

Exposures Quantified

Introducing the **Shield Exposure Index**



Shield Exposure Index

Organizations often find themselves grappling with the overwhelming volume of vulnerabilities that could potentially exist within their network. The use of outdated methods to assess the severity of these vulnerabilities often results in a flood of 'Critical' and 'High' rated vulnerabilities within ecosystems. This poses a significant challenge for teams tasked with reviewing and remediating these issues, as they struggle to determine where to focus their efforts. However, the notion of living with vulnerability debt is not an inevitability. With the **Shield Exposure Index**, there is a more intelligent and scientific approach to risk assessment and prioritization, offering a sense of empowerment and control.

Within Shield's Continuous Exposure Management platform, each exposure is quantified using the **Shield Exposure Index**, which leverages the most relevant factors related to exploitability likelihood and impact, probability of exploitation, and exploitation maturity.



Prioritize Intelligently

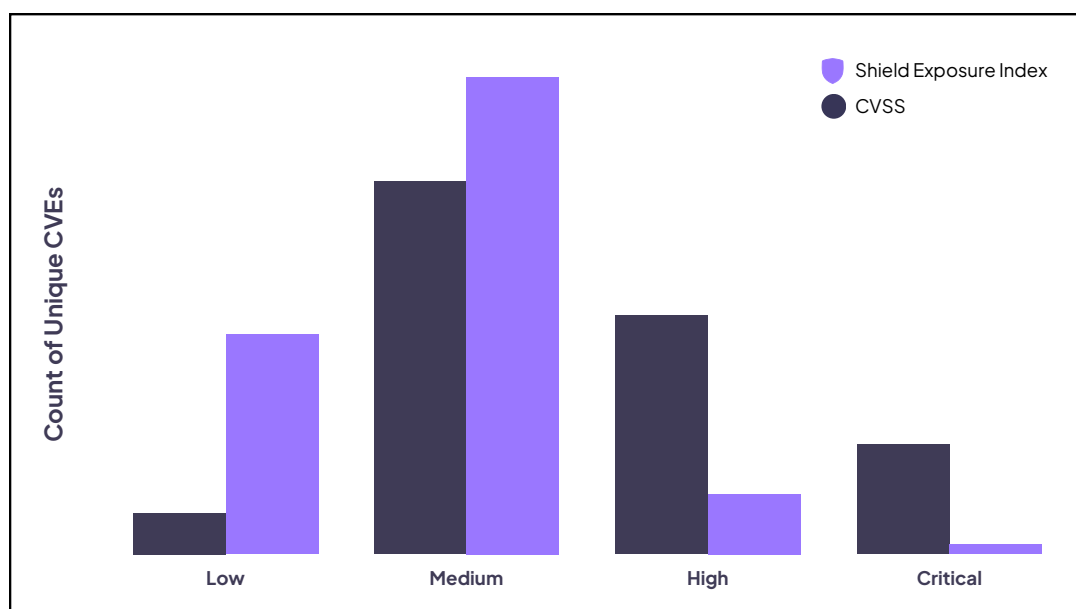
The **Shield Exposure Index** is not just a static score, but a dynamic and continuously updated measure of risk. It assigns a score for each exposure identified on assets across the organization's attack surface, internal network, and identities. This score, ranging from 0 - 100, is updated in real-time based on the latest intelligence and techniques attackers are using to target exposures in the wild. This real-time updating instills a sense of confidence and reassurance in the accuracy of the risk assessment.

Teams managing these risks and exposures can use this score and the Asset Criticality metric to prioritize based on the most critical risks across their most critical assets and identities.

Shield Exposure Index vs CVSS

The **Shield Exposure Index** surpasses the traditional CVSS score by dynamically assigning the current threat level to each exposure. It incorporates recent intelligence, adjusting as the threat landscape evolves. The static nature of CVSS scores, combined with the growing number of 'Critical' and 'High' rated CVEs, makes it challenging for internal teams to prioritize their remediation efforts if they rely solely on CVSS scores. For example, in 2023, of all of the non-rejected CVEs, 54% were rated 'Critical' or 'High'. The **Shield Exposure Index** assigns criticality levels that reflect current threat and exploitation impact levels, addressing the limitations of CVSS.

CVSS Criticality Compared to Shield Exposure Index Criticality



With the **Shield Exposure Index**, organizations can focus on addressing issues that pose genuine threats, making remediation efforts more attainable and impactful. Businesses that leverage the full capabilities of Shield—Attack Surface Management, Vulnerability Management, and Identity Security—can use contextual information across their environment to prioritize their efforts. Shield enables continuous assessment of exposures throughout the organization, dynamically evaluating emerging threats. The **Shield Exposure Index** provides an integral layer to the Shield Continuous Exposure Management platform by offering real-time insights and prioritization, ensuring that security teams can swiftly address the most critical exposures.