

# 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 the industry's most complete library of attack actions and full coverage of MITRE ATT&CK techniques, Cymulate attack templates cover best practices for common threats, control optimization and industry-specific campaigns.

The attack workbench and AI Attack Planner allow users to create their own attack scenarios and convert the latest threat advisories into advanced custom attack chains that simulate the latest threats.

## Actionable and Automated Remediation

To optimize controls and reduce exposure, Cymulate includes guidance and automation to mobilize mitigation and remediation. With proof and evidence of exploitability, security teams and system owners trust Cymulate remediation that includes:

- Custom detection rules directly applied to network, endpoint and SIEM
- Integration with security controls to push updated policies and rules
- Expert guidance for security policy or configuration updates

## 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.

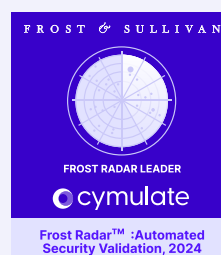
### Battle-test your SOC and MSSP

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](http://www.cymulate.com).

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