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Financial Services Organization Automates Testing to Measure Security Risk Across Over 10 Entities

Challenge

This regulated financial services provider has over ten European entities and branches worldwide. Each entity has its own IT environment, tools, security teams and processes, making it difficult for the organization to understand its security comprehensively. The company ran about 25 ethical hacking exercises a year, but they were manual, focused, point-in-time and did not extensively cover each entity's controls and environments.

The organization wanted better visibility of its security posture and to understand its level of risk across all its entities. Because there were so many entities involved, the company knew it needed a way to automate its security validation and wanted a cost-efficient solution that could also provide:

- Out-of-the-box assessments based on best practices that are continually updated
- Continuous control validation and quantification of risk
- Metrics to benchmark and improve security resilience

The Cymulate Solution

The information risk management (IRM) team chose Cymulate because it fulfilled all its requirements for a continuous security validation platform.

The company's IRM officer explained that the team uses Cymulate for:

Information security risk measurement

"Cymulate enables us to ensure all our security controls are working as expected. We worked step by step with each control and tested each one with Cymulate Breach and Attack Simulation (BAS) until we were happy with their performance. We then tested our controls more extensively with Cymulate BAS Advanced Scenarios."

Visibility of security posture

"Cymulate allows us to understand the level of our control effectiveness — we can validate our controls and policies, understanding which attacks would be prevented and which would be detected. We utilize the Cymulate expertise and continuously updated test scenarios."

Overview

Industry	Financial Services
HQ	Europe
Company Size	30K+ employees

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> Cymulate is a top-ranked BAS solution, easy to implement and measure risk, and all for a for reasonable price.
> — Information Risk Officer

Solution

- Breach and attack simulation (BAS)
- BAS advanced scenarios

Results

- Automate security validation on-prem and in the cloud
- Data-driven metrics
- Risk metrics across 10+ entities

Tuning internal security defenses

"The Cymulate assessment results and detailed reporting enable us to fine-tune and improve our defenses, mitigating risk. Sometimes, there are situations where, for business reasons, the mitigation is not possible, but at least Cymulate enables us to be aware of the risk involved in those circumstances."

Vulnerability prioritization

"Cymulate enables us to prioritize our vulnerabilities and focus on the most severe risks in our environments."

Benefits

- **Automation —** The organization automates security validation to cover every control across all environments, on-prem and in the cloud.

- **Customization —** The teams can customize and build their own chained assessments to test specific areas in their environments. These assessments can be shared and used across all the organization's entities.

- **Modular —** The organization can choose product modules that fit their needs with an option to easily add additional modules in the future.

- **Increased coverage —** By mapping assessments to NIST and MITRE frameworks and testing against the latest threats, the security team can evaluate its security posture against a broader range of known threats and improve its overall security resilience.

- **Strong customer support —** Cymulate product updates are frequent, and its service desk is available and responsive to address operational issues. Cymulate customer support also provides a knowledge base and user community forum with information about product setup and usage. The organization sees the Cymulate customer success team as a partner in its cybersecurity strategy.

About Cymulate

Cymulate, the leader in exposure management and security validation, provides the single source of truth for threat exposure and the actions required to close security gaps before attackers can exploit them. More than 500 customers worldwide rely on the Cymulate platform to baseline their security posture and strengthen cyber resilience with continuous discovery, validation, prioritization, and guided remediation of security weaknesses. Cymulate automates advanced offensive security testing to validate controls, threats, and attack paths. As an open platform, Cymulate integrates with existing security and IT infrastructure and drives the workflows of the exposure management process. For more information, visit www.cymulate.com.