

Lineas

INDUSTRY: TRANSPORTATION

FOUNDED: 2011

HEADQUARTERS: BELGIUM

WEBSITE: LINEAS.NET

Lineas is the largest private rail freight operator in Europe offering premium rail products and total door-to-door logistics solutions.

“VulnDB has solved many challenges. For me, our vulnerability intelligence and vulnerability management processes are taken care of. Now it’s on to the next challenge.”



Christophe Rome
Chief Information Security Officer at Lineas

Lineas Enables Effective Risk-Based Vulnerability Management (RBVM) with VulnDB®

As Europe’s largest private rail freight operator, it is critical for Lineas to maintain secure and available systems. Any interruption of operations could have a severe supply-chain impact on the partners that depend upon them. It is Christophe Rome’s mission, as Chief Information Security Officer at Lineas, to put in place an effective security program that mitigates the likelihood and impact of any such incidents.

As Lineas sought to optimize their cyber risk posture and response capabilities, Christophe faced a real challenge. He would need to create and improve governance, and implement enhanced monitoring, reporting and processing of the vulnerabilities affecting their systems. They needed a solution in Christophe’s words, was more than “checkbox security”.

With cyber resilience in mind, Christophe considered his limited resources, and recognized that his team would have to know where to prioritize their efforts in order to operate optimally. To achieve this, Lineas would need comprehensive and asset-centric vulnerability intelligence that could enable truly risk-based vulnerability management (RBVM).

VulnDB’s extensive research was the essential component that enabled Lineas to identify risk in a more comprehensive manner by quickly prioritizing and remediating vulnerabilities for better outcomes. Independently researched, VulnDB captures more than 300,000 vulnerabilities. Of those vulnerabilities, over 95,000 cannot be found in CVE and NVD, giving Christophe’s team a much more complete picture than organizations that rely on the public source.

The vulnerability entries in VulnDB contain detailed source information, extensive references, links to Proof-of-Concept code, solutions, and other valuable metadata. Combined with proprietary VTEM metrics and historical vulnerability data, VulnDB is Lineas' single source of truth.

VulnDB is Lineas' long-term solution for vulnerability intelligence and RBVM challenges. With comprehensive, detailed and timely vulnerability data, Lineas can be confident that they are making effective risk-based security decisions.



VulnDB® Features

- ✓ Includes 95,000+ confirmed vulnerabilities not reported by CVE
- ✓ Real-time intelligence and alerts without scanning
- ✓ Independent research and analysis coverage of COTS, IT, OT, IoT, and OSS
- ✓ Vendor and Product Risk Ratings
- ✓ Detailed exploit information
- ✓ Actionable solution information
- ✓ Over 60 classifications



Christophe Rome • 2nd

Chief Information Security Officer (CISO) at Lineas

9mo • Edited •



Today, we have witnessed the strength of our vulnerability intelligence solution VulnDB. Upon receiving a notification in relation to a product we are using, our security engineer [Pieter D.](#) started investigating and wrote a small piece of code to exploit the vulnerability. Always ready to give back to the community, Pieter posted his code on GitHub. Great was our surprise when not much later we got a notification back from VulnDB stating that a public exploit was available for the said vulnerability.

In short, although we did not have the attention of testing our vulnerability intelligence platform, we indirectly did. And I'm glad we did it as it shows the efficiency and speed with which the service is operating, certainly given that this concerned a low risk rating with low exposure.

“For any vulnerability out there, or vulnerabilities that are being published, VulnDB is our ultimate source. That was the most important part for me – that this is the single source of truth. We don’t have unlimited time and resources; when we go to VulnDB we know that nothing else can be added to it. [Let’s put it this way, if VulnDB doesn’t know it, nobody else does.](#)”