Integrating Cyber Exposure Data from Cymulate into RSA Archer GRC

Solution Brief

Automated continuous testing against continuous threats

IT environments change daily. Configurations are updated, applications are rolled out, patches are applied and settings altered across endpoints, networks and security controls.

Similarly, the threat landscape continues to oscillate. New malware strains emerge on a daily basis, advanced persistent threat (APT) groups abound, and threat actor techniques, tactics and procedures (TTPs) continue to evolve.

Automated breach and attack simulation (BAS) tools have emerged in recent years, empowering organizations to challenge, measure and optimize the effectiveness of their security controls on an ongoing basis. By identifying new security gaps as they emerge, security teams can routinely and quickly fix security gaps to continually improve the organization's security posture.

Enhanced cyber security risk management

Equipping teams with leading-edge security effectiveness testing technology and mitigation knowhow, Cymulate's award-winning SaaS-based breach and attack simulation platform provides enterprises with the 24x7x365 visibility they need into where they are exposed, along with immediate actionable insights into how to reduce their attack surface.

Benefits of Integrating Cymulate into RSA Archer GRC:

- Single pane view of company-wide security data through RSA Archer GRC
- Immediate actionable insights into the organization's security posture
- Comprehensive remediation guidelines
- Customizable dashboards, queries and reports

Figure 1: Cymulate exposure scores per simulated attack vector
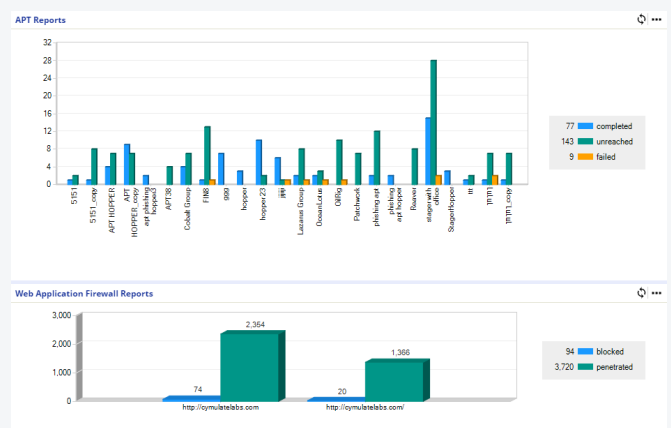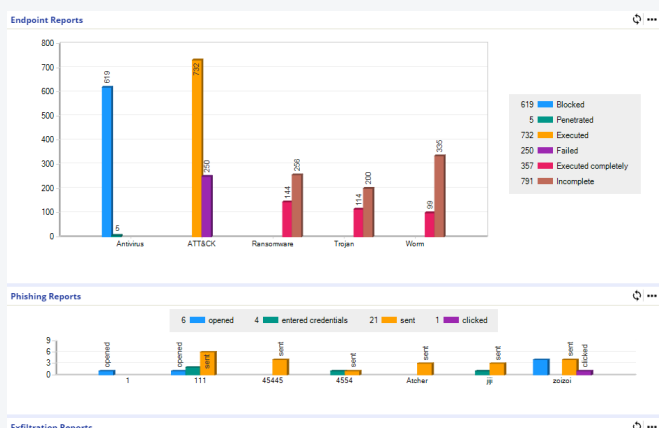
At the end of each simulation, an exposure score is generated, allowing organizations to prioritize remediation according to where their exposure is highest, and providing added value such as industry peer benchmarking and monitoring security performance over time.

By integrating simulation assessment results into RSA® Archer® GRC Platform, enterprises gain easy access to Cymulate's assessment data through their regular portal, enabling them to view simulation results, create customized dashboards and utilize this data in their Governance, Risk and Compliance (GRC) plan.
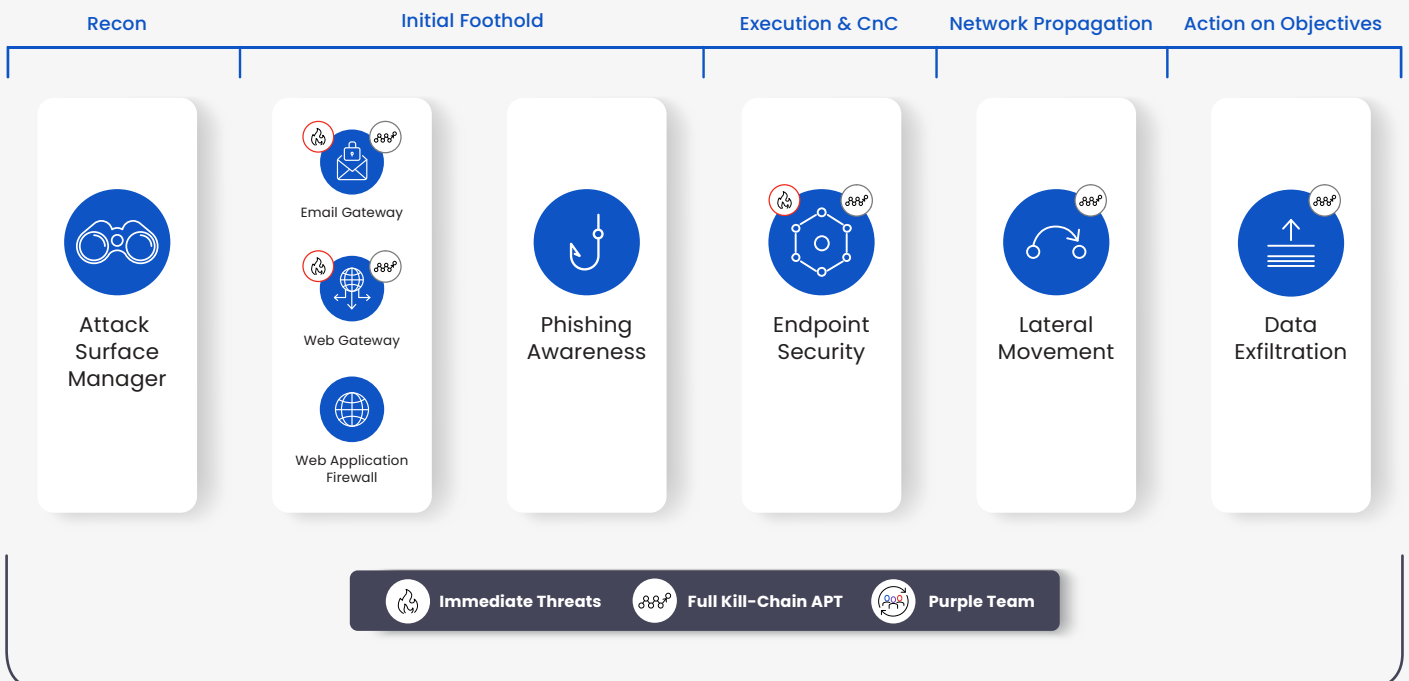
- Filter and generate queries and reports on the attack simulations performed.
- Provide management with the information they need to convey the company's current cybersecurity posture, defensibility, priorities, and ROI.

Single-Pane GRC from the market leaders

Interoperability between Cymulate and RSA® Archer® GRC Platform yields critical risk management benefits, including the ability to:

- Track exposure scores over time, separately per attack vector, and obtain a weighted exposure score that combines all vectors together.
- Generate intuitive, easy-to-understand executive and technical-level reports detailing the organization's up-to-the-moment security posture.

Extended Security Posture Management

Recon — Initial Foothold — Execution & CnC — Network Propagation — Action on Objectives

Attack Surface Manager | Email Gateway | Web Gateway | Web Application Firewall | Phishing Awareness | Endpoint Security | Lateral Movement | Data Exfiltration

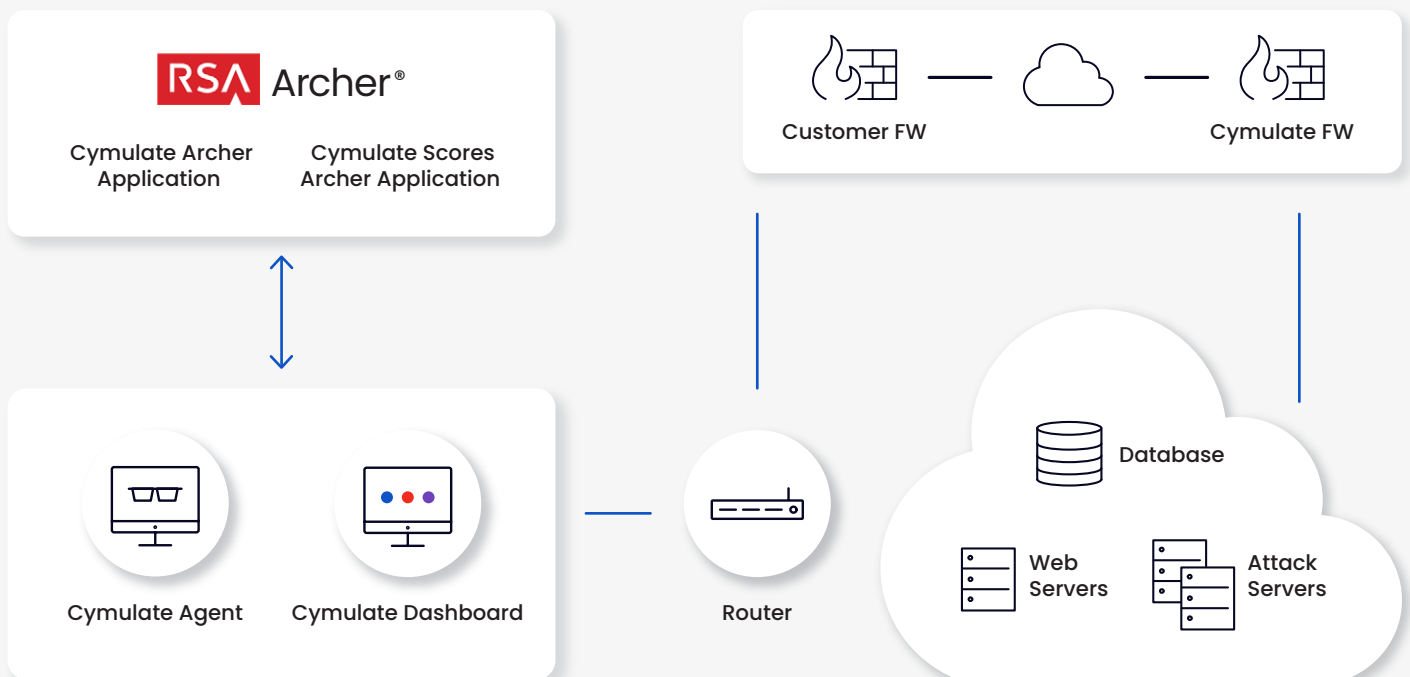Immediate Threats | Full Kill-Chain APT | Purple Team

About the RSA Archer GRC Platform

The RSA® Archer® GRC Platform supports business -level management of enterprise governance, risk and compliance (GRC).
As the foundation for all RSA Archer GRC solutions, the Platform allows you to adapt a broad range of solutions to your requirements, build new business processes, and integrate with external systems without touching a single line of code.

RSA Archer's flexible strategy has won over some of the most demanding Fortune 500 companies. These businesses have seized the power of the Platform to make RSA Archer solutions their own, modeling additional business processes in a fraction of the time it would take to develop traditional custom applications.

Organization environment

RSA Archer®

Cymulate Archer Application   Cymulate Scores Archer Application

Cymulate Agent   Cymulate Dashboard

Router

Customer FW   Cymulate FW

Database

Web Servers   Attack Servers

About Cymulate

With a Research Lab that keeps abreast of the very latest threats, Cymulate proactively challenges security posture end to end, automatically and continuously, allowing hyper-connected organizations in all maturity levels to avert damage and stay safe. Founded by an elite team of cyber researchers with world-class experience in offensive cyber solutions, Cymulate is trusted by hundreds of companies worldwide, from small businesses to large enterprises, including leading banks and financial services. They share our vision to be the gold standard for security professionals and leaders to manage, know and control their Cybersecurity Posture. Today it's simple for anyone to protect their company with the highest levels of security. Because the simpler cybersecurity is, the more secure your company-and every company-will be.

Contact us for a live demo, or get started with a free trial

Start Your Free Trial