



SBOMs are point-in-time and rapidly outdated



VEX still must be generated manually, using high-effort process of validating risk



SBOMs for first-party applications only, source code required

## Get Better SBOMs and VEX Fast

**Oligo deploys fast** (in just a few minutes), so you can have your first Real-Time BOMs and VEX reports the same day you get started.

Stop paying consultants to give your SBOMs the context they need to be useful - with Oligo, it's easy and fast to generate **contextual, real-time reports.**

