CYBER THREAT DEFENSE

Let us help secure your business!

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CT DEFENSE

Web Application Security

The primary objective of a web application penetration test, is to identify exploitable vulnerabilities in applications before hackers are able to discover and exploit them.

Web application penetration testing reveals real-world opportunities for hackers to compromise applications in ways that allow unauthorized access to sensitive data or even system take-overs for malicious purposes.

In our testing we include everything:

Injections: SQL, XSS, CSRF

Authentication tests and Session Management

Sensitive Data Exposure checks

Broken Access Control

Security Misconfigurations and Security Misconfigurations

We understand your applications

Our application pen testers also have experience developing software — not just trying to break it. They leverage this experience to zero in on critical issues and provide actionable remediation guidance.

Identify application security flaws in the environment
Understand the level of risk for your organisation
Help address and fix identified application flaws
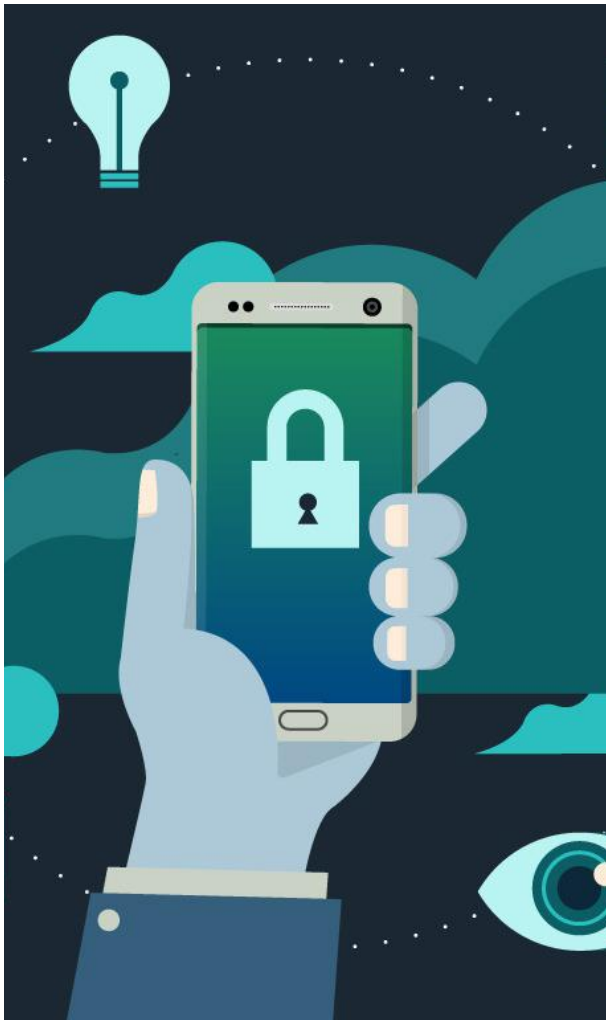
Mobile Application Security

As application security experts, it is our mission to define and promote mobile application security.
Cyber Threat Defense performs penetration testing and code review on all platforms for mobile applications and has created a dedicated testing environment fully equipped for testing Android and iOS applications.

During testing, we simulate a multitude of attacks, both general application attacks and mobile dedicated attacks.

The testing simulates a real hacker and what he can do to penetrate the application and retrieve confidential or sensitive data.

Based on OWASP Mobile security

When testing the security of mobile applications our security team uses the framework from OWASP mobile project which is one of the most complete and worldwide appreciated by experts.

Part of the security checks can be seen bellow:

M1: Improper Platform Usage
M2: Insecure Data Storage
M3: Insecure Communication
M4: Insecure Authentication
M5: Insufficient Cryptography

M6: Insecure Authorization
M7: Client Code Quality
M8: Code Tampering
M9: Reverse Engineering
M10: Extraneous Functionality

External Penetration test

Best method to simulate an actual external attack is to execute an External Penetration test. The security team is not provided with any real information about the target environment (other than IP address), and they must covertly collect information before the attack.

External pentest includes everything from web application security, web servers, services, physical security, phishing attacks, Denial of Service and many others
Our security team will try to find all the ways that will allow an attacker inside the company network.
The vunerabilities discovered are reported back to the client in easy to understand manner.
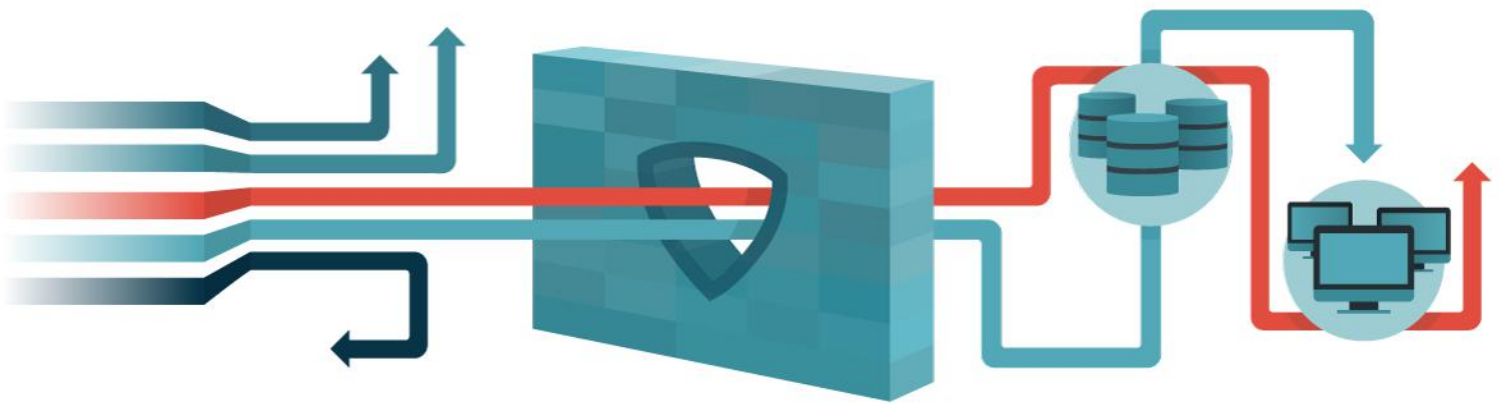
- Realistic attack scenarios which portray actual results and methods of an attacker
- Covering all public areas from the network from services, applications, servers, IPs
- Clearly explained step-by-step definitions of each and every vulnerability
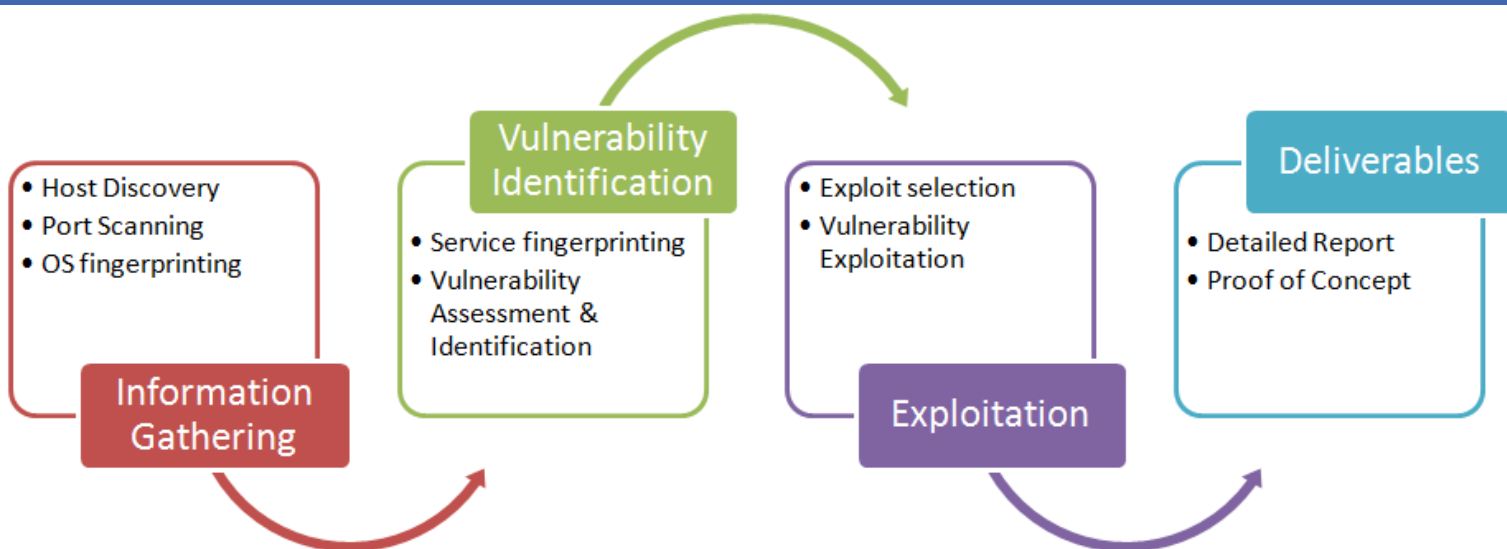- Remediation support

Internal Penetration testing

Internal security assessments are simulating the scenario when the attacker has already infected one of the employees PC or a server.

Internal pentests determine what is the biggest risk in case of an already breached network and how far the attacker can go. In this type of assessment the CTD security team will have access to the company network without any knowledge about network configuration or architecture.

The security team will try to detect all weak points from inside the network and will try to escalate their privilege until they will have complete access.

General Internal network approach

- Host Discovery
- Port Scanning
- OS fingerprinting

Information Gathering

Vulnerability Identification

- Service fingerprinting
- Vulnerability Assessment & Identification

- Exploit selection
- Vulnerability Exploitation

Exploitation

Deliverables

- Detailed Report
- Proof of Concept

Other services

IoT Security

CTD's IoT Security solutions are driving innovation so that we can all realize the benefits of a totally connected world.

When securing IoT we take care of: the device, the cloud infrastructure, the network.

Web services security

We have experience testing every major type of web service, including SOAP, REST and custom protocols, and can work with any form of authentication, from OAUTH tokens to client certificates and custom digital signatures.

Anti piracy actions

Investigations

In case your software products are pirated we can investigate and can take the right actions to stop piracy and software theft

Training and consultancy

Experience the industry's most realistic penetration testing security training courses. Taught by the ethical hackers that went through hundreds of pentests.

Our clients

We have excellent collaboration with:

moqups

XOOMWORKS
ENGAGING PEOPLE

ARLINGTON
CAPITAL MANAGEMENT

AdvisorArmor

GIBSON | WEALTH
ADVISORS LLC

EVOZON

arnia
SOFTWARE

Col\ecteurs

holmusk

Integrity Capital L.L.C.
Putting Capital to Work For You

StackHive.

M
MONROE

DevPro

SAVEANDLOAD

SUMMIT
FINANCIAL PLANNING

CYBER THREAT DEFENSE

STRAIGHTFORWARD AND TO-THE-POINT CYBER SECURITY

WE HELP CUSTOMERS SECURE THEIR BUSINESS

Cyber Threat Defense is the first company from Cluj-Napoca specialized in software security services offered to clients all over the world.

REAL HACKERS MINDSET

We're a team of professionals with years of experience in various security services, a passion for research and staying up to date with the latest security trends and a background that gives us a thorough understanding of security controls and their specific weaknesses.

PERFORM WITH EXCELLENCE

Armed with proficiency in multiple security application tools, network technologies and operating systems, as well as a knack for translating complex security aspects into business terms, we cover a wide range of industries from E-commerce, Medical, Telecommunication, custom software products and many others.

INDUSTRY BASED PENETRATION TESTING

Let us help secure your business

Contact Us!

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