



Bill of Materials Overview

Complete Visibility into Software, API and SaaS BOMS

The software bill of materials (SBOM) has undergone significant evolution since its inception over two decades ago. Its importance has grown with the increased reliance on third-party components, highlighted by notable vulnerabilities in software supply chains.

Recent endorsements by federal entities such as the U.S. Department of Commerce and the EU Agency for Cybersecurity, along with various standards organizations, have underscored the critical role of SBOMs in secure software development. Yet, traditional SBOMs often fail to meet the demands of today's dynamic environments, leading to the need for more comprehensive "Bills of Materials" that capture a wider array of software pipeline aspects.

As Software as a Service (SaaS) and APIs become central to business operations, the necessity for an advanced Bill of Materials becomes clear, particularly in cloud-based settings where managing software components demands a deep understanding of the entire ecosystem.

Enhanced Pipeline Management with the BOM Overview

With OX Security's new BOM Overview feature, users can effortlessly drill down to separate Bills of Materials (BOMs) from a single screen. This enhances control, transparency, and security in software management and deployment, allowing you to navigate and manage your software's components with unprecedented ease and clarity. Data is also correlated to the Attack Path which hones in on the reachability of critical vulnerabilities that adversaries can exploit across applications.

SBOM+

OX's PBOM includes all the elements of a traditional, static SBOM, plus we include a dynamic review of libraries and their dependencies, including risks like the inclusion of unapproved licenses, deprecated libraries that may be unsafe, poorly maintained libraries, unused libraries, and more.

API BOM

OX automatically generates and maintains an up-to-date inventory of all API's in use within each application, with detailed insights into each application's purpose, users, and data sensitivity.

SaaS BOM

The OX SaaS BOM includes a detailed inventory and context of the Software as a Service in use within your applications. It monitors the usage of SaaS and if a SaaS provider is compromised, teams can quickly assess their exposure.

From Hidden Risks to Complete Control

Conduct thorough analyses of the accessibility of risk through software, APIs and cloud services to identify and mitigate potential exploitation pathways before they can be used against you.

STREAMLINED TRACKING

Seamlessly monitor every code, API, and SaaS application, capturing their purpose, users, and data sensitivity.

RAPID SECURITY RESPONSE

Quickly identify and address vulnerabilities in software components, effectively safeguarding your operations from potential threats.

COMPLIANCE ASSURANCE

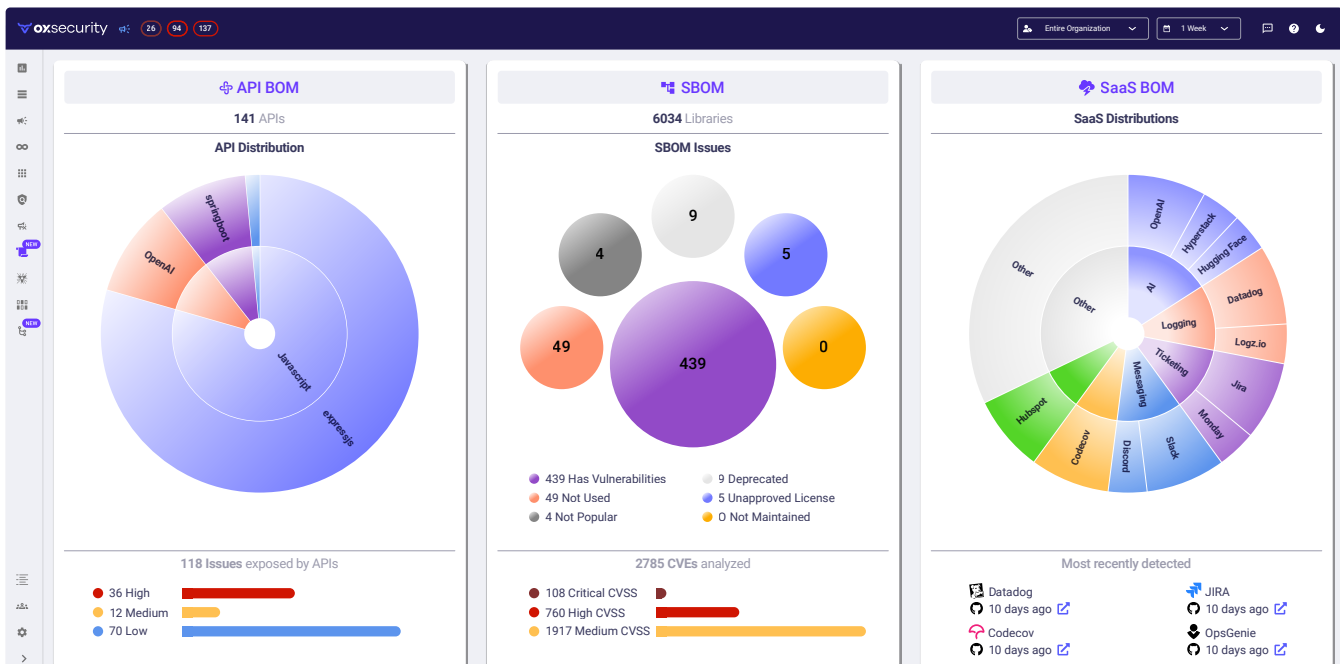
Ensure all software components meet legal and regulatory requirements, thus preventing potential legal and financial repercussions.

PII COMPLIANCE MONITORING

Actively monitor APIs to prevent exposure of personally identifiable information (PII), ensuring adherence to legal and regulatory standards and avoiding significant fines and reputational damage.

SHADOW API AND SAAS MANAGEMENT

Detect and manage hidden APIs and SaaS applications, significantly reducing the risk of unauthorized access and preventing potential data breaches.



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