Penetration Test

CyberCatch also provides a comprehensive Penetration Test (Pen-Test) service with our unique approach and value proposition.

Find security holes before attackers do.

Remediate promptly, stay safe.

Attack Surface Mapping

We think like the threat actors and first perform reconnaissance then detect all of your Internet-facing IT assets and human vulnerabilities.

Attack Simulation

Then we devise the Pen-Test and execute simulating an actual attack during off business hours and without your knowledge or it can be executed at a planned time on a need-to-know basis. The Pen-Test will always minimally include a data theft and ransomware, in addition to simulating other threats to your organization.

Experts and Expert Attack Tools

Pen-Test will involve our team of highly experienced 360 degree cybersecurity experts (former ethical hackers, red and blue team members), and use of a variety of hacking tools, some used by the bad guys in the wild, some proprietary to CyberCatch. It will involve our proprietary CyberXRay and CyberPhisher tools, among others.

Report Identifying Root Causes

What is unique about our value proposition is that the Pen-Test will not only identify the security holes in your network, but also non-compliance with cyber-security mandates, and the cybersecurity failures and root cause. Not just the problems, but what caused and how to fix the root cause. The detailed Report will provide specific recommendations to eliminate the root cause to prevent recurrence of security holes.

Expert Remediation Guidance

What is also unique about our value proposition is that the Pen-Test will also include access to our cybersecurity experts for specific guidance on fixing the problems via phone and zoom sessions, so the security holes are eliminated promptly and correctly to truly prevent a data theft or ransomware attack.

" CyberCatch was created to solve the root cause of data thefts and ransomware: security holes from missing or ineffective cybersecurity controls.

I am proud to endorse CyberCatch and serve as Board Advisor.

- Tom Ridge

CHAIRMAN, RIDGE GLOBAL; FIRST U.S. SECRETARY OF HOMELAND SECURITY

Incident Response Management

CyberCatch also provides a comprehensive Incident Response (IR) Advisory Service with our unique approach and value proposition. You must have a written incident response plan that is in compliance with cybersecurity mandates, and you must test it regularly.

CYBER INCIDENT SIMULATOR

Scenario: Ransomware

Cost of Non-Compliance and Inadequate Cybersecurity Controls:

$9.4M

▶ *AVERAGE COST*
DATA BREACH

$4.5M

▶ *AVERAGE COST*
RANSOMWARE

SOURCE: IBM

SERVING CRITICAL SEGMENTS

- Defense
- Manufacturing
- K-12
- Public
- SMBs
- Enterprise

Incident Response Plan Compliance Assessment

We will review in depth your written incident response plan and make sure it is in full compliance. If not, we will quickly assist to attain full compliance. We will benchmark it to the best in the industry and make sure it is appropriate for your cyber risk posture and profile.

Incident Response Plan Mapped to Attack Surface Map

We will make sure your incident response plan is mapped to your Attack Surface Map. This way it will be capable of detecting a cyber incident early. This is key to a highly effective incident response plan. If you don't have an Attack Surface Map, we will complete one, and assist you in making enhancements to your incident response plan.

Incident Response Experts and Cyber Incident Response Tools

The service will involve our team of highly experienced 360 degree cybersecurity experts (former red and blue team members, and incident response experts), and use of a variety of incident response evaluation tools.

Incident Response Test and Cyber Incident Simulator Tool

What is unique about our value proposition is that the IR service will involve testing your incident response plan that will not only identify gaps, blind spots but also a true measure of your organization's capability to survive a data theft and ransomware attack. Not just the problems, but what the root cause of the deficiencies and how to fix the root cause. We will use our proprietary Cyber Incident Simulator Tool facilitated by one of our incident response experts to perform a test of your incident response capability and generate a detailed report with specific reccomendations to eliminate the root cause to strengthen your cyber resiliency.

Expert Guidance

What is also unique about our value proposition is that the IR service will also include access to our cybersecurity and incident response experts for specific guidance on fixing the problems via phone and zoom sessions, so weaknesses are eliminated promptly and correctly to truly prevent a data theft or ransomware attack from causing you harm.

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