Archer® IT Security Vulnerabilities Program

Use case for IT & Security Risk Management

The Challenge

The identification and remediation of security vulnerabilities is an absolute necessity in staving off the constant threat of data breaches and system compromises. In an attempt to stay ahead of threats, organizations may deploy one or even multiple scanners to identify vulnerabilities. But these actions often result in too much information being generated to be helpful in managing security risk.

This deluge of data leads to a poor handoff to IT operations in addressing tactical security vulnerabilities. It also limits visibility into remediation efforts to close those gaps and offers little value to organizations that have implemented vulnerability scanning solely for compliance purposes. Attempting to manage the large volume of vulnerability data without a sound process to prioritize security issues drastically reduces the effectiveness of this fundamental control.

Overview

Archer® IT Security Vulnerabilities Program enables security teams to systematically identify and prioritize threats and vulnerabilities based on the level of risk to the business. These teams can also proactively manage IT security risks by combining asset business context, vulnerability assessment results and comprehensive workflow in one place. IT assets can be cataloged with a full business context overlay to prioritize scanning and response.

The consolidated platform for vulnerability management enables centralized tracking and remediation of related issues.

With Archer IT Security Vulnerabilities Program, IT security analysts can implement alerts, explore vulnerability scan results and analyze issues as the y arise to help boost the closure rate for critical gaps. The ability to research known vulnerabilities helps prioritize efforts for IT operations, resulting in reduced cost, time and effort, and enhanced visibility into dangerous vulnerabilities in critical assets.

A powerful and flexible rules engine highlights new threats, overdue issues and changing business needs. For business and IT managers, a consolidated management module integrates powerful analytics with reporting, workflow and a risk management framework to enable data-driven security decisions. Using Archer IT Security Vulnerabilities Program, organizations can effectively manage the entire vulnerability lifecycle, from detection and reporting through remediation and verification.

Features

- Centralized catalog of IT assets and repository and taxonomy for vulnerability data.

- Ingestion of vulnerability detections to support enterprise environments.

- Vulnerability tickets to facilitate many to one tracking of remediation and exception requests.

- Automation of vulnerability management, security measurement and compliance via integration to the National Vulnerabilities Database.

- Track trends in your vulnerability program over time.

- Rules-based issues management.

- Built-in integration to leading scanning technologies including Qualys and Tenable.

Benefits

With Archer IT Security Vulnerabilities Program, you can:

- Quickly understand which assets are vulnerable based on scanner detections.

- Apply business context to detections to help analysts prioritize remediation efforts based on role, criticality and CVSS environmental score.

- Track and manage vulnerabilities automatically according to the technologies they impact.

- Establish clear communication to IT administrators for remediation based on risk to the organization and service- level agreements.

- Implement an end-to-end process to address vulnerabilities from detection to remediation according to business risk.
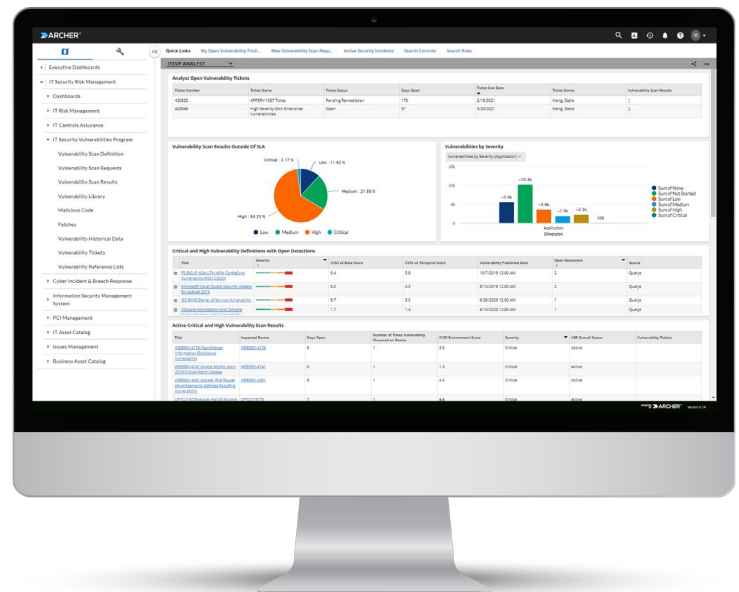
About Archer

Archer is a pioneer in risk management delivering solutions for the heroes tasked with helping their organization deal with uncertainty. We enable better decision making with a technology platform to manage all types of risk. With more than 20 years of experience, Archer is solely dedicated to helping organizations manage risk, ensure compliance and meet emerging challenges such as ESG and operational resilience. Working with the largest pure risk management community globally with more than 1,200 customers of all sizes and industries, we help our customers not by building a wall around their business but by building a bridge to their next opportunity.

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