# Red Team Simulation

Simulate attacks and discover security gaps across your organization.

## Threat Landscape

According to the 2018 Ponemon Institute study by IBM, the average cost of a data breach is $3.86M, a 6.4% increase over the previous year. We live in a dynamic threat landscape and organizations struggle to keep pace with the latest tactics, techniques and procedures used by hackers. Malicious adversaries are more advanced than ever and have substantial resources to invest in their attacks. You can't afford to make headline news as the next victim of a cyber attack and need to iteratively test your security posture.

## Benefits

- Find out if your critical data is at risk and how a malicious adversary could steal it
- Evaluate the security of your organization against a real-world attack simulation
- Test your internal security team's ability to prevent, detect and respond to security incidents
- Identify complex security vulnerabilities before an attacker exploits them
- Get fact-based risk analysis and recommendations

## Service Overview

Arcutek's ethical hackers provide a safe way to test the security of your organization by simulating a real-world cyber attack using the same tactics, techniques and procedures sophisticated adversaries deploy in the wild.

We work with your organization at the beginning to identify the scope and objectives of the service, then define the rules of engagement. Our team will use any means necessary within the rules of engagement to achieve its objectives without causing damage to your infrastructure and resources.

Each red team simulation results in an executive report and 1:1 security consultation with our ethical hackers to review the work and make best practice recommendations to improve your security.

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Arcutek is a cybersecurity solutions provider to business, government, education and healthcare organizations in the United States.