

# Continuous Security Validation Made Simple

## Measuring your cyber posture seems impossible?

Every day brings change to your security posture. Changes in the IT architecture modify the attack surface, configuration changes to security controls introduce unforeseen security gaps and, the evolving threat landscape introduces new threats to avoid. It seems impossible to know how effective your security controls are right now and what requires fixing. You have tried penetration testing and other alternatives. But by the time you get their report, it is already outdated and irrelevant. There must be an effective and simple way to know you are secure, continuously.

## #1 In Continuous Security Validation

For companies that want to assure their security against the evolving threat landscape.  
[Ranked #1 in innovation by Frost & Sullivan in the 2021 BAS Radar™ Cymulate SaaS-based Continuous](#)

Security Validation deploys within an hour, enabling them to challenge, assess and optimize their cyber-security posture simply and continuously across the MITRE ATT&CK® framework, end-to-end. The platform provides expert and threat intelligence led risk assessments out-of-the-box, that are simple to use for all skill levels and constantly updated. Standards-based risk scores are calculated to measure and track performance, actionable remediation guidance is provided to close security gaps and executive reports enable management to prioritize scarce security resources. The platform also provides an open framework for ethical hackers to create and automate red and purple team exercises and security assurance programs, tailored to a company's unique environment and security policies. Cymulate, provides up-to-the-minute visibility required by security professionals to know and control their dynamic environment.

## How it works

Cymulate lets you improve your security posture 24X7X365 within minutes, in just three simple steps:



**01** **Simulate**  
Attacks across the full kill chain



**02** **Evaluate**  
Controls to identify gaps



**03** **Remediate**  
With actionable guidelines

## Key platform capabilities



**In-depth validation** - By mimicking the myriad of strategies and tools attackers deploy, the platform challenges your company's security controls with thousands of simulated attacks that cover the MITRE ATT&CK framework in-depth. This comprehensive validation assesses your company's true preparedness to handle cybersecurity threats effectively.



**Outcomes and reports** - An executive report is generated after every assessment. It scores the outcome of the assessment, summarizes the results, and provides high level countermeasure recommendations. The executive report also compares the score to previous assessments and to the score of industry peers. A technical report is also generated. It provides a description of each individual test or finding together with a risk level and actionable remediation guidance.



**Integration partners** - Cymulate integrations enable you to validate and improve SOC performance. Integrations with xDR/EDR and SIEM systems correlate attack simulations with detection, events and alerts for quick and easy validation. Integration with vulnerability management systems enable risk-based vulnerability management. It provides attack context to vulnerabilities and attack-path visualization of vulnerable machines to help prioritize remediation and patching efforts.



**Test against the latest threats as they emerge** - Cymulate Labs stays abreast of the very latest threats, updating the platform on a daily basis with Immediate Threats Intelligence. This enables organizations to rapidly assess their resilience against the latest threats as they emerge.



**End to end validation** - Cymulate validates your security posture across the full attack kill chain: Reconnaissance, initial foothold, execution, command and control, lateral movement, and action on objective. It combines attack surface management, security awareness, infrastructure resilience and security control validation in one platform.

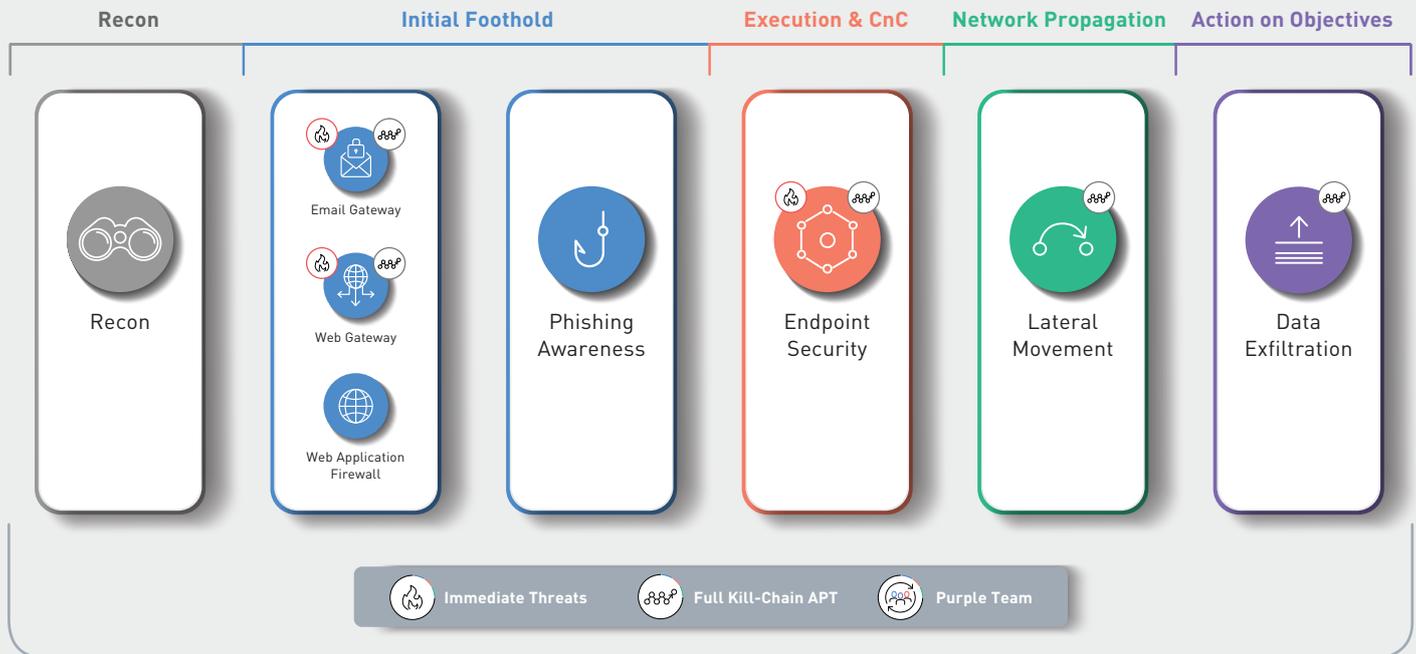


**Security Scoring** - Cymulate security scoring provides a measurement of your company's security posture and the effectiveness of its security controls. The scoring system enables you to track and improve your security posture in addition to rationalizing security spend and the allocation of resources. The score is calculated using industry-recognized standards; the NIST Risk Management Framework, CSVSS v3.0 Calculator, Microsoft's DREAD and the MITRE ATT&CK™ Framework.

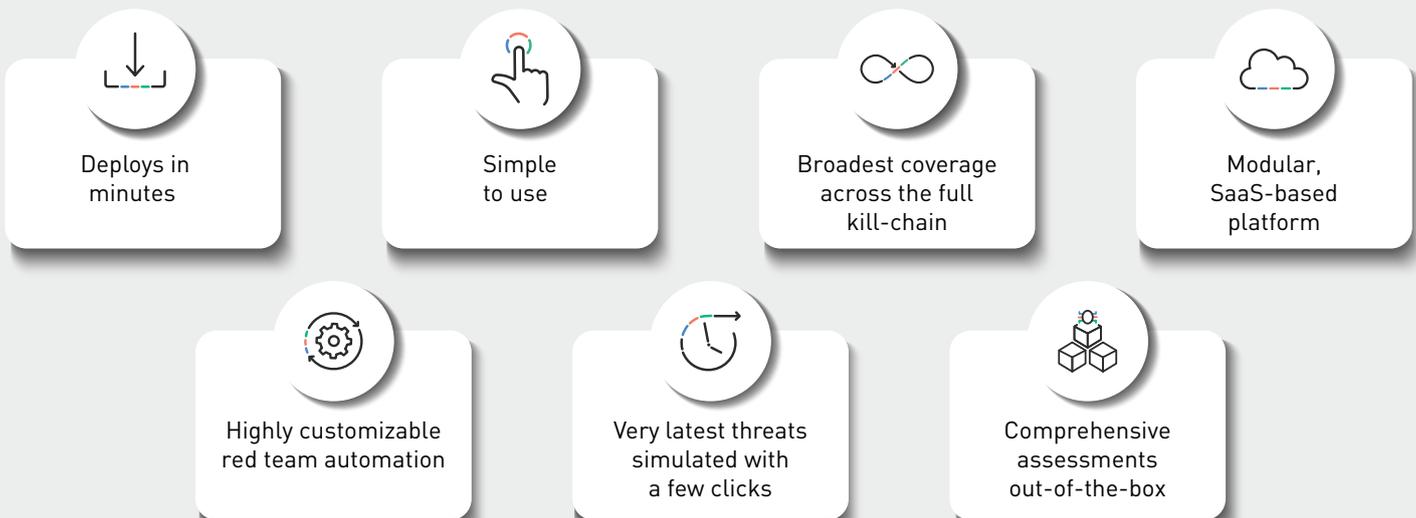


**Red/Purple team automation** - The Cymulate Purple Team module is an open framework that scales red team and pen-testing skills. It operationalizes the MITRE ATT&CK® framework to create, launch and automate custom attack scenarios. In addition to the extensive library of executions and scenarios provided out-of-the-box, red teams can craft or modify executions to create both simple and complex scenarios of atomic, combined, and chained executions. The module enables APT simulation, purple team exercises, incident response playbook exercises, pro-active threat hunting and to automate daily security assurance procedures and health checks.

## End to end security validation



## Why Cymulate



## Who we are

With a Research Lab that keeps abreast of the very latest threats, Cymulate proactively challenges security controls, allowing hyper-connected organizations 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 companies worldwide, from small businesses to large enterprises, including leading banks and financial services. They share our vision-to make it 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 [www.cymulate.com](http://www.cymulate.com)

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