

Cymulate Exposure Validation Platform

Validate Controls, Threats and Response

If you are not validating, you are not protecting. Today's threat environment demands that security teams adopt a new approach for a more proactive and preemptive approach to cybersecurity that automates security and exposure validation.

By continuously testing and validating your security controls, threats and response capabilities, the Cymulate Exposure Validation Platform provides the insights and automation to:

- Find and fix your security gaps to optimize security posture
- Scale offensive testing for continuous closed-loop process
- Focus remediation on the truly exploitable
- Measure and baseline security posture

Complete Validation Made Easy with Automation & AI

Only Cymulate combines the best of automated security validation with breach and attack simulation (BAS) and continuous automated red teaming (CART) in a platform that validates controls, threats and response for any IT or cloud deployment.

The combination of BAS and CART provides security teams with the advanced testing to continuously:

- Validate control effectiveness with real-world attacks
- Execute advanced attacks and custom campaigns
- Run live-data exercises that validate observability and response play books
- Prove exploitability of known vulnerabilities and other exposures

With a library of more than 1 million attack actions, Cymulate provides templates for best practices and includes daily updates for new active threats and complex attack campaigns.

The AI Attack Planner and easy workflows create custom threat assessments from threat intel, threat advisories and plain language commands with chained attack scenarios that simulate the latest threats.

Trusted Results and Actionable Remediation

Cymulate exposure validation provides the evidence of exploitability, so security teams can confidently work with application and systems owners to remediate actual threat exposures. Cymulate provides remediation guidance and mitigation that includes:

- Security control updates and recommended configuration changes
- Custom detection rules directly applied to endpoint security and SIEM
- New indicators of compromise (IoCs) directly pushed to controls

Benefits

Focus on true exposure

Filter out the thousands of potential exposures and prioritize what's truly exploitable.

Test and optimize security controls

Tune controls for threats and techniques that evaded controls with IoCs, policy updates and custom mitigation rules

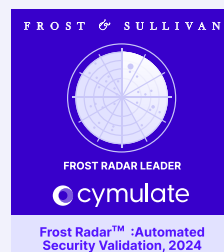
Battle-test your SOC and MSSP

Run live-data attack exercises to validate and optimize security response processes and playbooks.

Measure and prove cyber resilience

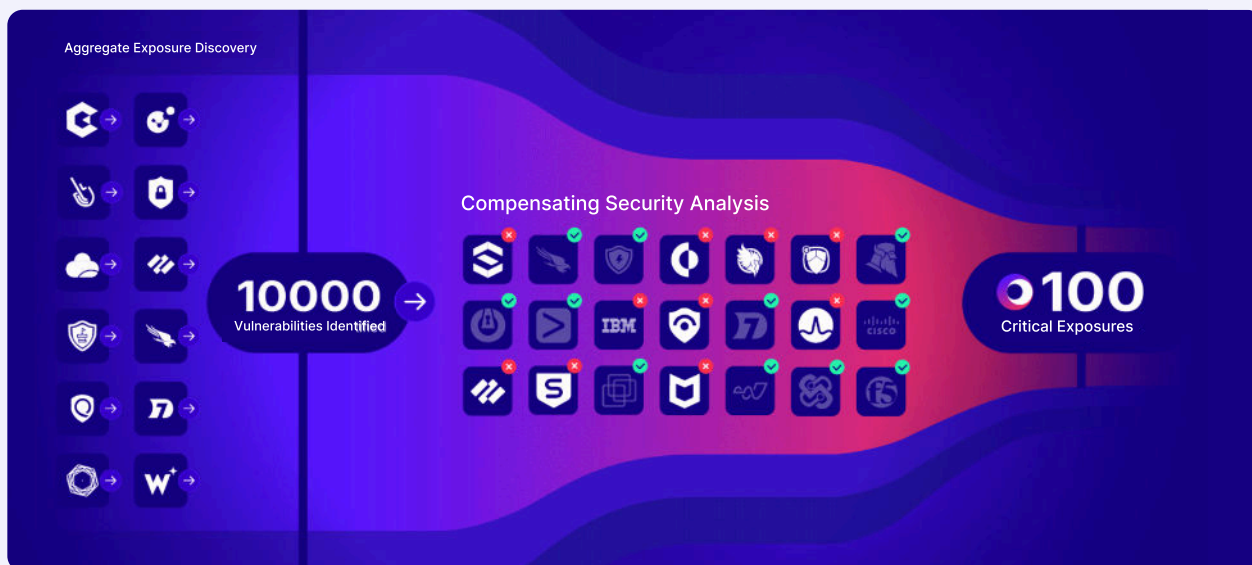
Baseline security posture with metrics based on the evidence of security validation mapped to of MITRE ATT&CK coverage.

Backed by the Industry



Validation Proves True Threat Exposure

Exposure management relies on security control validation to filter the thousands of theoretical vulnerabilities and weaknesses down to the true exposure by considering the full context of the security controls for prevention, detection and response.



Measure and Benchmark Cyber Resilience

With an aggregated view of security effectiveness and the evidence of exposure validation, the Cymulate platform measures and benchmarks cyber resilience and the state of your security posture with operational metrics, board-ready reports and benchmarking against industry peers. The Cymulate platform maps to frameworks like MITRE ATT&CK and NIST 800-53 to provide scorecards and heatmaps of validate threat coverage and control effectiveness.

Validation for Any IT or Cloud Environment

With a library of more than 1 million attack actions, Cymulate provides templates to cover both best practices and advanced threat campaigns that target and exploit:


- Operating systems (Windows, Mac, Linux)
- Cloud infrastructure (AWS, Azure, Google Cloud)
- Applications
- Databases
- Identity and user privileges

Why choose Cymulate?




Complete Exposure Validation

Best-in-class exposure security validation with a single platform to test controls, threats and response.



Simple Automation

Advanced testing for any blue or red teamer to run and customize with templates, best practices and AI assistant.



Trusted Results

Remove skepticism with evidence of exploitability and confidence to integrate automated testing in exposure management.

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.

Get a Demo