

DATA SHEET

Automated Exposure Mitigation

Go Beyond Validation to Mitigate Threat Exposure

Security teams know they are in a daily race to stay ahead of advanced cyber threats. To harden defenses before the next attack, the Cymulate Exposure Validation Platform provides both the insight and automation to optimize prevention with automated control updates for validated threat exposure.

The Cymulate platform is the trusted solution to challenge security controls and policies with automated threat emulation based on the latest threat intel, vulnerability exploits and full coverage of MITRE ATT&CK™ tactics and techniques.

For identified security gaps, the Cymulate platform includes the option for automated exposure mitigation that updates security controls to block or detect the missed threat. Through the combination of threat validation and automated control updates, Cymulate automates the process of:

- Daily testing of new threats
- Updating security controls to block validated threats
- Proving threat resilience and current state of security posture

From Exposure to Mitigation with Immediate Prevention

With a daily update of the latest threats, the Cymulate platform continuously tests and proves the effectiveness of security controls to block advanced cyber attacks. When Cymulate identifies a threat that was not prevented, it includes the option to push indicators of compromise (IOCs) such as file hashes, URLs, malicious IP addresses and domains for that specific threat directly to the security control for immediate threat prevention.

Integrate and Automate Exposure Management

Cymulate brings together the intelligence to automate exposure validation and mobilization as part of a continuous threat exposure management (CTEM) program. By combining validation and mitigation, the Cymulate platform gives security teams the technology and integrations to automate manual tasks to reduce threat exposure.

Benefits

Optimize Threat Prevention

Automate updates to block the latest threats that bypassed controls.

Reduce Complexity

Create streamlined processes for immediate action of control gaps.

Save Time Deploying Control Updates

Automate the process of pushing new IOCs to security controls.

Automate Validation and Mobilization into CTEM Program

Connect immediate action and mitigation to validated threat exposure.



Cymulate integrates with our XDR to improve our threat detection and response. Cymulate automatically uploads critical threat data directly to our XDR to ensure that potential threats are identified and addressed quickly, without manual intervention.

– Senior Security Manager, Singapore Bank








Before Cymulate, updating our controls to block new threats would have been a manual task for an analyst to do weekly. With the Cymulate mitigation capability, the platform automatically uploads critical threat data to our web gateway and EDR. We have seen a direct connection between the newly added IOCs and our controls successfully detecting and preventing emergent threats.

– SOC Manager, Civil Engineering Organization

Integrate with Security Controls to Harden Defenses

The Cymulate option for automated mitigation supports control integrations for leading cybersecurity platforms. If you don't see a specific control covered today, Cymulate can most likely add that integration for you.

Vendor	Solution	Vendor	Solution
 CROWDSTRIKE	Falcon Insight XDR & Prevent	 TREND MICRO	Trend Vision One
 Microsoft	Defender for Endpoint	 paloalto NETWORKS	Cortex XDR
 SentinelOne	Singularity Endpoint		



We use the Cymulate automated mitigation capability to enhance and strengthen our security. The platform's threat data strengthens other security products that may not yet have identified those IOCs or hashes.

– Information Security Manager, Law Enforcement Agency

Why choose Cymulate?



Faster Control Updates

Automated the process of updating security controls for new threats and reduce mean time to mitigation.



Reduce Complexity

Save time and effort managing multiple systems and tracking processes across teams.



Operationalize CTEM

Automate validation and mobilization as part of your continuous threat exposure management program.

About Cymulate

Cymulate is the leader in exposure management and security validation. More than 500 customers worldwide rely on the Cymulate platform for continuous discovery, validation, prioritization, and guided remediation of security gaps before attackers can exploit them. For more information, visit www.cymulate.com.

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