CASE STUDY
Public Entity

Arizona State University
Secured Their User Environment with RiskSense

ASU®

THE CHALLENGE

ASU was seeking a cybersecurity service for testing 14,000 active network nodes and 20 critical web applications. The service required in-depth and full-breadth penetration testing for network and application vulnerabilities with the goal of providing actionable information. ASU was seeking a true partner for this service in that the actionable information would be presented and explained in a prioritized fashion that would facilitate remediation for critical vulnerabilities. Finally, ASU sought to substantially increase its security visibility by executing the RiskSense Platform to manage its vulnerabilities and remediation activities.

THE SOLUTION

RiskSense is a proactive and detail-oriented partner when it comes to its flagship services: vulnerability scanning, penetration testing and security assessments. The requirement from ASU to provide broad and in-depth coverage was easily attainable due to established assessment methodologies and reporting processes. The RiskSense methodology goes beyond what is typically offered in the marketplace: reconnaissance and device discovery (identifying darknets and active IPs), vulnerability discovery using multiple scanners to discover vulnerable services and misconfigurations, manual and automated penetration testing (to ensure verification of all vulnerabilities and eliminate false positives), analysis of assessment results with an established goal of providing recommendations for remediation and, finally, a clear focus on the client and its needs by delivering meaningful knowledge transfer and being available to answer all questions regarding the assessment.

The foremost challenge addressed during the engagement in regards to implementation of the RiskSense Platform was ASU's user environment, which is extremely dynamic. It allows for potentially unscrupulous and/or oblivious individuals to access the network and introduce and/or facilitate a threat, whether maliciously or inadvertently. The RiskSense team worked with ASU to execute a solution, which was a custom integration directly within the platform. This integration allowed ASU to obtain identity assertion from the user and enabled it to make a decision on the level of access controls to grant each user.

THE RESULTS

After completing the assessment, RiskSense's security analysts delivered a detailed account of all discovered vulnerability/threat pairs and thoroughly explained their impact to ASU.

Direct support was and continues to be provided to ASU, and the level of customer support combined with the accuracy and timeliness of the RiskSense security analysis team led to a monthly scanning agreement.

Lastly, ASU signed on for an annual subscription to the RiskSense Platform. This decision was made, in large part, because of the RiskSense development team's diligence in building a custom integration for ASU within the platform; it was completed in three weeks (from the day it was discussed with ASU to its launch).

NEXT STEPS

RiskSense continues to work with ASU on complex security projects, like assessing building controls for security flaws. In an organization the size of ASU, they possess many devices that cannot be easily tested with traditional penetration testing methods. RiskSense and the University work on how to assess these controls without affecting their original IT infrastructure. Additionally, ASU is actively pursuing a plan to cover 100% of their network IT infrastructure to increase their visibility into their network and web applications. Over the years, ASU and RiskSense have formed a strong partnership, and RiskSense is now the University's go-to vendor for security services and trusted advisor.

WHY RISKSENSE

In-depth penetration testing for 14K+ active network nodes & 20 critical web applications.
Actionable, prioritized information to facilitiate remediation.
Increase security visibility with the RiskSense Platform to continue managing vulnerabilities and remediation.

Contact Us Today to Learn More About RiskSense
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