

Active Defense Deception

Cybersecurity prevention at the service of your company

We pay the hackers back in their own coin using the same defenses and techniques that malware uses against computer systems by modeling the attackers' decision-making process.



How does DECEPTION work?

It works like a malicious code by responding to attackers during the early stages of preparation with dynamic techniques designed to ensure that the conditions never exist to go to an executive and more advanced stage of the kill chain.



Reconnaissance

In this stage, the attacker collects information about the victim. This can include information about system vulnerabilities, security policies, personnel details and more.



Once the information is gathered, the attacker creates a weapon, such as malware or an exploit, that can exploit identified vulnerabilities.



Once the weapon is in the victim's system, the attacker exploits the vulnerability to execute code or commands on the victim's system.



Exploitation



The attacker installs a backdoor or other type of persistent access to the victim's system, allowing him to maintain access even if the original vulnerability is fixed.

Taking Command / Control

The attacker establishes a communication channel with the compromised system, allowing him to control the system and execute further commands.



Action

Finally, the attacker performs the actions that were the target of the attack, such as stealing data, destroying systems, creating a botnet, etc.



Delivery

The attacker hands the

weapon to the victim. This

can be done through

phishing emails.

compromised websites,

infected USB devices, and

other methods.

Preventive Defense

Making the injected malware believe that it is in an unattractive/dangerous environment, so that the malicious code does not find the conditions to go to the next phase of the attack.



Proactive Defense

Dynamically respond to threats as they evolve, based on the instantly detected stage of compromise and changing the outcome of the attack itself.

How does the DECEPTION service work operationally?



Software installation

We install software on all company workstations that constantly communicates with our control center.



Constant check

We constantly monitor the infrastructure through our operations center manned by expert technicians, available 24/7.



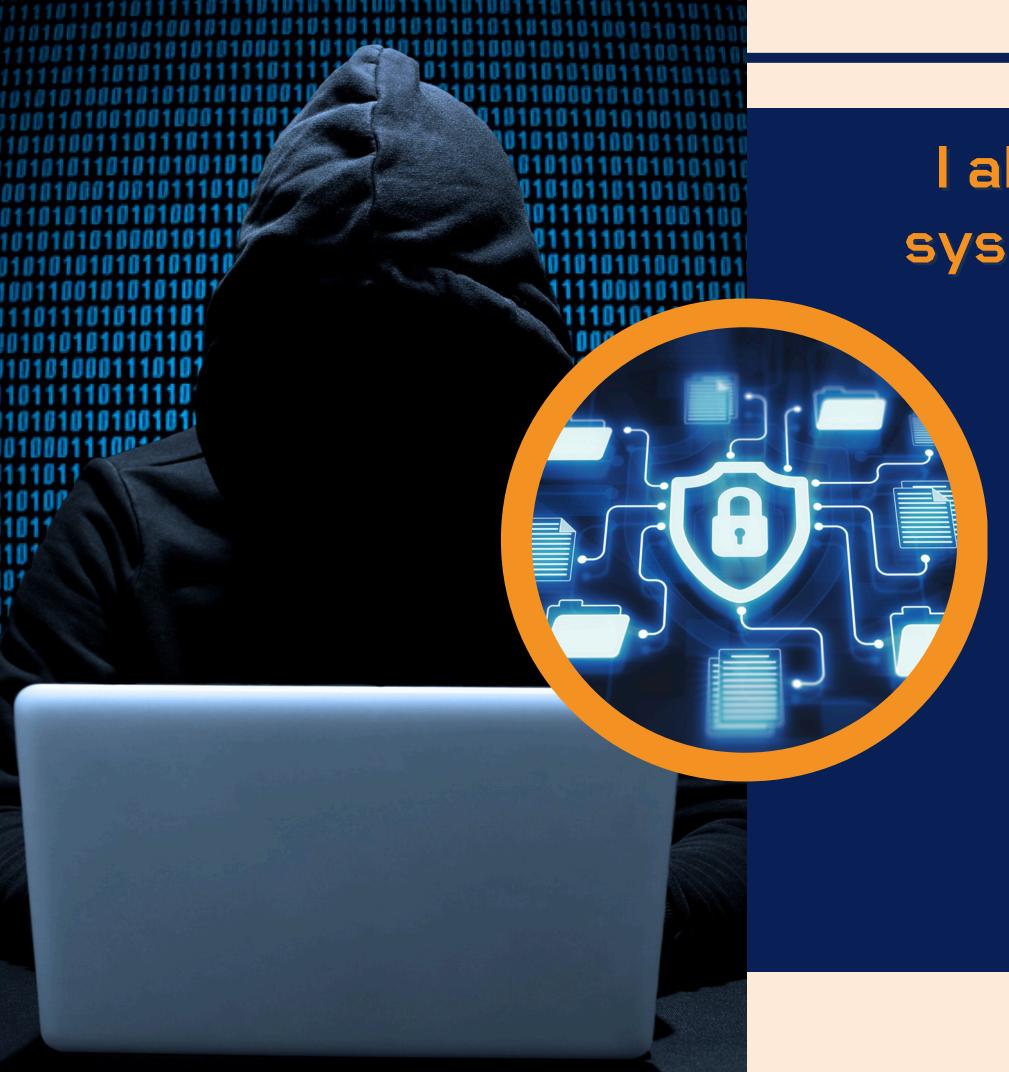
Interception

We identify the attempted attack by Malware even before it can proceed operationally.



Intervention

We intervene immediately and inform the customer to better analyze the dynamics of the event.



I already have other security systems, why should I activate Deception?

Enabling Deception as a complement to existing defense systems helps make enterprise security more comprehensive and resilient.

It fits perfectly with the solutions already in place to increase the overall security of the system and above all with respect to defense solutions (e.g. SOCaaS, EDR, Antivirus) that block the attack, this service puts in place a solution that prevents the attack from starting, acting first and preventing the attack.

Discover our services



Protects against unknown and sophisticated threats

What can Deception do for your business?

In an ever-growing advanced threat landscape, one solution is making a difference, providing multi-stage protection that dynamically responds to threats as they evolve and beats the bad guys at their own game.

Over 99.9% prevention rate against ransomware and malware.



Identify potential data leaks



Prevents damage to data and resources



Reduces reputational risk



Protect remote employees



Improve the IT resistance of your company



For over 10 years a leader in the Cybersecurity and Security sector

Cyberfero is a Managed Security Service Provider (MSSP) specializing in providing comprehensive security solutions for businesses of all sizes. As a trusted partner, we offer a broad range of security services designed to protect your organization from cyber threats, data breaches and other security risks.

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