Risk-Informed Decision Making
Solution Brief

Challenges

The growing number and complexity of cyber-threats have transformed cyber-risks into business risks, compelling executives to evaluate their potential impact on operations, finances, and reputation, all while trying to establish effective communication with their security teams to determine what is genuinely material to the company's operations. At the same time, the rise of ransomware, supply-chain attacks, and tightening cybersecurity legislation is expected require security professionals to improve resilience and acquire capabilities to monitor, measure, and track both resilience and security drift.

Yet, making cyber risk informed business decisions requires understanding the security strategy which might be challenging for a non-technical audience. Translating that strategy, the threat landscape, and the impact of required modifications into meaningful risk metrics has traditionally been nearly impossible, despite executive teams and boards of directors increasing demand for data that describes the potential impact of a security threat to operations, brand reputation, market position, and even stock value.
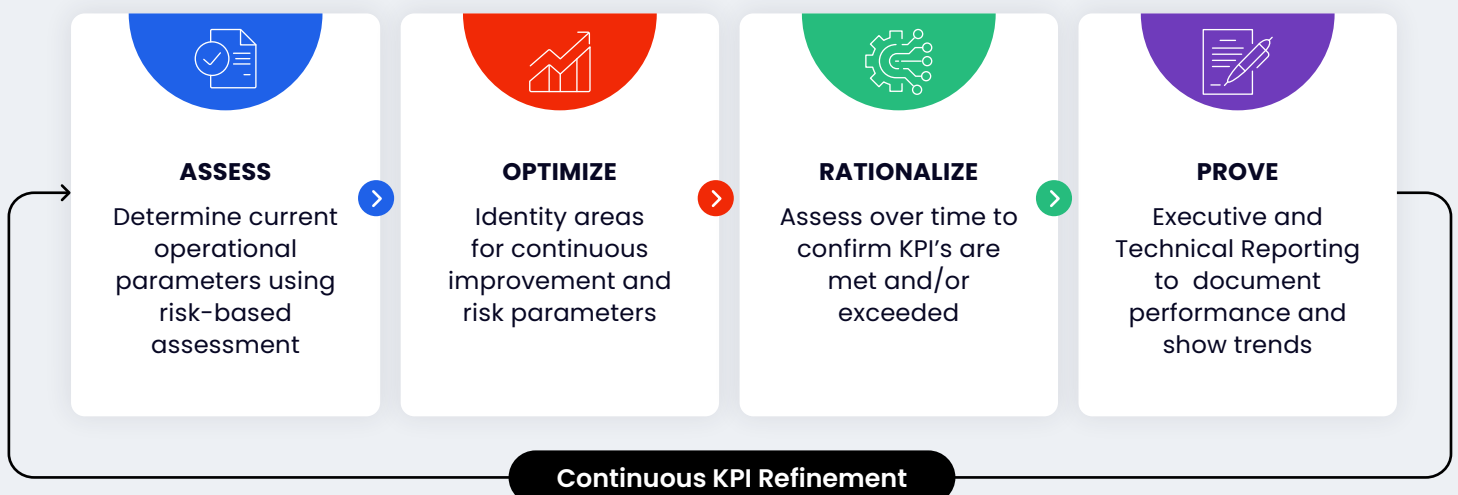
Overview

The Cymulate platform provides data-driven insights based on simulated attacks that proactively highlight high-risk security deficiencies and quantify risk. The platform translates technical findings into executive reports, allowing business leaders to track cybersecurity performance and risk management, leading to more informed decisions and ensuring that their strategy remains relevant and effective over time.

Cymulate assessments frequency and depth leverages a daily updated attack emulation library and automates attack emulation that covers the entire kill chain. This helps organizations stay resilient against the latest threats, allows them to quickly ramp up their defenses, and keep all stakeholders continuously updated about the current state of security. By focusing on material risks, using simulations to identify vulnerabilities, and demonstrating the effectiveness of security investments over time, Cymulate equips organizations with the necessary tools to make better-informed cybersecurity decisions and improve their overall security posture.

Benefits

- Automatically generated executive reports
- Enhanced protection of critical assets and information
- Focused metrics for data-based decisions
- Immediate risk assessment and security gap identification
- Improved communication with leadership
- Improved understanding of external asset relationships and dependencies
- Increased collaboration
- Risk Reduction

Define and Track KPI's with Cymulate

ASSESS
Determine current operational parameters using risk-based assessment

OPTIMIZE
Identity areas for continuous improvement and risk parameters

RATIONALIZE
Assess over time to confirm KPI's are met and/or exceeded

PROVE
Executive and Technical Reporting to document performance and show trends

Continuous KPI Refinement

Main Features

Automated reporting
Technical and executive reports provide a comprehensive overview of an organization's security posture and generate insights into where security is strong, where there are redundant tools, and where more resources are needed.

Security drift analytics
Quantified risk score evaluation enables global and granular trending, i.e., across email and web gateways, WAF, EDR, DLP, Lateral Movement, and more.

Real-time visibility into the security posture
Continuously running automated assessments ensure an always up-to-date overview of the threat exposure.

Comprehensive assessment
Access to over 120 000 ready-made attack simulation, with customization options.

Multi-perspective validation
The infrastructure can be evaluated through Attack Surface Management (ASM) to check exposed assets, Breach and Attack Simulation (BAS) to validate security controls and policy enforcement validation, or Continuous Automated Red Teaming (CART) capabilities.

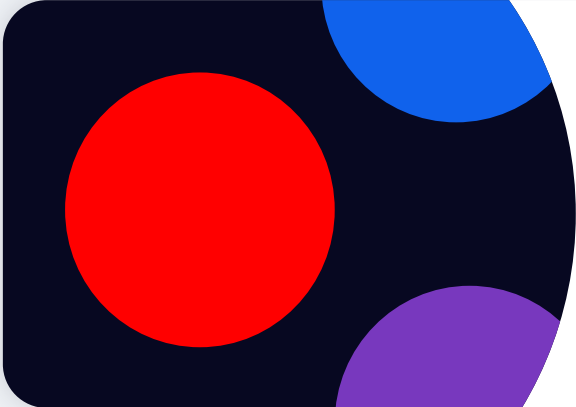## Case Studies and Customer Success Stories

" I showed our board of directors the comprehensive visibility that Cymulate provides, and they told me that we needed it before I even had the budget to purchase it. "

Liad Pichon,
Director of Cybersecurity, BlueSnap

" Cymulate improved our risk management and decision-making. "

Yoav Gefen,
CISO, Maman Group

Additional Resources

Cymulate

Four Cybersecurity Essentials for the Board of Directors

Read more

Backed by the Industry

Awards and Accolades

About Cymulate

Cymulate provides organizations with comprehensive security control validation and in-depth insights into breach feasibility. This modular solution addresses a wide variety of business and technical use cases and scales from out-of-the-box simulations to full customization for advanced attack simulations. With Cymulate, companies assess, optimize, rationalize, and prove their security program with minimal resource investment. Security professionals and business stakeholders leverage these insights to reduce cyber risk, justify investments, provide proof of security resilience to executive leadership, and gain evidence for compliance and regulatory purposes.

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

Start Your Free Trial

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