



Attack Surface Management

Enabling secure operations—ensuring mission success

Challenges

Vast threat exposure, limited resources. Inability to keep pace with remediation activities.

Generative AI fueling more sophisticated cyberattacks.¹

Ransomware remains profitable.

Attackers are looking for ways to target hybrid and multi-cloud environments.²

Incomplete understanding of inventory, configurations and owners.

Supply chains being exploited for the targeting third-party vendors to achieve their goals.²

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Key statistics

- 28,902 CVEs published 3, 87 zero-day vulnerabilities⁴
- 84% increase in ransomware attacks⁵
- 6,077 recorded data breaches (over 60% within the U.S.)⁵
- 1 in 4 organizations shut down OT cyber attack⁶
- Hackers scan for vulnerabilities within 15 minutes of disclosure 7 while on average, the mean time to remediate (MTTR) is 58 days⁸
- 84% of organizations have network perimeter high-risk vulnerabilities⁸
- Approximately 40% of attacks on OT environments resulted from compromised IT systems that allowed attackers into OT/ICS networks⁹

Addressing the problem

Program Assessment, Audit, Design and Build

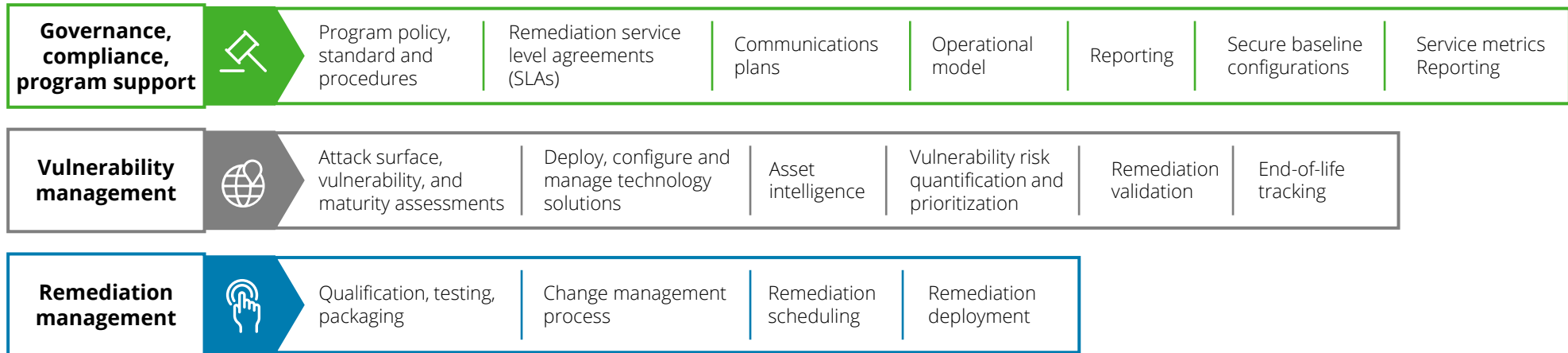
Deloitte designs and deploys industry leading Attack Surface Management (ASM) programs with a focus on helping clients understand their threat exposure.

Operationalization and Managed Services

Deloitte operates and continuously refines ASM programs, including either a managed service or in a collaborative model jointly with your organization.

Outcomes

- Change the conversation from the boardroom to the business units
- Bridge business, IT and security teams
- Increase situational awareness, vigilance, workflow automation, collaboration and threat focused risk reduction
- Reduce uncertainty, and impact on organizational staff, decreasing the Mean-Time-to-Remediate



Let's talk.



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¹ <https://antidos.com/blog/7-reasons-why-generative-ai-is-fueling-cyberattacks/>

² https://www.informationweek.com/cyber-resilience/7-security-trends-to-watch-heading-into-2024?mc=NL_IWK_EDT_20231219&cid=NL_IWK_EDT_20231219&sp_aid=120002&elq_cid=24980267&sp_ah=3c3b815e97263d1b5fab05cdcabecf625616be7cfb90782e2bb5fd5b4db389d8&sp_ah=3c3

³ [Browse cve vulnerabilities by date \(cvedetails.com\)](https://www.cvedetails.com)

⁴ <https://www.securityweek.com/vulnerability-handling-in-2023-28000-new-cves-84-new-cnas/>

⁵ <https://www.securityweek.com/threat-indicators-show-2024-is-already-promising-to-be-worse-than-2023/>

⁶ <https://www.securityweek.com/1-in-4-organizations-shut-down-ot-operations-due-to-cyberattacks-survey/>

⁷ <https://www.bleepingcomputer.com/news/security/hackers-scan-for-vulnerabilities-within-15-minutes-of-disclosure/>

⁸ 25+ Cyber Security Vulnerability Statistics and Facts of 2023 (comparitech.com)

⁹ Why the manufacturing sector must make zero trust a top priority in 2023 (venturebeat.com)