



CASE STUDY

Closing the Gaps Vulnerability Scanners Miss

CHALLENGE

A large financial services security team relied on vulnerability scanners to assess risk across a distributed environment. While scanner reports showed few critical findings, the team lacked confidence that the results reflected actual exposure. With more than 60 branch locations, segmented networks for vendors and guests, and systems spanning on-premises infrastructure and the cloud, they could not verify whether scanners were reaching all parts of the network, whether vulnerabilities were truly exploitable or contained by segmentation, or which findings should be prioritized. As a result, the team risked spending time on issues that looked critical in reports while missing exposures that mattered in practice.

SOLUTION

The organization deployed RedSeal alongside its existing vulnerability scanners to validate coverage and add network context. RedSeal provided a continuously updated view of the network, including firewalls, segmentation controls, and access paths between systems. This allowed the team to see where scanners could and could not reach, identify blind spots and blocked access, and understand which vulnerabilities aligned to real attack paths. Rather than replacing scanners, RedSeal made their results more actionable by grounding findings in actual reachability and network behavior.

RESULTS

With RedSeal in place, the security team gained clarity and focus across its vulnerability program. Previously unscanned network segments were identified, firewall rules were adjusted to allow controlled scanner access, and overly permissive access paths were tightened to limit lateral movement. Scanner findings were reprioritized based on reachability and business impact, reducing investigation time and increasing confidence in remediation decisions. The team shifted from managing long vulnerability lists to addressing real, defensible risk.



“Our scanners were telling us what issues existed, but not whether they actually mattered.

RedSeal gave us confidence in what was reachable, what was contained, and where to focus to reduce real risk.”

-Security Leader, Large Financial Services Organization