



**Hacknowledge**

# Security Monitoring Services

Swiss, Simple, Efficient

Microsoft Partner



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# Who we are

and what we do

# ABOUT US


Simple, efficient, cost effective, all-inclusive solution to monitor and detect IT security threats More than just a SOC or a SIEM

Leverage your existing security solutions/devices

Shorten the time between breach & detection

Swiss made software and hosting  
ISO 27001 certification

Luxemburg 

 Morges (HQ), Switzerland

# OUR VALUES

## Independent



Hacknowledge is an independent provider of enterprise security monitoring solution.

We do not re-sell any product or service.

## Fair



We believe that security monitoring can be simple and cost-effective, we will leverage your existing security solutions and devices.

## Effective



We focus on efficient, secure and reliable components. We do not (re)sell magic solutions, we will not make you un-hackable.

We will help your company identify IT security threat and shorten the time between breach & detection.

## Agile



Hacknowledge develops, runs and operates its own software and hardware solution

# OUR SERVICES



Cyber monitoring



Offensive security



Digital forensics



Security academy

# MICROSOFT SECURITY SQUADRON

## MSS SQUADRON

This is the Hacknowledge team with certified and experienced engineers who lead Microsoft Security project and Sentinel SOC deployments.



Gold  
Microsoft Partner



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## Why do you need us?

High expertise and comprehensive tools



# +100

The median number of days an organization was compromised in 2018 before the organization discovered the breach (or was notified about the breach)

Source: IBM 2020



# CYBERSECURITY CHALLENGES



## Expertise and staff

Each security appliance needs its own security expert to manage it properly



## Day to day

You probably do not have the time to proactively exploit the existing logs that you may already have



## Budget

(Unfortunately) you do have a limited budget



## Leverage the existing

You may already have invested a lot in IT security... so you should leverage the existing



## A needle in a haystack

You probably realize that analysing your logs to identify security threat is as close as finding a needle in a haystack



## Share/monitor/info feed

You have to adapt your defence to the threats targeting your organisation... but those threats may be difficult to identify

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# Our solution

Introduction and benefits

Hacknowledge concept

**All in one service to help  
your team focus on  
actionable events**

# FROM NOISE to RELEVANT THREATS



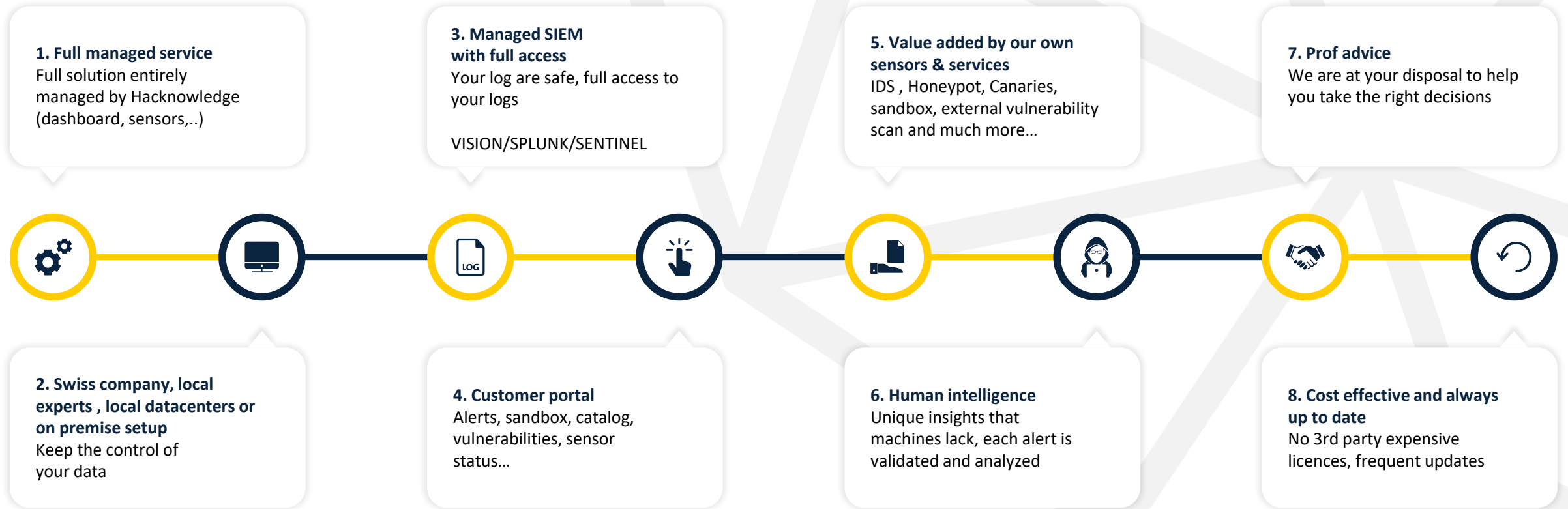
# WE AIM AT

- Generating strong signals
- By better exploiting your logs and those generated by our sensors
- Covering your on premise or cloud based services
- Leveraging the use of your existing devices
- While monitoring threats targeting your company

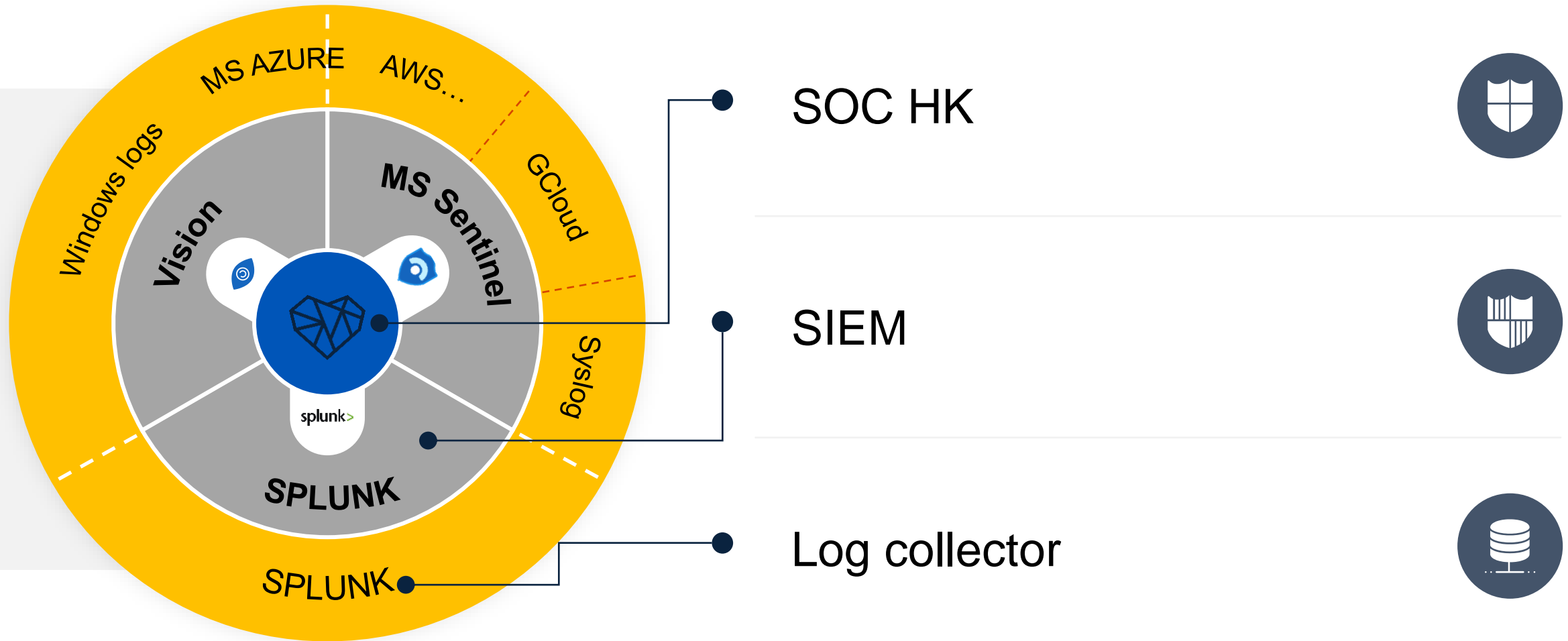
# YOU ARE BUYING

- Qualified and actionable alerts
- Visibility through dashboard and reports
- Access to expertise
- Full managed service
- Access to various solutions and features: IDS, vulnerability management, sandbox, awareness, pen-testing, honeypots, etc.

# HACKNOWLEDGE SOC FEATURES



# VARIOUS SET-UP POSSIBLE



# HOW WE DO IT

## Our sensors

As many as needed to increase granularity and enhance detection capabilities



Several features  
Passive devices  
Managed by Hacknowledge  
Updated every day

## Your logs and devices

To decrease the likeliness of false positives

```
2003:14:56:50 +0200] "GET
rgastiria/Week-7/filetype.c.txt HTTP/1.0"
0" 200 869
/2003:14:57:33 +0200] "GET
0" 200 869
03:14:58:25 +0200] "GET /-lpis/systems/r-
.html HTTP/1.0" 200 16792
/2003:14:58:27 +0200] "GET
apter1.html HTTP/1.0" 304 -
n/2003:14:59:11 +0200] "GET /robots.txt
n/2003:14:59:12 +0200] "GET
'/1.0" 404 286
2003:14:59:45 +0200] "GET
l HTTP/1.0" 200 48966
i.html HTTP/1.0" 200 48966
ions.html HTTP/1.0" 200 48966
```

Exploit the full audit trail  
Leverage the use of your existing device/solutions

**Detect lateral movements**  
**Correlation**  
**Better detection**



# SENSORS COMPONENTS



## Our Sensors

- › Custom development
- › Optimized
- › Hardware or virtual
- › Managed by Hacknowledge
- › Many interfaces

### Sensor's characteristic

- › 4 x SFP+ 10 Gbs interfaces
- › 6x 1Gbs copper interfaces
- › 8 cores processors
- › 16G Ram-Disk (all logs are cached and managed in RAM to extend SSD life)



### Log collector

- › Push / Fetch
- › Cache and filter
- › Local correlation
- › Enrichment and tech partnerships



### IDS

- › Span , tap , rspan
- › Managed by Hacknowledge
- › Different feeds
- › CIRCL, FIRST, Commercial, Gov...



### Honeypots

- › As many as needed
- › Low or high interaction
- › Different services : file, web, VOIP, DB,...



### Vulnerability scanning

- › Launched from sensor
- › Provides you with visibility
- › Helps to prioritize and understand alerts

# CUSTOMER PORTAL

- All security alerts and status
- Sensors status and characteristics
- Discovered vulnerabilities on systems with tag and severity filter
- Access to a sandbox for files and URL analysis
- Portal users creation and management
- Secure file exchange environment
- ... and many more

The screenshot displays the Customer Portal interface. On the left, a vertical sidebar contains navigation icons. The main content area is titled "Security Issues" and lists several items:

- #338: Start Date: 2018-4-10 07:05:36, Created At: 2018-4-10 07:39:12
- #334: Start Date: 2018-4-9 06:53:26, Created At: 2018-4-9 07:59:01
- #340: Start Date: 2018-4-10 09:53:00, Created At: 2018-4-10 08:54:14. Description: [SCAN] Massive Nessus scan Resolved. Severity Level: 2. Resolution: FalsePositive. Summary: It was a known Ne. Tags: scan, web.
- #339: Start Date: 2018-4-9 16:10:17, Created At: 2018-4-10 07:39:24. Description: [TECH] -sensor1 management cable disconnected Resolved. Severity Level: 2. Resolution: FalsePositive. Summary: the sensor is up a. Tags: suricata, prod, HWm2.

Below the security issues, there is a section titled "Please select a Customer" with a search input field. Below that, there are filter buttons for "msvrt", "ope", "res", "unist", and "Add another tag". A list of IP addresses is shown with checkboxes:

- .188.91
- .188.159
- .188.155
- 188.158
- 254.254
- 254.247
- 254.215
- 254.213

# RECURRENT REPORTING



Executive summary



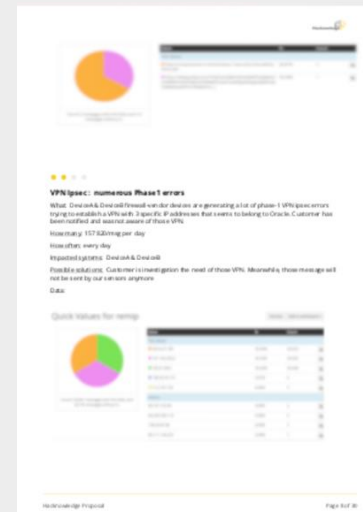
Latest period summary



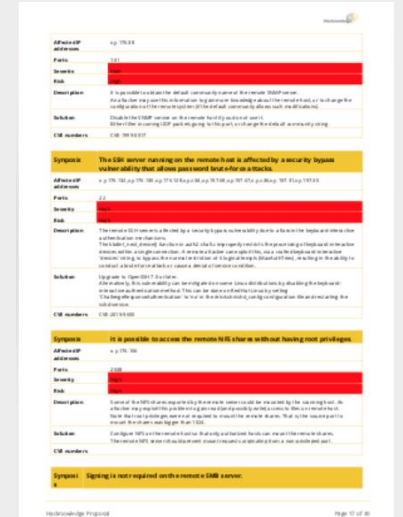
Vulnerabilities & priorities



Exposure on the internet



Relevant security news



And more

# OTHER FEATURES

## OTHER FEATURES AND SERVICES



01 Keyword monitoring (threat intel)

02 Canaries

03 Sandbox

04 Managed EDR

05 Vulnerability management

06 Pentesting

07 Phishing tests

08 User awareness content & sessions

09 Incident response

The screenshot displays the HacknoPhish dashboard. At the top, there's a navigation bar with 'HacknoPhish', 'Campaigns', 'Recipients', 'Sessions', 'Incidents', 'Settings', 'Support', 'Status', and 'Tools'. Below this, the 'Campaigns' section is active, showing a search bar and a table of campaigns. The table has columns for 'Tune', 'Status', 'Client', and 'Benchmark Sector'. Two campaigns are visible:

Tune	Status	Client	Benchmark Sector
Analyse #6	Report	usb_network_gate.exe	usb_network_gate.exe
Analyse #5	Report	CH341SER.EXE	CH341SER.EXE

Each campaign entry includes a 'Report' button and a 'Status' indicator (green for 'Analyse status'). The detailed view for 'Analyse #6' shows the file path 'usb\_network\_gate.exe' and the analysis status 'Analyse status: Analyse'. The detailed view for 'Analyse #5' shows the file path 'CH341SER.EXE' and the analysis status 'Analyse status: Analyse'. Both analyses include a 'Report' button and a 'Status' indicator.

# 04

## Pricing

and options

# PRICING MODEL



**CAPEX**

Setup - One time fee



**OPEX**

Yearly fee including everything



**SIMPLE**



**PREDICTABLE**



# Thank you! Questions?

(See you soon)



# Hacknowledge

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