CYBERTRAP

Security Challenges of New Techologies

Holger Sontag

Trends

Block-Chain

Automation

AI

Digitalization

IoT

Digital Centralization

Connection Speed

Monitoring

Data Overload

Common Ground

IT based Technology

Connectivity

Data Management

IT infrastructure

Open to attacks?

New Threats

Spectre/ Meltdown

DDoS on IoT

Operational Techology

NSA

Shadow Borkers

Bundes-Trojaner

Warfare

Ransomware

Malware

Spear Phishing

Phishing

Old Enemies with New Tricks

Inside jobs

Human Attackers

Political Motivation

How to secure?

Attacks on 3rd Party Vendors

Exploits in Software

Prevention

At/up to which point?

Against what?

Updates?

Detection

At which point?

How to detect?

Updates?

Anomaly based?

Monitoring and Response

Too late?

Impact?

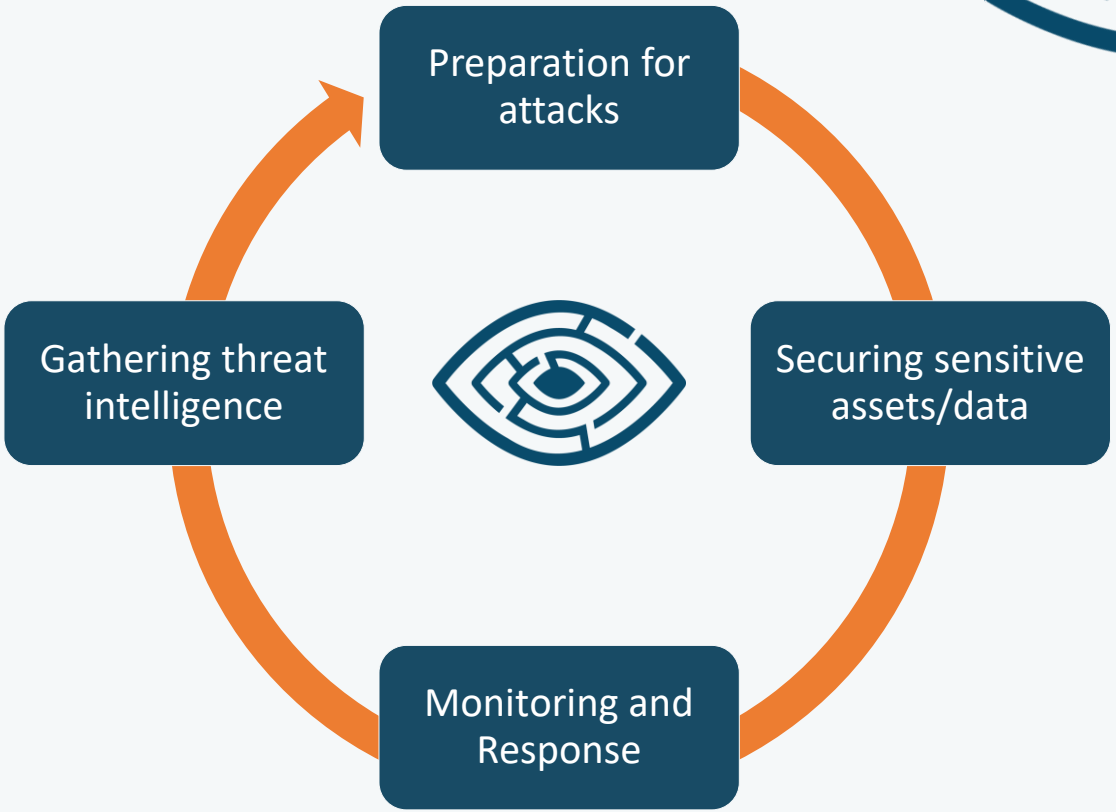
Expensive

Time consuming

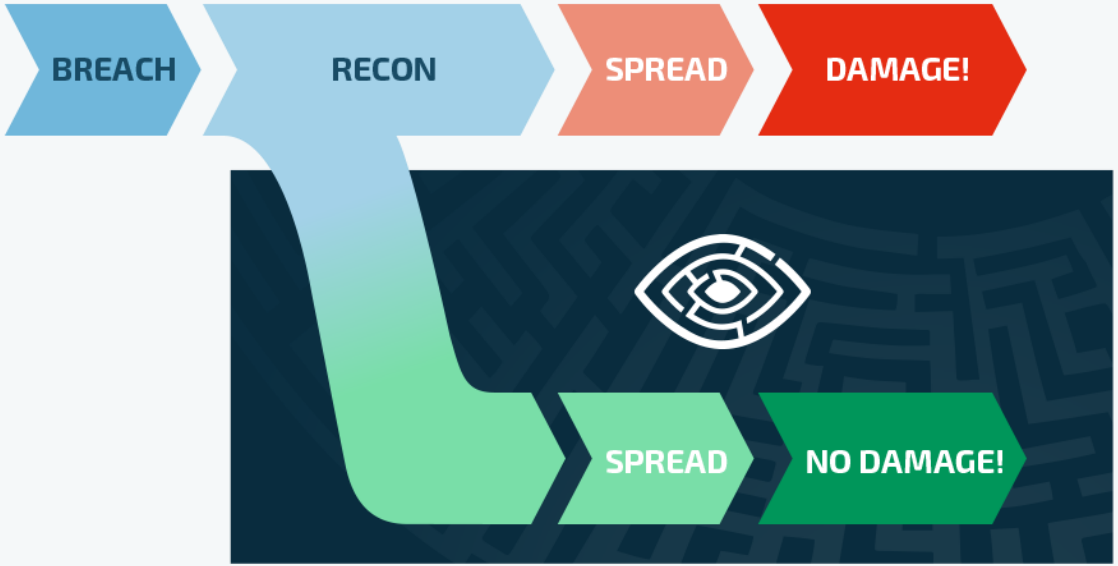
Requires knowledge (signatures…) to work

Where does it come from?

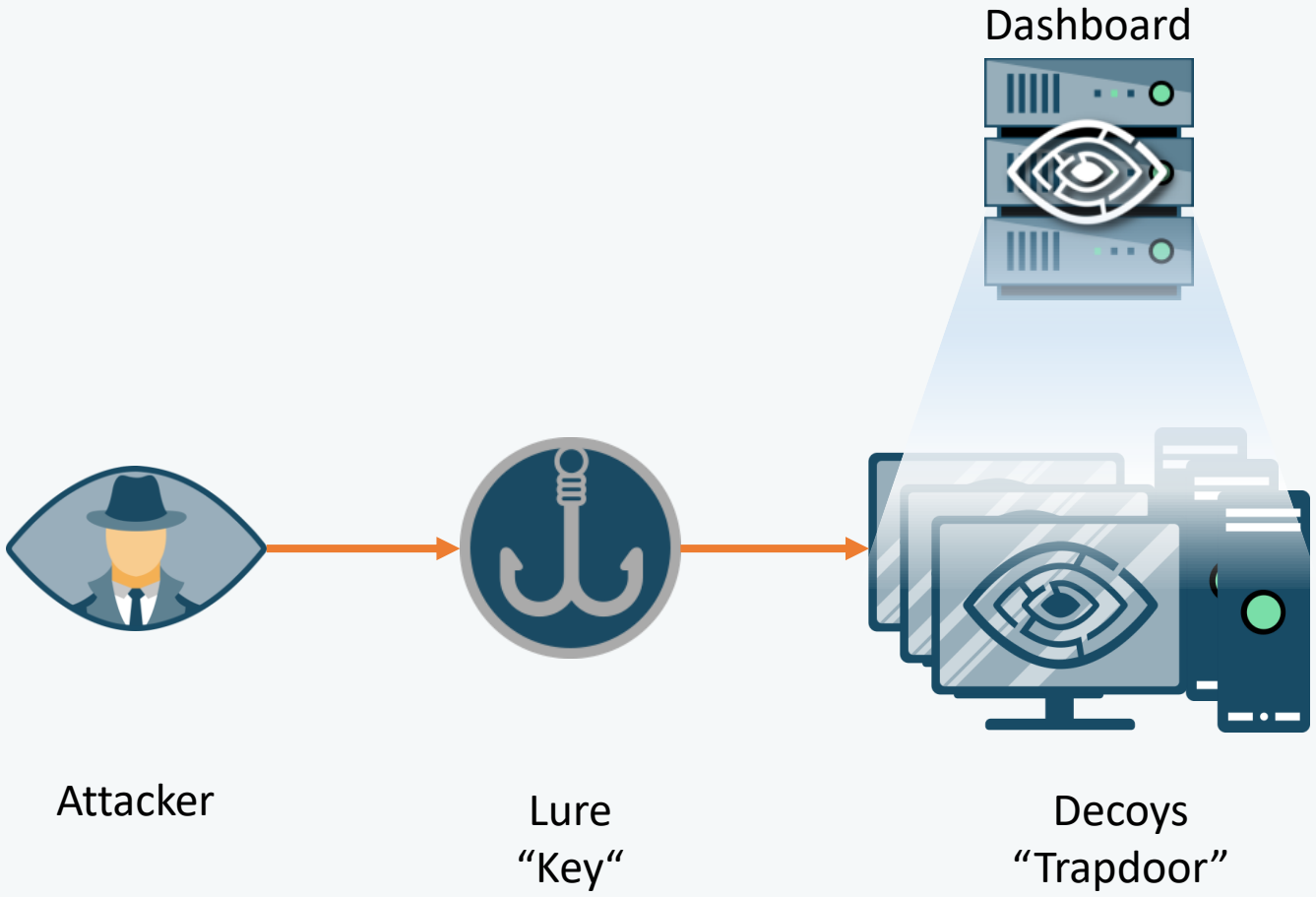
Requires expensive knowledge gathering


Preparation for attacks
Securing sensitive assets/data
Monitoring and Response
Gathering threat intelligence

Divert attackers into a monitored environment…



… where they can do no harm.


Dashboard
Attacker
Lure
“Key“
Decoys
“Trapdoor”

CyberTrap Contacts

office@cybertrap.com
T +43 1 890 47 00
W www.cybertrap.com

Holger Sontag

Cyber Security Consultant

+43 676 840 301 200

h.sontag@cybertrap.com

CyberTrap Software GmbH
Eßlinggasse 7/3
1010 Wien