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# **About White-Hat -** *True Resilience Built on an Attacker’s Perspective*

Based in Israel, with a team of 70 experts, many of them veterans of elite cyber units in the Israeli military, we focus on proactive cyber defense customized to our customers’ needs.   
Since 2013, we have handled some of the most sophisticated attacks in the world, and continue to do so daily for governmental, banking, insurance, aerospace and energy organizations worldwide.   
White-Hat harnesses its unique Cyber perspective and methodologies to protect our customers with effective, swift and practical solutions. Always one step ahead of our adversaries, we provide our customers with solutions that block the threats of today and counter the threats of tomorrow.

# **What Differentiates Us - *A Proactive Hands-On Approach***

* **An Attacker’s Mindset**

Our team brings together a group of hackers, who are active members in live hacker communities. This positions us on the attacker’s end, with an attacker’s perspective, understanding and mindset, and makes all the difference in the world. The enormous gap between the defender and the attacker is the key facilitator for most successful attacks.

* **We Don’t Just Tell You What’s Wrong, We Fix It**

White-Hat provides customers with an end-to-end Cyber resilience solution, from recording an attack (payload/silver bullet) to exploiting vulnerabilities and blocking them. With our hands-on approach, we actually solve the problem and bring the customer back to a business-as-usual mode. We don’t just consult, or provide a list of forklift requirements, leaving the customer with a mission-impossible task – we act. No tasks left open – ours is a true game-over solution.

* **Experience with Challenges on a National Scale**

Our team comprises talents from Israel’s elite Cyber military units of the highest caliber, who have a wealth of experience with high-impact projects. The Israeli military uses superior technologies to counter formidable threats, with an intensity and sense of purpose that provides the most challenging Cyber training available.

* **Fueled by Current Cyber Trends**

Our team is always up-to-speed with the latest trends, attacks and events in the cyber ecosystem. Whenever a new breed of attack surfaces, we are immediately fueled by it, using it as inspiration for silver bullets, or focused simulated attacks. The cycles of cyber-attacks are extremely short, so in order to ensure our relevancy, we live and breathe the attacker community. While many large vendors find it challenging to keep up, our agility allows us to easily align with this swift pace. Our customers never have to ask – their defense is regularly updated with up-and-coming new tools on a regular basis.

* **Our Skills, Your In-House Tools**

Our offering is the hands-on services of our elite professionals. We don’t sell products, so our only focus is providing a practical, robust solution for our customers with their existing systems. With our services, you’ll receive exactly what you need – full Cyber resilience, without any requirements to replace company infrastructure. Providing custom services rather than products, we are not bound by any schedules, considerations or interests other than protecting our client, staying on top of the Cyber ecosystem, and creating counter measures for current attacks.

# “Eye of the enemy” - about

Increased spending does not always translate into greater security capability. The number of cyberattacks increases, takes more time to resolve, and the cost of cybercrime continues to rise

PROBLEM

Security leaders are accountable for maintaining security posture that fits in broader organization’s risk tolerance. However, products and point solutions do not always reduce the risk of a significant data breach due to constantly changing and evolving attack techniques

VALUE

**Proactive:** Test yourself before the attack reaches your organization

**Speed:** We deliver 24X7 research. Within hours you will get notification on new threats

**Risk-based:** You select the vector/payloads that are most valuable for your business

**Detection and Response:** Out threat intelligence is always on alert looking for new attacks

NEED

**Proactive:** CISOs today need to make sure that there is a bias toward being proactive with their security programs and architecture

**Speed:** Move with the speed of digital business

**Risk-based:** Shift to risk-based decision making and away from checkbox compliance

**Detection and Response:** Invest in detection and response, and stop trying to perfectly protect the organization assets

SOLUTION

EOTE platform imitates attackers' actions and workflows, from intelligence and reconnaissance to actual attacks simulation.

WHITE-HAT's attack tools will bypass existing defenses. However, deploying the 'defense rules' developed by our team in the client’s defense systems will ensure the organization's safety. **WHITE HAT will provide you with the full circle - Offence & Defense**

IMPLICATING

**Eye of the Enemy** is a WHITE HAT platform imitating the attackers' actions and workflows, from intelligence and reconnaissance to actual attacks simulation.

WHITE-HAT's attack tools will bypass your defenses - that's guaranteed.

However, deploying the 'defense rules' developed by our team in your defense systems will ensure your organization's safety.

WHITE HAT will provide you with the full circle - Offence & defense.

Our platform allows our client to keep track of the payloads and defense rules executed and deployed, enabling him to have a clear view of where he stands.

A special notification window will alert our client when a new Payload/Defense rule is being added, keeping our client up to date with recent attacks happening

Being an offense-based solution Eye of the Enemy uses MITRE ATT&CK® framework.

Our payloads cover the following vectors:

* Initial Access
* A screenshot of a computer

  Description automatically generated with medium confidencePersistence
* Privilege escalation
* Data exfiltration
* Letteral movement
* Mail bypass
* System bypass
* Misconfiguration

**Going Proactive!**

# 

# Executive Summary

# 

# Attack Emulation

{#scenarios}

# Scenario {scenarioNumber} - {scenarioTitle}

**Difficulty realizing the threat: {scenarioDifficulty}**

**Level of impact: {scenarioImpact}**

**Tactic – Code Execution and Persistence**

**{tactic}**

**Description of the attack**

**{description}**

**Attack flow**

**{#attackFlow}**

**{%imageTag}**

**{/attackFlow}**

**Proof of Concept**

**{#photos}**

**{%imageTag}**

**{/photos}**

**Mitigations**

{#recommendations}

* {.}

{/recommendations}

{/scenarios}