

RED TEAM SERVICES

Arancia specializes in Red Team Exercises, advanced simulations designed to emulate real-world adversaries. These exercises uncover vulnerabilities, validate defensive capabilities, and identify security gaps that may go undetected through traditional security assessments.

What is Arancia's Red Teaming?

"Red Teaming" is a term that's used frequently within the cybersecurity space. Its meaning and purpose have evolved and are often being misunderstood due to vendor marketing and confusion around compliance requirements. Red Teaming is the process of using tactics, techniques, and procedures (TTPs) to emulate a real-world threat, aiming to measure the effectiveness of the people, processes, and technologies used to defend an environment. Red teams provide an adversarial perspective, challenging organizational assumptions about security, such as "we're secure because we patch" or "Technology Y would stop that." By doing so, red teams identify areas for improvement in an organization's operational defense.

why choose us?



Expertise & Experience

Our experienced cybersecurity team specializes in simulating real-world attacks and identifying vulnerabilities missed by traditional assessments.



Comprehensive Methodology

We follow industry standards aligned with the MITRE ATT&CK framework for comprehensive security assessments, including threat hunting, social engineering, and Dark Web evaluations.



Validation of Blue Team Readiness

Our exercises not only assess technical vulnerabilities but also validate the readiness of your IT and security operations team (Blue Team) to detect and respond to sophisticated threats.



Realistic Simulations

We simulate cyber-attacks to test vulnerabilities thoroughly, covering reconnaissance, planning, and execution phases for external breaches and insider threats.



Actionable Insights & Reporting

You get detailed reports with prioritized recommendations to enhance security defenses. Reports focus on critical vulnerabilities and offer a roadmap for mitigation.



Proven Track Record

Arancia offers tailored Red Team Exercises to enhance cybersecurity resilience for organizations, with a refined methodology from years of experience.

Red Team Goals



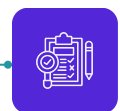
Access to Company Systems

Simulate breaches to gain access to critical systems and data.



Compromise High-Value Targets

Target and attempt to compromise crucial assets within the organization.



Comprehensive Assessment

Test the entire infrastructure, including physical and digital components, to identify vulnerabilities.

Red Team Exercise Approach & Methodology Overview

Arancia's Red Team Exercise approach is designed to emulate real-world adversaries and gain access to systems and involves realistic attack techniques by our elite cyber professionals.

Security Tests offered include:



Sophisticated Phishing Attacks



Social Engineering



Insider Threat Scenario Testing



Threat Intelligence



Dark Web Hunting

Our Approach



Planning

Define objectives, scope, and engagement strategy.



Reconnaissance

An impartial assessment to identify access points and vulnerabilities.



Exploitation & Post-exploitation

Realistic attack simulations across networks and applications.



Impact

Evaluation of business, operational, and security impacts resulting from successful exploitation.



Reporting

Detailed reports with prioritized vulnerabilities and mitigation strategies.

Arancia's Red Team employs a robust methodology involving:

01



Initial Compromise

Gaining access to target systems.

02



Establish Foothold

Ensuring persistent access for further exploration.

03



Escalate Privileges

Acquiring higher-level permissions to penetrate deeper.

04



Performance and Control

Moving horizontally across the network to expand influence.

05



Mission Completion

Achieving objectives without damaging assets.

Protect Your Organization, Proactively.

Arancia's Red Team Exercise Services are tailored to fortify organizational resilience against cyber threats through rigorous testing and strategic insights. Contact us today to safeguard your digital assets with confidence.

inquiry@arancia.ca