OFFENSIVE SECURITY

Red Team Operations

Find Out Whether You Would Detect a Real Adversary

Penetration testing asks whether a weakness can be exploited. Red teaming asks whether your organization would know an adversary was there.

01 — THE CHALLENGE

Organizations invest heavily in detection and response technologies but rarely test those capabilities against an adversary actively trying to avoid detection.

A control can be configured correctly and still fail under real-world conditions. Red team operations test people, processes, and technology together against realistic adversary behavior.

02 — WHY ARCTIQ

Arctiq red team engagements are designed around adversary emulation and defined objectives, not vulnerability discovery.

We select tactics, techniques, and procedures aligned to the threat actors most relevant to the client's industry and geography. Objective-based scenarios test detection, response, and containment across the full intrusion lifecycle.

> Engagements can be black box, grey box, or assumed breach and can transition directly into purple team exercises that convert identified gaps into measurable defensive improvement.

03 — ADVISORY CAPABILITIES

- Objective-based adversary emulation
- Black box, grey box, and assumed-breach operations
- OSINT-driven reconnaissance
- Initial access and phishing scenarios
- Command-and-control infrastructure
- Credential access and privilege escalation
- Identity attack path exploitation
- Lateral movement and persistence
- EDR evasion testing
- Cloud pivot scenarios
- Covert exfiltration testing
- MITRE ATT&CK-aligned reporting

ENGAGEMENT APPROACH

MITRE ATT&CK | Adversary Emulation | Black Box | Grey Box | Assumed Breach

04 — BUSINESS OUTCOMES

Organizations gain:

- ✓ A realistic assessment of detection capability
- ✓ Validation of security controls under adversarial conditions
- ✓ Identification of detection and response gaps
- ✓ Greater visibility into identity and cloud attack paths
- ✓ Prioritized defensive improvements
- ✓ A defensible view of how the organization would perform against a real adversary

05 — WHY IT MATTERS

Security controls cannot be fully validated from configuration alone. Arctiq helps organizations understand whether their defenses can identify and contain an adversary operating under realistic conditions.

Plan a red team operation →

www.arctiq.com