KB

CYBELLUM

KB Kookmin Bank Strengthens

SOFTWARE SUPPLY CHAIN SECURITY WITH CYBELLUM

As emerging technologies help modernize the financial sector, banks are finding themselves providing both traditional and new services with a greater reliance on complex software.

As a result of this shift, the use of both commercial and open-source components continues to increase. This growing reliance on software from varied supply chains, introduces a greater need for cybersecurity risk mitigation.

KB Kookmin Bank recognized the need to introduce a supply chain security solution that could manage their software supply chain in line with their top-of-class security standards. This meant a single platform to secure source code, binaries, and open-source packages, all in a highly-regulated financial environment.

KB Kookmin Bank's Visibility Challenge

KB Kookmin Bank is Korea's leading financial services provider offering a broad range of financial products and services. The group was founded in 2008 to better serve clients, enable growth and deliver value in a rapidly changing financial environment.

KB Kookmin Bank wanted to identify and analyze the components of their software supply chain to establish countermeasures against potential attacks. However, the components of the supply chain were too large for existing source code analyzers, leading to limiting visibility. A full software bill of materials (SBOM) management solution was needed.

A Product Security Focus

Cybellum caught the eye of the financial institution's cybersecurity team as it analyzes open source, 3rd party, and proprietary software components, allowing KB Kookmin Bank to quickly identify and remediate vulnerabilities in their software.

Through a web UI, Cybellum:

- Quickly and accurately generates SBOM reports
- Independently validate the security of software originating from your supply-chain
- Monitors threat intelligence from multiple sources and performs automated exploit analysis

This is especially critical for the bank's active security teams who can rapidly compare emerging vulnerabilities against approved SBOMs, reducing time to mitigation and minimizing risk to ongoing operations.

"Cybellum's Product Security Platform generates and manages SBOMs using Cyber Digital Twin™ technology. Implementing automated SBOM generation has given us visibility into our complex and vast supply chains, allowing us to better manage prioritization and mitigation of various security vulnerabilities.

It is now possible for us to identify critical vulnerabilities throughout the supply chain and take corrective action before these vulnerabilities find their way into our products. This protection also keeps deployed products secure as versions are updated."

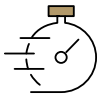
KIWOONG KIM, DEPUTY GENERAL MANAGER, AT KB KOOKMIN BANK.

Focus on Software Supply Chain Visibility

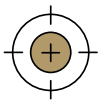
KB Kookmin Bank has strengthened its protection against supply chain attacks using Cybellum's automated SBOM management and vulnerability management capabilities, enabling them to rapidly detect vulnerabilities related to each component.

This partnership with KB Kookmin was driven by Cybellum's partner, COONTEC, who supports the stable operation of the Cybellum platform through technical support and training.

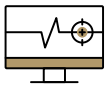
Main Benefits of
Cybellum's Product Security Platform



Accurately generate and manage SBOMs, from creation to approval, in less time



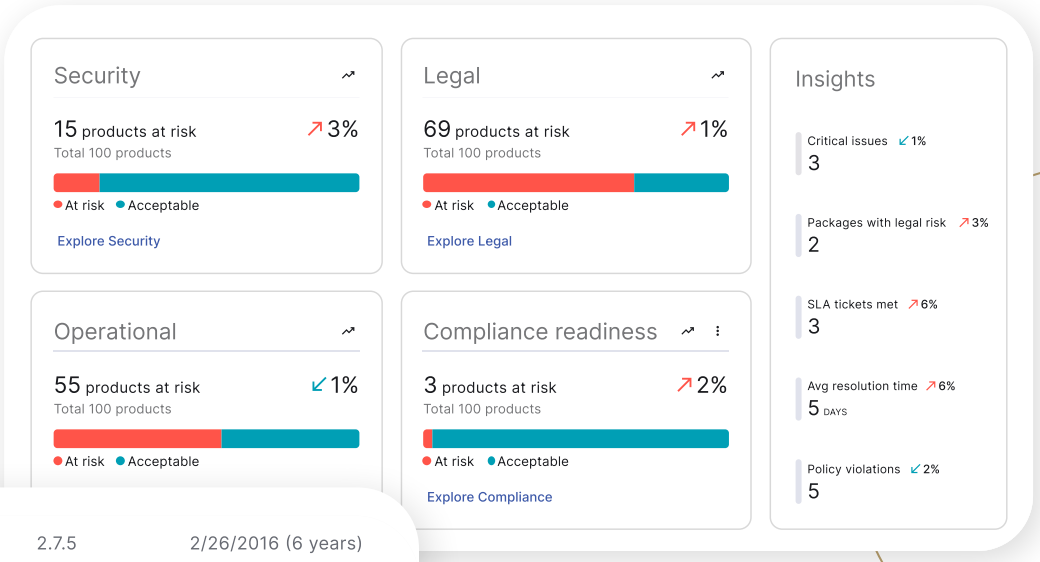
Detect and prioritize various types of vulnerabilities within the context of specific products, including known and unknown vulnerabilities



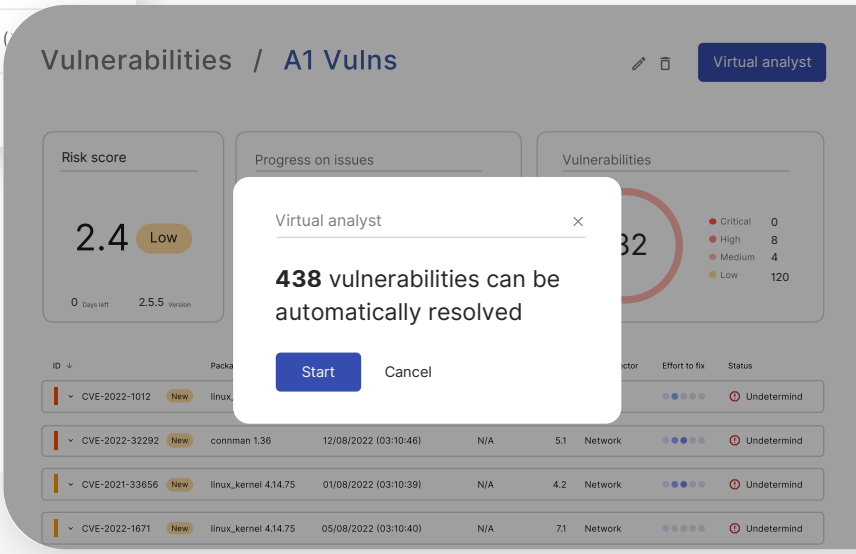
Provide detailed vulnerability analysis results

Allow Open-Source license validation

Support multiple development languages and OSs



☐	okhttp	2.7.5	2/26/2016 (6 years)
☐	gdb	7.11	2/24/2016 (6 years)
☐	node-health-monitor	1.3.5	3/26/2015 (7 years)
☐	persistence-administrator	1.0.10	10/26/2018 (3 years)
☐	nfs-utils	1.3.3	9/26/2015 (7 years)
☐	libcgroup	0.41	8/2/2014 8 years)
☐	toybox	0.7.4	6/19/2017 (
☐	bouncycastle	1.57	5/12/2017



ABOUT CYBELLUM

CYBELLUM IS WHERE TEAMS DO PRODUCT SECURITY.

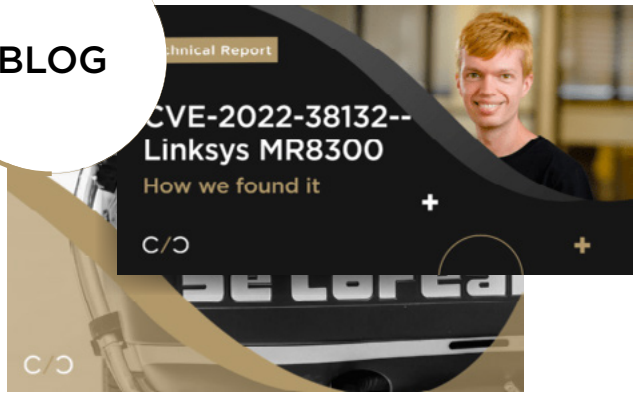
Industry leaders such as Jaguar Land Rover, Supermicro, Arthrex, and Faurecia use Cybellum's Product Security Platform to execute and manage various aspects of their cybersecurity operations across teams, product lines, and business units. From SBOM to Vulnerability Management, Compliance Validation, and Incident Response, teams ensure their connected products are fundamentally secure and compliant – and stay that way.

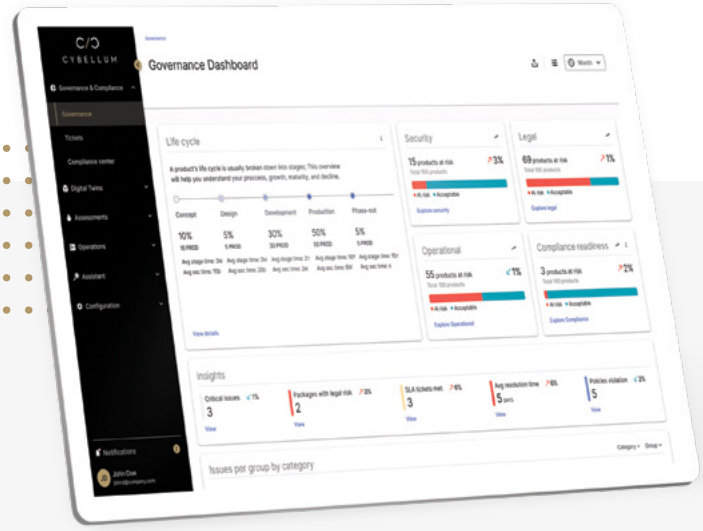
RESOURCE CENTER

PODCAST

LEARN MORE ABOUT PRODUCT SECURITY

BLOG





MORE ABOUT
The Product Security Platform

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