

Trimble enhances and secures product development with NetSPI PTaaS

Challenge

Product development life cycle inefficiencies

Trimble, a global transportation and logistics software company, faced challenges during their product development cycle, including how to manage false positives and address security gaps within the constantly changing technology environment. Their process required multiple tools that created numerous logs and alerts, some of which required action, and others were simply duplicate or false alerts. The secure development process was time-consuming, as well as inefficient.

The company needed a more streamlined process to secure new products and a simple way to validate the security of their existing products.

Trimble was in search of a solution that would help its security and engineering teams improve efficiencies when developing and testing new products. The team was looking for a way to build security earlier into the process and reduce noise from alerts and false positives so they could focus on finding and remediating the most critical vulnerabilities.

They were also in search of a way to uncover security gaps in their product development life cycle and streamline design review to take their security to the next level for customer protections. Recognizing the significant waste of time, effort, and resources, they sought a more efficient approach to work — one that would be better, faster, and smarter.

Solution

Using The NetSPI Platform for quality, communication, and efficiency

Trimble decided to engage NetSPI penetration testing as a service (PTaaS) and incorporate it into their product development life cycle to discover assets and vulnerabilities in its products. A key reason for engaging NetSPI was the depth and breadth of testing required, including networks, applications, cloud, and hardware. Their team wanted a collaborative partner who could repeatedly deliver cutting-edge, best-in-class testing across many areas of technology, while meeting development and compliance timelines.



NetSPI solutions

Penetration Testing as a Service (PTaaS) – Application, Network, Cloud, Hardware and Red Team Testing



Industry

Transportation and Logistics Software



Employee count

12,500



Headquarters

Westminster, Colorado



Website

transportation.trimble.com

“When we have a trusted partner and platform like NetSPI to focus on finding our gaps it really takes us to that next level of cybersecurity maturity.”

Conan Sandberg
BISO, Trimble

PTaaS on The NetSPI Platform gave Trimble a single, easy-to-use platform for all their engagements, delivering results as they were uncovered. Constant communication with NetSPI experts meant that critical vulnerabilities immediately surfaced.

Seamless integration with existing workflow management tools enabled them to act quickly and reduce remediation time. Trimble recognized NetSPI's breadth of expertise to assess both common and emerging threats, as well as the capability to conduct frequent and rapid tests, whether the technology being tested was a decade old or still in production. Trimble was also impressed by NetSPI's collaborative approach since they were looking for a partner to help improve the capabilities of their internal teams.

Results

Product development and organizational security

Streamlined development cycle

Trimble was able to improve its product development by reducing delays, eliminating duplicate efforts, and reducing costs. By obtaining contextualized insights in real-time within their stringent development timelines, they were able to collaborate effectively and refine testing scopes, directing their efforts toward the areas that mattered most.

The NetSPI Platform, along with a collaborative approach and seamless communication with in-house security experts, empowered Trimble's product engineering teams to enhance their cybersecurity knowledge, refine internal processes, and optimize their product development life cycle.

Ability to stay ahead of emerging threats

Trimble's team not only accelerated their secure development process, and can continue to develop securely, but they also improved their existing security posture. NetSPI helped Trimble identify common and emerging threats in existing applications, hardware, networks, cloud, detective controls, and third-party technologies, consolidating all engagement results on The NetSPI Platform. A central contextualized asset repository made it easy for Trimble to take action on results.

The validated findings not only helped them identify and prioritize remediation of their most critical vulnerabilities, it also reduced the noise for their team, making it clear what to focus on as well as take action for remediation. Trimble was able to improve their overall security posture and feel more confident in maintaining the integrity and reliability of their services.

"We're able to address the higher risk concerns in a more timely manner by knowing what potentially could get exploited and the action steps that need to be taken to properly fix it... it's all provided for us so we're able to execute and then move on to the next problem."

Conan Sandberg
BISO, Trimble

"Penetration testing on the NetSPI Platform at Trimble has really made our lives easier and given us peace of mind."

Conan Sandberg
BISO, Trimble

The NetSPI Advantage



250+ In-house security experts



Intelligent process



Advanced technology

Your proactive security partner

NetSPI is the proactive security solution used to discover, prioritize, and remediate security vulnerabilities of the highest importance. NetSPI helps its customers protect what matters most by leveraging dedicated security experts and advanced technology, including Penetration Testing as a Service (PTaaS), External Attack Surface Management (EASM), Cyber Asset Attack Surface Management (CAASM), and Breach and Attack Simulation (BAS).