

Core Security Validation Package

Cymulate Core provides testing, measurement, and optimization of critical security controls for assessing and reducing risk exposure against cyber threats. Through automation and an easy-to-use interface, the solution scales to accommodate users with simple attack assessment needs to those with mature validation programs.

What is Included?

The Core Security Validation Package includes production-safe attack scenarios to assess security the efficacy of your Web, Email and Endpoint current security solutions and validate detection and response. Security gaps are listed in an automatically generated report with actionable remediation guidance. The assessments can be automated, customized, and scheduled. The platform is updated daily to keep up with emerging threats and the simulations are mapped to the MITRE ATT&CK Framework. In addition, SOC teams can run incident response exercises to finetune threat detection and incident response playbooks.

Core Validation Modules

Email Gateway Module: Tests email security controls by sending emails with attachments containing ransomware, worms, trojans, or links to malicious websites. The simulation reveals if malicious emails could bypass an organization's first line of defense and reach employees' inboxes.

Web Gateway Module: Simulates an employee accessing malicious websites. The tests are performed over HTTP and HTTPS by the Cymulate agent to validate the effectiveness of the organization's web security from a controlled endpoint on the production network.

600

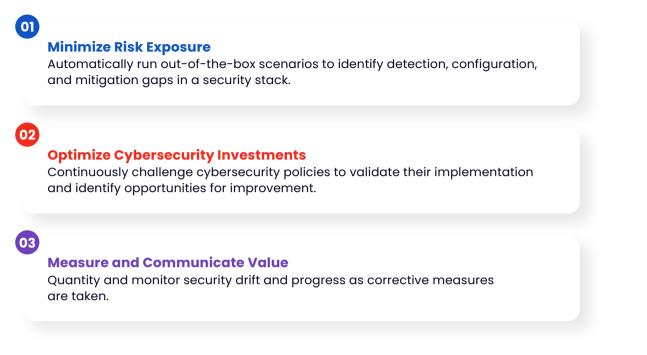
Endpoint Security Module: Tests the endpoint against behavioral and signature-based attacks, lateral movement, and MITRE ATT&CK methods and commands to find gaps in configuration and optimize defenses.



Immediate Threats Intelligence Module: Provides testing of security controls against new and emerging threats that have been recently seen in the wild. Cymulate's Research Lab monitors the web for new threats and adds the most recent and relevant ones, usually within 24 hours after discovery.



Customer Benefits



The Cymulate Difference

Number one for innovation in the Frost & Sullivan's Frost Radar Breach Attack and Simulation (BAS) market for 2022. Frost & Sullivan found Cymulate to cover the most use cases with advanced analytics which enable all stakeholders to make data-based decisions.



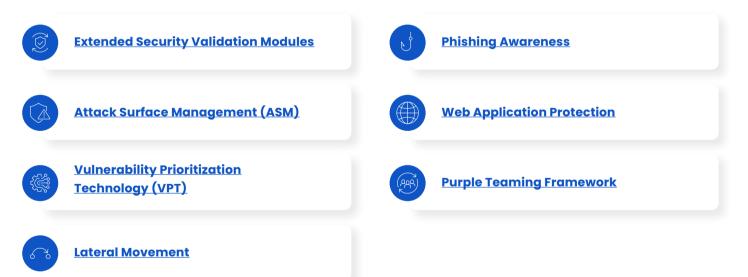
Core Use Cases



Cymulate Security Validation Platform Dashboard

🔹 Cymulate	Dashboard Scenarios Advanced Scenarios Campaigns Findings Reports	∓ 0 <mark>∞</mark> % , © ∞
Recommended		
E ABVM		
Cverall Security Posture		
Scenario Prevention		
Scenario Detection Overview		50/100
		JU/100
C Advanced Scenarios	Municipal (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
	23 (59 m)	
ELateral Movement Security Posture	and definer	
My dashboards		
Core Security Validation		
C Security Controls &	INITILUSEINEE EATHRING INITIAL POOTINGLD EXECUTION AND CAC INTRODUCT METHODS ACTION ON ONJECTIVES	
Detection Dashboard		
Org Parameters	SECURITY CONTROLS IMMEDIATE THREATS INTEGRATIONS I EMAR GATEWAY TRACE	
New Dashboard	WE GETERAY 10 ADDRESS AND A TELEFT 100 SENTRED A ADM FOLCY 1971	
+ New dashboard	WEI APPLICTION FIBRIAL 99 APTI-9 TRACING DOWN (00. 91 900)	
	INGRONT SECURITY 56 BLACK BASTA RANGOMINARE G. 110/	
	OMA DEFETATION 77 US CERTALEET - DARK TAM SVA	

Add-ons



About Cymulate

With a Research Lab that keeps abreast of the very latest threats, Cymulate proactively assesses and validates security posture end-to-end, automatically and continuously. Hyper-connected organizations of all maturity levels can 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. We strive to be the gold standard for security professionals and leaders to assess, optimize, rationalize, and validate their cybersecurity posture. Cymulate provides this with a laser focus on being relevant for today's threats, providing contextualized data for actionability, and ease-of-use for security practitioners of all skill levels.

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

Start Your Free Trial