



Next-Gen Vulnerability Management

Be one step ahead of cybercriminals

- Presentation of participants
- Holm Security
- Our platform & uniqueness
- Demonstration
- Next steps



Next-Gen Vulnerability Management



700+ customers

90% recommend
Gartner

RED HERRING
WINNER
100
EUROPE

STRONG PERFORMER



Holm Security VMP Reviews
by Holm Security in Vulnerability Assessment
4.4 ★★★★★ 42 Ratings



5.0 ★★★★★ Aug 4, 2021

Easy to use, capable, and constantly improved Vulnerability Management platform

Reviewer Function: IT Security and Risk Management Company Size: 50M - 250M USD Industry: Manufacturing Industry

The Holm Security platform is a great fit for our organisation and has helped us to better control vulnerabilities and phishing awareness. Premium support is a valuable addition for us, because it enabled us to reduce some of the work required to set up and improve the platform.

5.0 ★★★★★ Jun 7, 2022

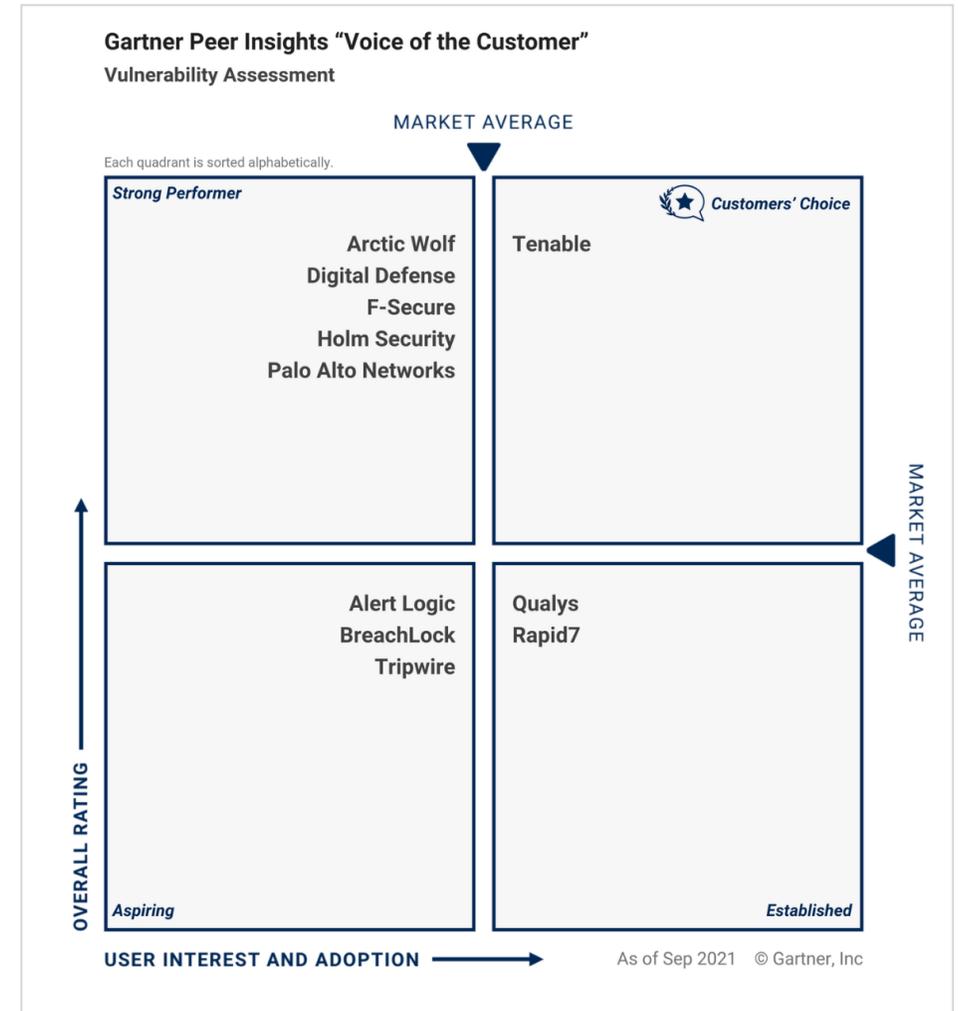
Helps to learn about potential threats .

Reviewer Role: Analyst Company Size: 30B + USD Industry: Finance Industry

Holm security offers security with genuine information into dangers then they react quickly and resist their growth. It also equips staff with the knowledge to spot and respond to assaults when they occur. The whole platform is self contained by saving time.



[Click here to read more reviews at the Gartner Peer Insight website](#)



CUSTOMER EXAMPLES

700+
customers

AutoBinck
Group



ALFEN
POWER TO ADAPT



WALLENSTAM

stadium®

VIKING LINE



Strål
säkerhets
myndigheten



REGION
SÖRMLAND



 Perstorp

bāma

Wasa Kredit 

ONEMED

Intergamma

Max Matthiessen
Willis Towers Watson



THE WORLD OF OUR CUSTOMERS



Lack of resources



Lack of insight & control



Reactive cyber security



**New & existing
regulatory demands**



**Challenges to
measure & report**



Phishing



Ransomware



Software vulnerabilities



Supply chain attacks



Cloud misconfigurations



Next-Gen Vulnerability Management



Unparalleled Attack vector Coverage

Cover every corner of your IT infrastructure.



Attack Surface Management

Stay up to date with your attack surface to make sure it's fully covered.



Smart Threat Intelligence

Modern telemetry and AI enriching vulnerability data.



True Unification

A single pane for all risks for efficient prioritization and remediation.

ATTACK VECTOR COVERAGE

Attack surface

Attack vectors



Products



Next-Gen Vulnerability Management Platform

TRUE UNIFICATION

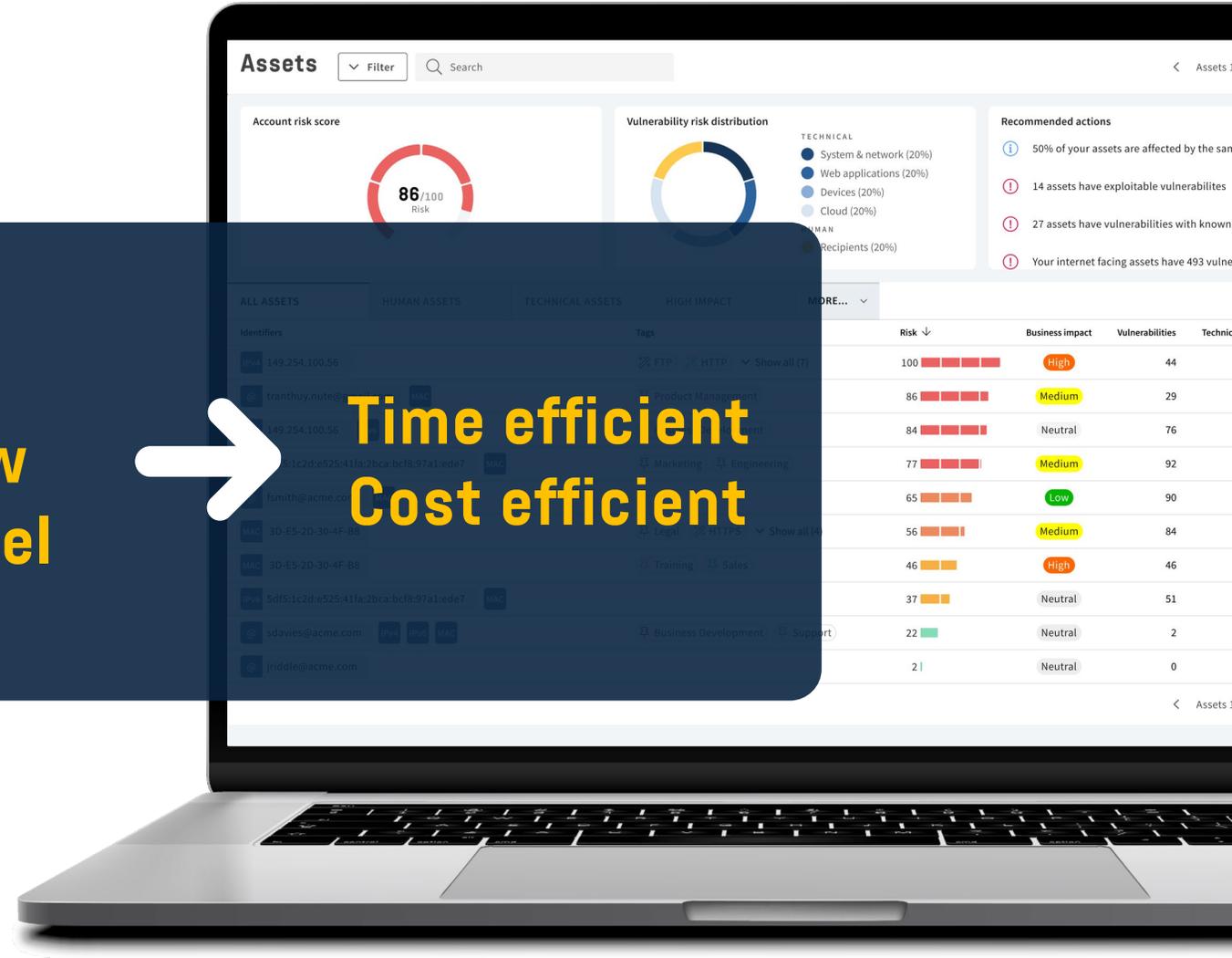
5
products

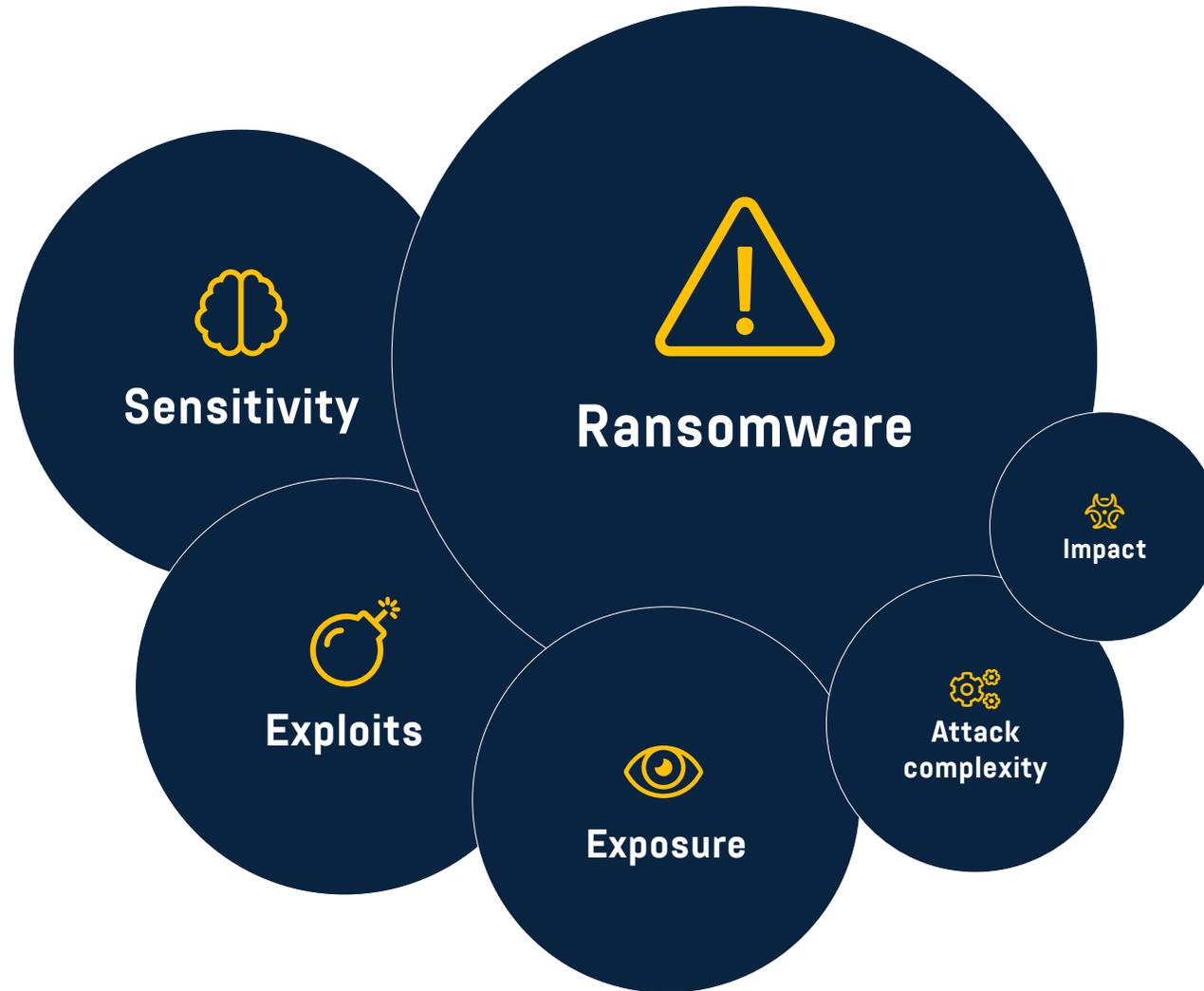


1 platform
Workflow
risk model



Time efficient
Cost efficient





Best Choice for Data Privacy

Local data storage in your region and
neutral company control.

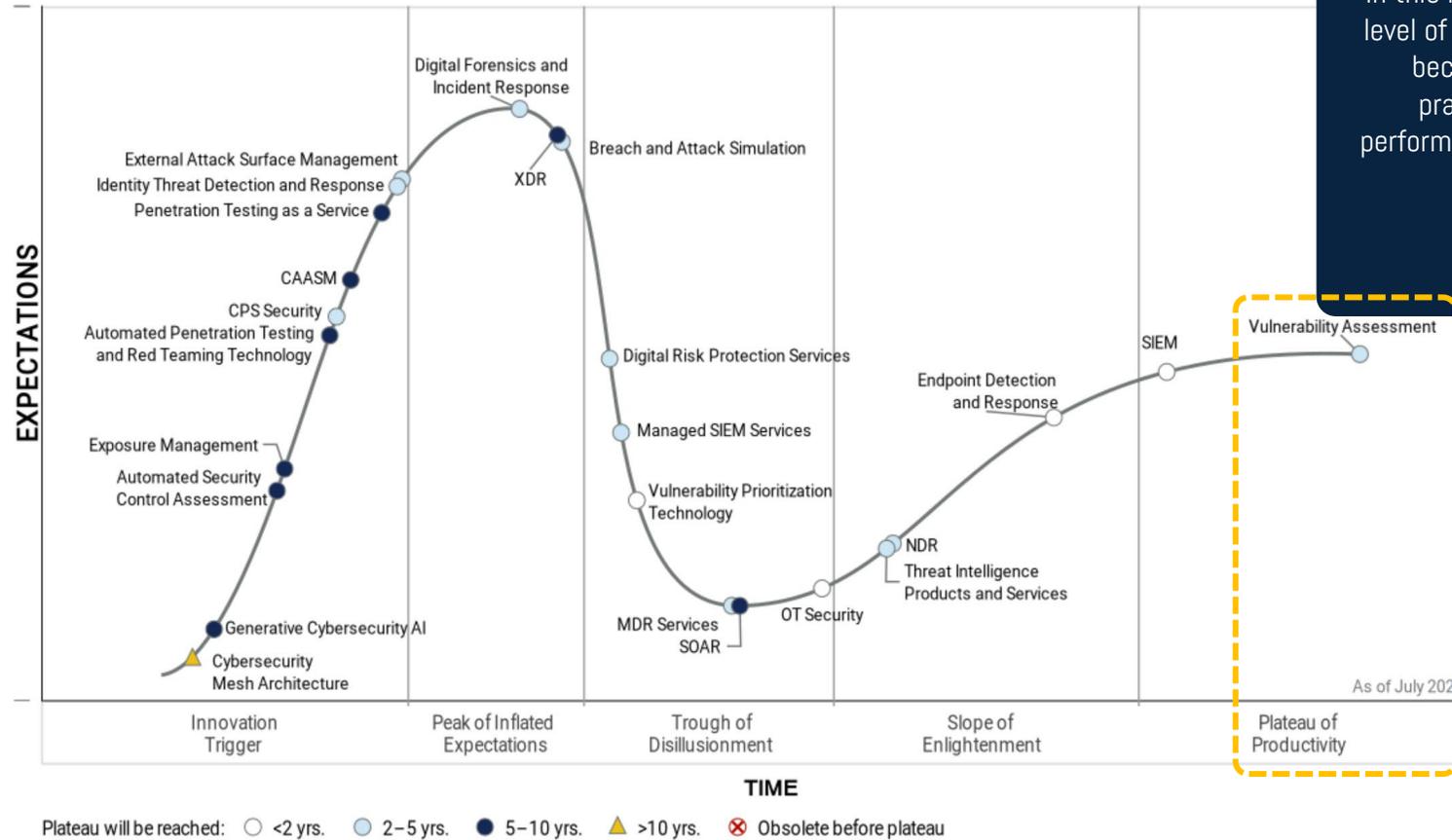


Meet Compliance

Support meeting compliance like
NIS/NIS2, DORA, PCI DSS, ISO27001, NIST,
and local regulations.



Hype Cycle for Security Operations, 2023



A proven technology that brings value

In this final phase, the technology reaches a level of maturity and widespread adoption. It becomes an integral part of industry practices and demonstrates stable performance, delivering measurable business value.

Gartner

PRODUCTS & SERVICES RELATION

Area:	Description:	Competing:	Type:	
			Proactive	Reactive:
Holm Security VMP	Next-Gen Vulnerability Management.	-	✓	
Penetration testing	Cybersecurity assessment and testing technique conducted to evaluate the security of an organization's IT infrastructure, applications, and systems.	Complements	✓	
SIEM	Information & Event Management (SIEM) provides organizations with the ability to collect, analyze, and correlate security event data from various sources across their IT environment.	Complements, integrates	✓	✓
SOC	A Security Operations Center (SOC) is a centralized unit within an organization or outsourced to an IT partner that is responsible for monitoring, detecting, analyzing, and responding to cybersecurity incidents and threats.	Complements, integrates	✓	✓
XDR/EDR	Extended Detection & Response (XDR) is a cybersecurity technology and approach that enhances traditional Endpoint Detection & Response (EDR) capabilities by integrating and correlating data from multiple security products across the entire IT environment.	No		✓
Anti-virus	A computer anti-virus is a software program designed to detect, prevent, and remove malicious software, commonly referred to as malware, from a computer or digital device.	No		✓



**Have our experts help
you achieve your
goals.**



Training Center



Success Programs



System & Network Scanning

Finds over 100,000 vulnerabilities across all
your technical assets.

CAPABILITIES



Outdated software

Find vulnerabilities in outdated systems and software.



Misconfigurations

Find misconfigurations in systems, cloud, software, and networks, including policies such as CIS Benchmarks.



Weak security

Identify weak passwords and encryption in your systems.



Asset inventory

Gain insight and control over your devices and systems.



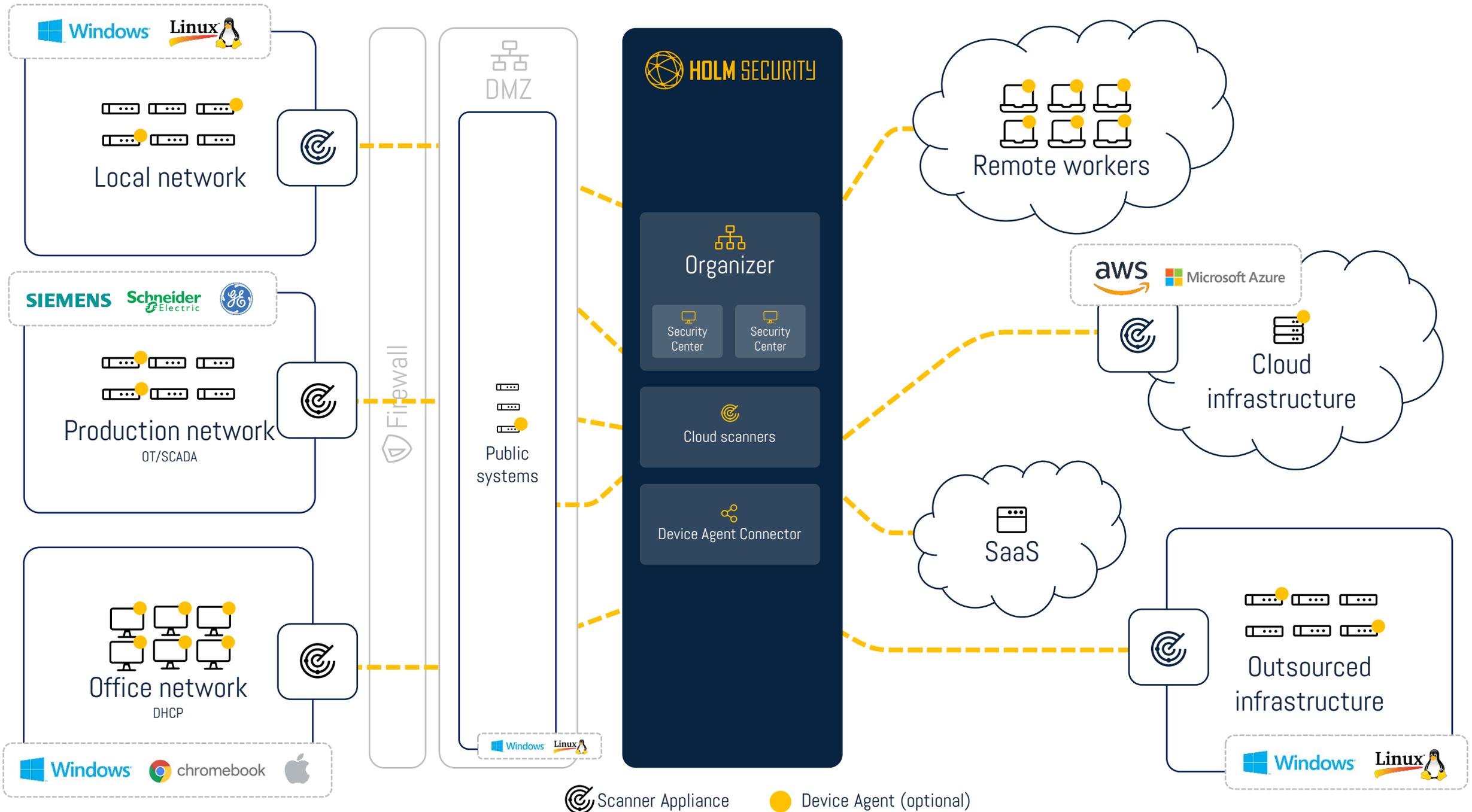
Exposed data

Find exposed sensitive data like data directories and source code.



Blank spots

Detect unknown systems before they pose a security threat.



CAPABILITIES

Area:	Description:	Available in:	
		SaaS / Cloud:	On-premise:
Discovery scanning	Identify active assets running within a network.	✓	✓
Unauthenticated scan	System and network scanning from the outside, without access to the system.	✓	✓
Authenticated scan	Authenticates against scanned targets and performs deeper analysis of vulnerabilities from installed applications and packages.	✓	✓
CIS Benchmarks (Policy Scanning)	CIS Benchmarks best practices for the secure configuration of a target system. Holm Security is certified by CIS (Center for Internet Security).	✓	✓
Endpoint agent scanning	Light-weight endpoint extracting all software installed in a computer to find vulnerabilities. Track Windows devices in dynamic networks and computers that are not within your reach.	✓	×
Enterprise software & OT/SCADA	Coverage for mission-critical infrastructure and industrial systems.	✓	✓
PCI DSS ASV	Certified for compliance scans according to the Payment Card Industry Data Security Standard (PCI DSS) as a ASV (Approved Scanning Vendor).	✓	✓



Cloud Scanning

Identify vulnerabilities across your cloud infrastructure with Cloud Security Posture Management (CSPM).





Cloud Misconfigurations

Gain complete visibility and actionable context related to misconfigurations in your cloud-native applications.



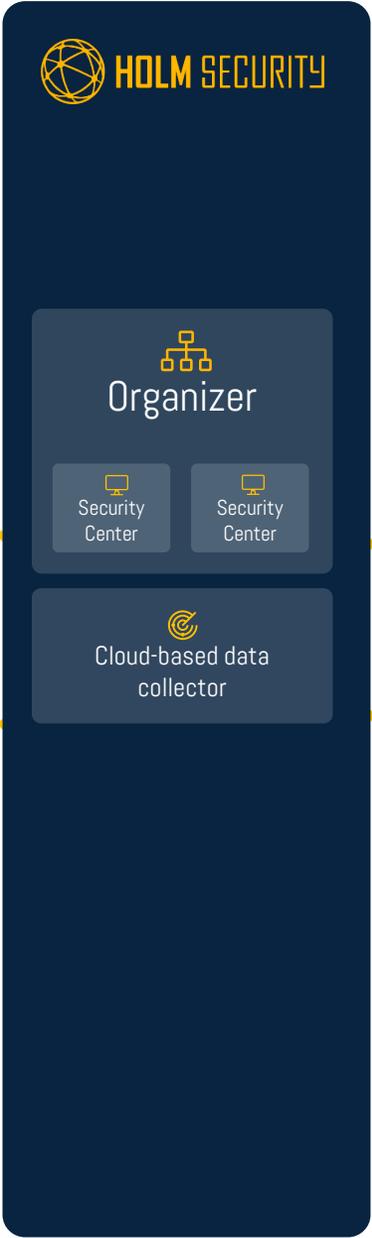
Multi-Cloud Support

Manage your full asset inventory across platforms, regions, accounts, and divisions.



Agent- less

No need for software or hardware – get started within hours using the API provided by the cloud vendor.





Web Application Scanning

Find vulnerabilities, such as OWASP Top 10, in
your websites and web apps.



OWASP Top 10

Find the most common web application vulnerabilities, such as injection, broken authentication, sensitive data exposure, and XML external entities (XXE).



Misconfigurations

Find vulnerabilities like directory listing.



Weak passwords

Detect logins that use weak usernames and passwords.



Exposed data

Find exposed personal information like personal IDs, and credit card details.



Insecure certificates

Detects SSL certificates that are about to expire, have expired, or are vulnerable.



Modern apps

Detect risks in modern JavaScript empowered web applications.





API Scanning

Find vulnerabilities, such as OWASP Top 10, in your APIs.





OWASP API Top 10

Coverage for OWASP API Security Top 10 and additional security vulnerabilities.



User & Object Authentication

Finds broken or incorrectly configured authentication methods and function level authorization.



Data exposure

Identify excessive exposed data and object properties that imposes a risk.



Injections

Finds injection flaws for common attacks such as SQL, NoSQL and command injections.



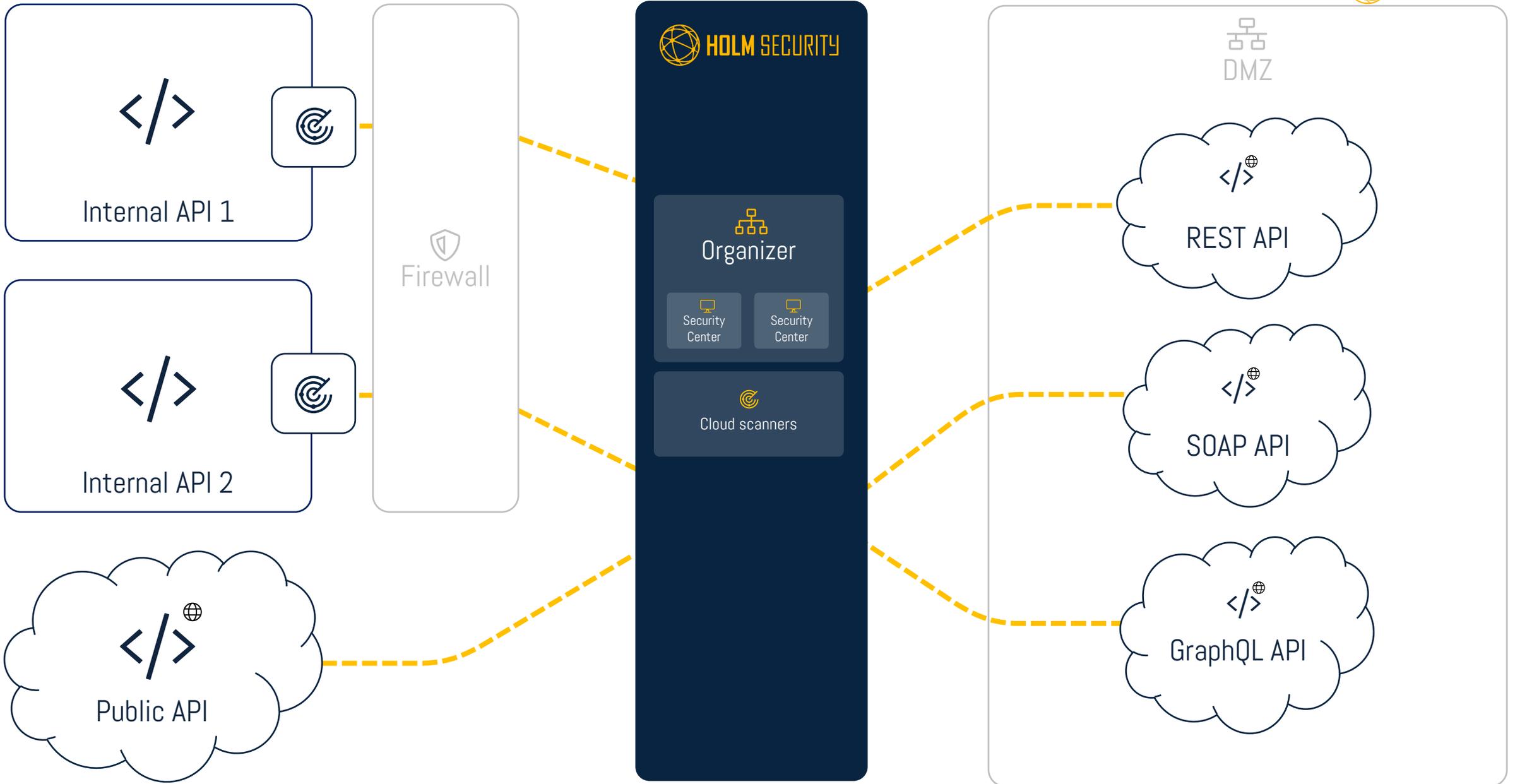
Insecure certificates

Detects SSL certificates that are about to expire, have expired, or are vulnerable.



Misconfigurations

Finds misconfiguration for the hosted API and the server hosting it.





Phishing & Awareness Training

Build your own human firewall by identifying users with risky behavior and training them to become more resilient against phishing and ransomware attacks. Build your own human firewall.



Phishing simulation

Realistic out-of-the-box phishing scenarios and customizable templates.



Awareness training

Automated and tailored nano-learning based on the individual user's behavior in phishing simulations.



Automated sequences

Sequences of simulations, awareness training and follow up quizzes.



Videos

Built-in awareness videos and support to embed your own visual material.



Quiz

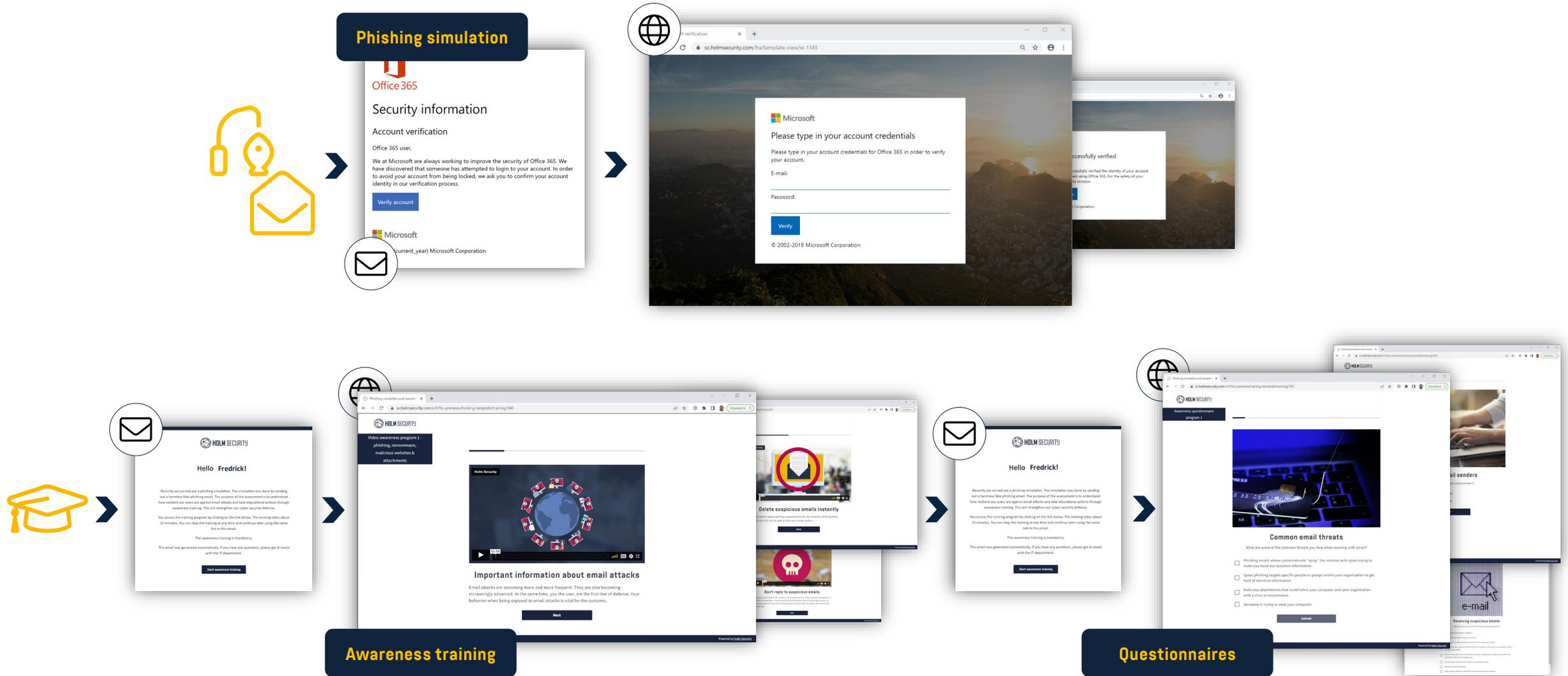
Ready-made interactive questionnaires to measure users' knowledge.



Out-of-the-box

Ready-made and customizable templates for simulations, awareness training, and questionnaires.

A complete flow



Phishing simulation

Office 365

Security information

Account verification

Office 365 user,

We at Microsoft are always working to improve the security of Office 365. We have discovered that someone has attempted to login to your account. In order to avoid your account from being locked, we ask you to confirm your account identity in our verification process.

Verify account

Microsoft

© current_year Microsoft Corporation

Microsoft

Please type in your account credentials

Please type in your account credentials for Office 365 in order to verify your account.

E-mail:

Password:

Verify

© 2002-2018 Microsoft Corporation

Successfully verified

Successfully verified the identity of your account using Office 365. For the safety of your account, we will lock your account in 30 minutes.

Microsoft Corporation

HOLM SECURITY

Hello Fredrick!

Recently we carried out a phishing simulation. The simulation was done by sending out a harmless fake phishing email. The purpose of the assessment is to understand how resilient our users are against email attacks and take educational actions through awareness training. This will strengthen our cyber security defense.

You access the training program by clicking on the link below. The training takes about 15 minutes. You can stop the training at any time and continue later using the same link in this email.

The awareness training is mandatory.

This email was generated automatically. If you have any questions, please get in touch with the IT department.

Start awareness training

HOLM SECURITY

Video awareness program 1 - phishing, ransomware, malicious websites & attachments



Important information about email attacks

Email attacks are becoming more and more frequent. They are also becoming increasingly advanced. At the same time, you the user, are the first line of defense. Your behavior when being exposed to email attacks is vital for the outcome.

Watch

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Start awareness training

Start to apply for suspicious emails

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Start awareness training

HOLM SECURITY

Awareness questionnaire program 1



Common email threats

What are some of the common threats you face when working with email?

- Phishing emails where cybercriminals "spy" the internet with spies trying to make you hand over sensitive information.
- Spear phishing targets specific people or groups within your organization to get hold of sensitive information.
- Malicious attachments that could infect your computer and your organization with a virus or ransomware.
- Someone is trying to steal your computer.

Submit

e-mail

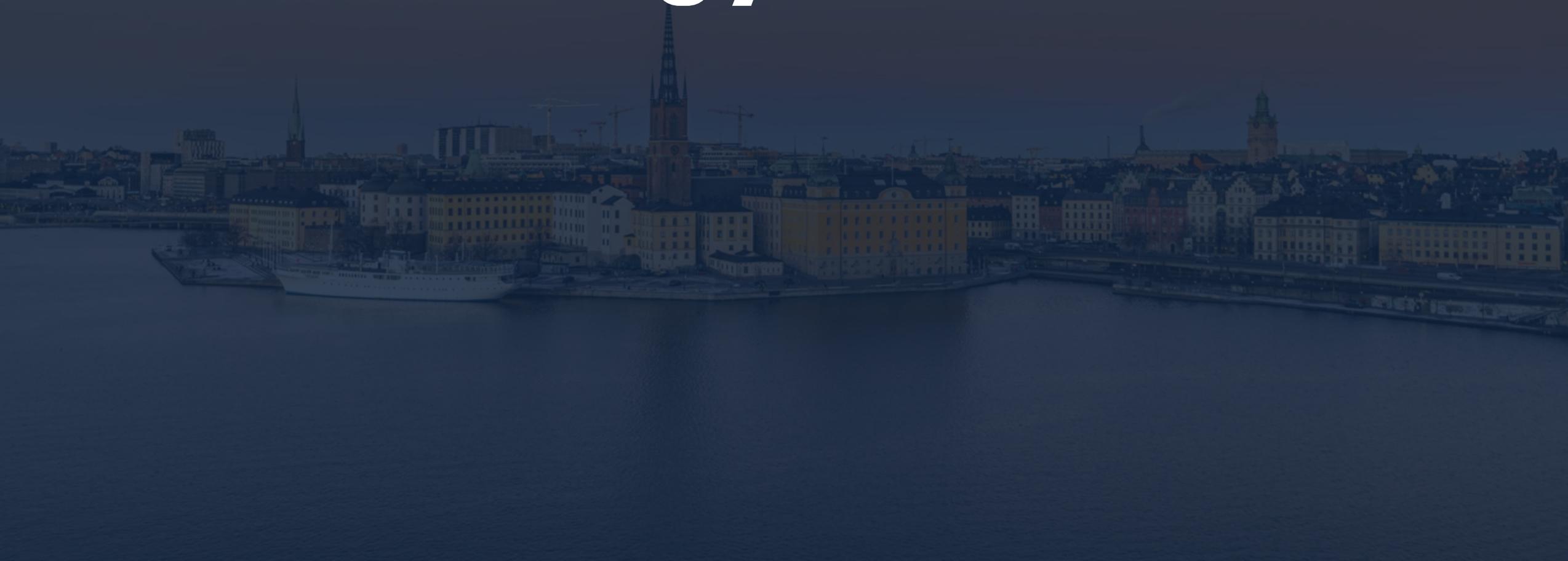
Receiving suspicious emails

Awareness training

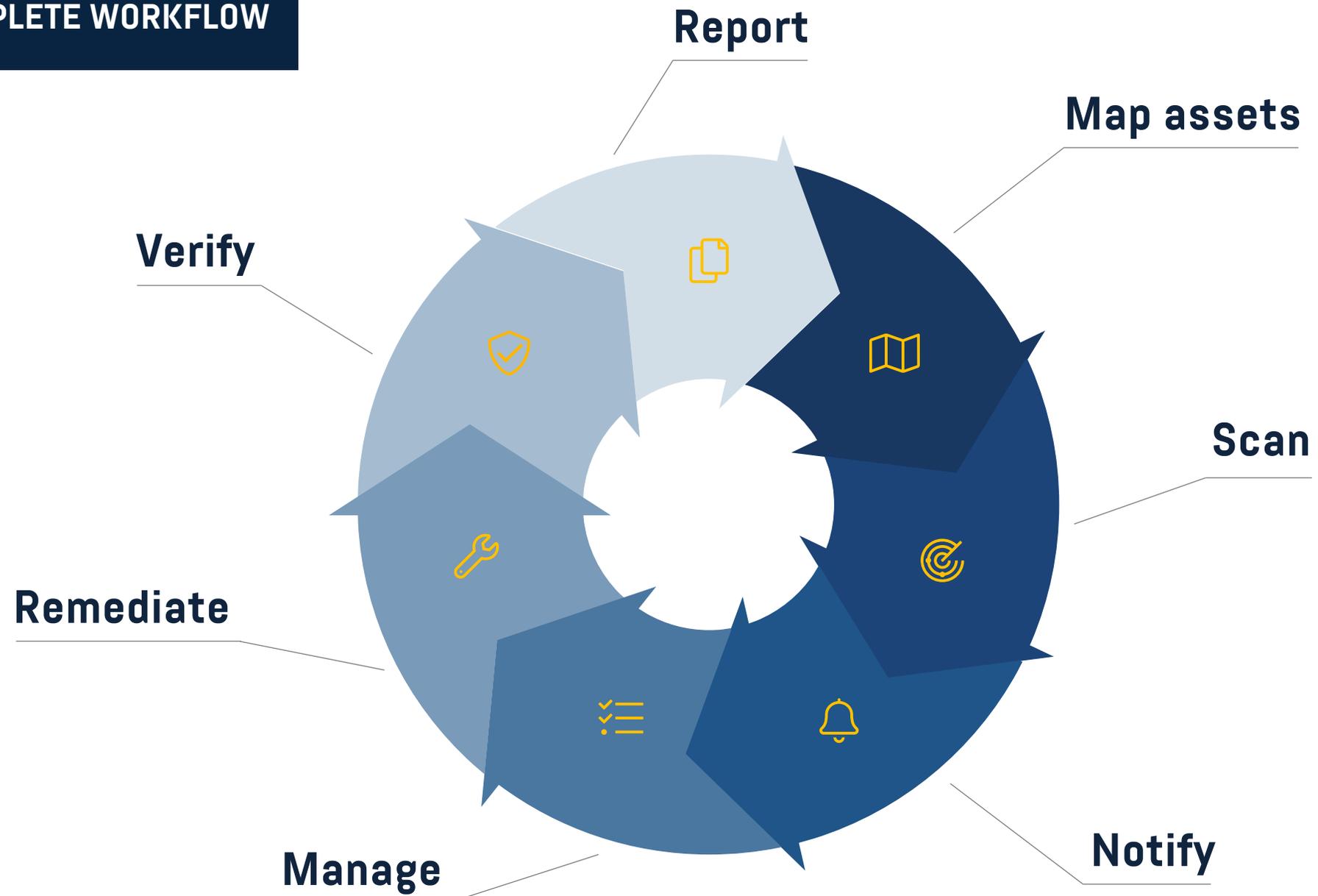
Questionnaires

PLATFORM

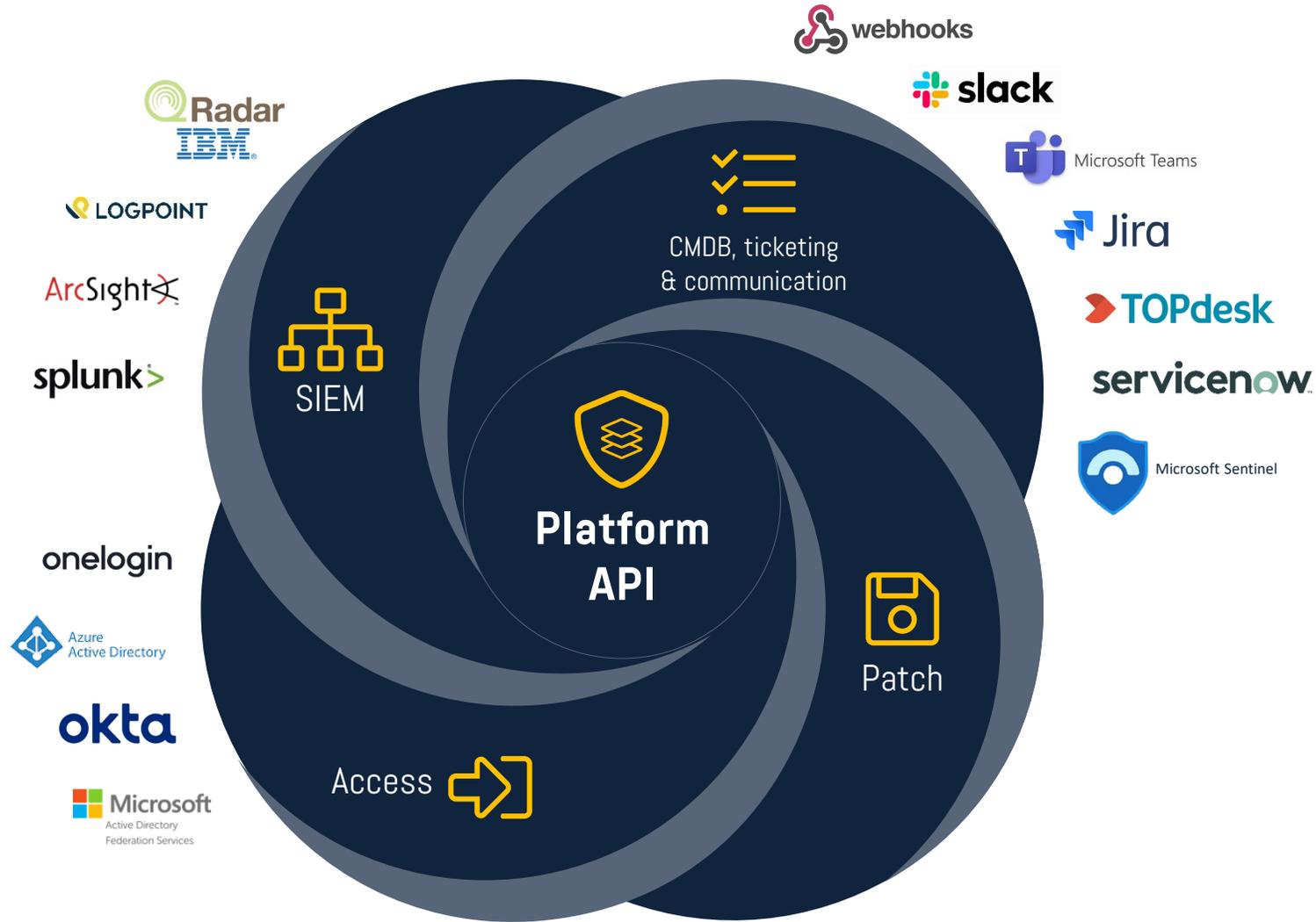
Technology



A COMPLETE WORKFLOW



READY-MADE INTEGRATIONS



ORCHESTRATION

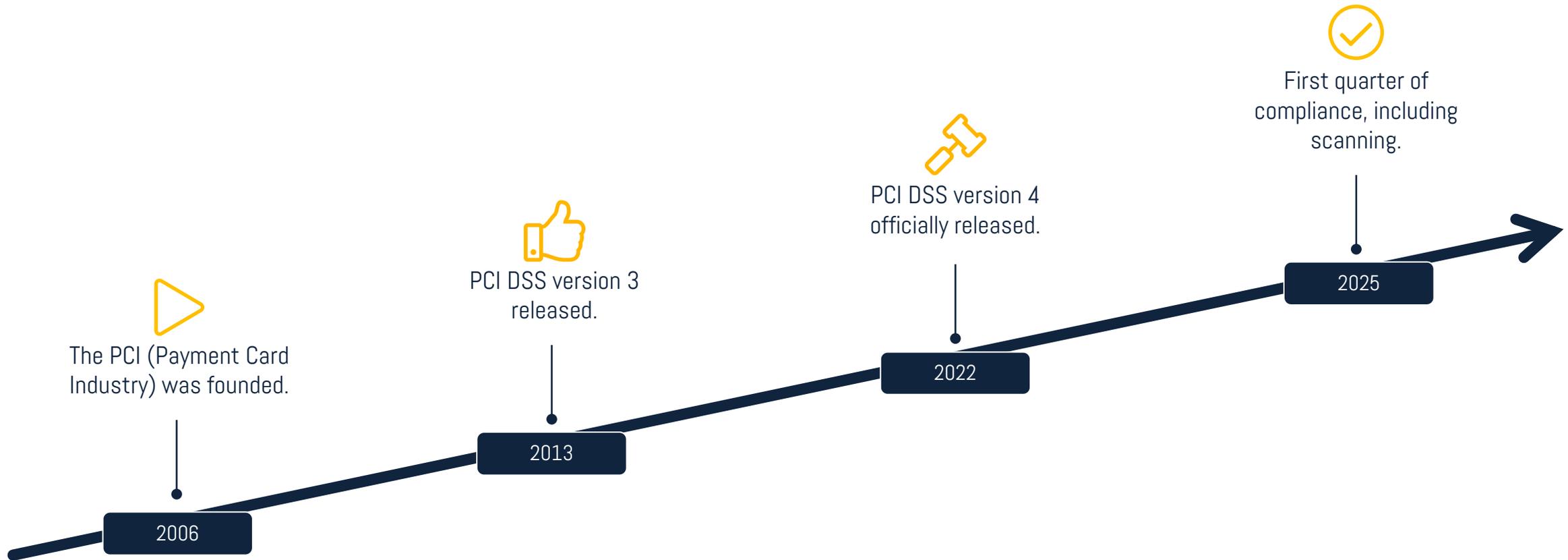


COMPLIANCE

PCI DSS



PCI DSS V4 TIMELINE



Requirement:



Enhanced Security Measures

The new version was expected to introduce more rigorous security requirements to address modern cyber threats and vulnerabilities.



Emphasis on Risk Management

Version 4.0 emphasizes a risk-based approach to security, encouraging organizations to assess their unique risks and implement appropriate controls.



Secure Software Development

With the growing importance of software security, version 4.0 includes updated guidelines for secure software development practices.



Third-Party Risk Management

The new version will address the challenges of managing security risks associated with third-party service providers.



Remote Work Considerations

The COVID-19 pandemic highlighted the need for secure remote work practices, and version 4.0 will offer guidance in this area.



Our solution:

Protect the modern attack surface covering modern attack vectors such as cloud platforms.

Our platform provides all the tools need for a risk-based approach by understanding risks throughout your entire infrastructure.

Secure applications by scanning systems, web applications and API – before they go out in production.

Support the process of evaluating risks in third-party solutions.

Proactively strengthen your work force against phishing and related threats such as ransomware.

Holm Security VMP is an ASV scanner

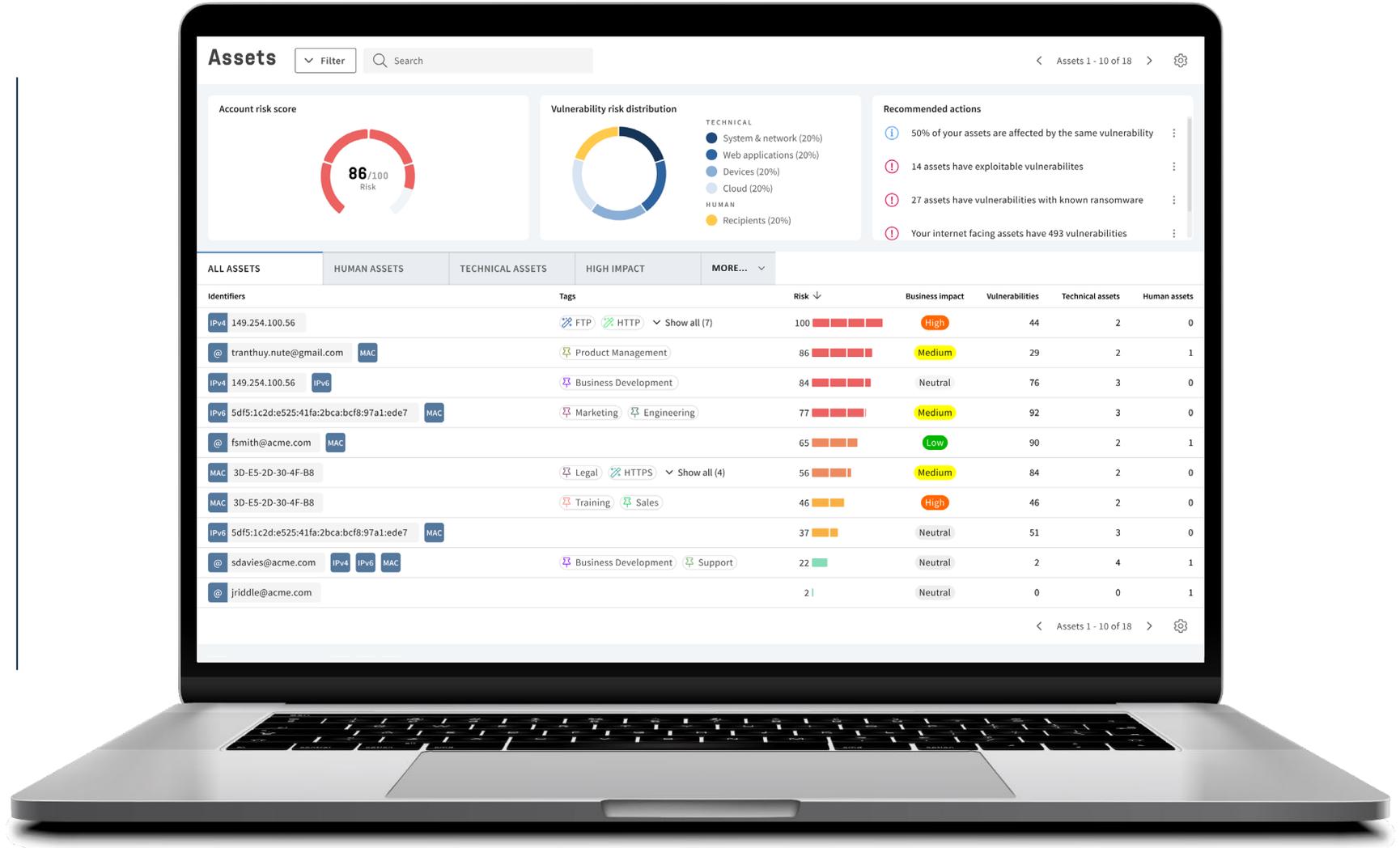
We support the process of scanning requirements with a certified product (Approved Scanning Vendor).





Fully automated scans

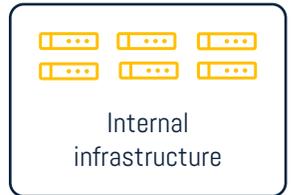
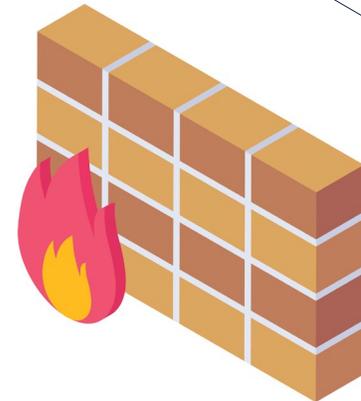
Scans are running in the background without impact on the system.



ASV SCANNING

Unauthenticated scans from our cloud scanners.

Authenticated scanning using our Scanner Appliance. Set up together with our experts.





Organizations must have both technical mechanisms and perform training to prevent phishing attacks.

Key functions: Phishing & Awareness Training

- Phishing simulation and awareness training.
- Automated sequences (simulation, awareness training, questionnaires).
- Out-of-the-box templates and awareness material, including videos.
- Tailored awareness training.
- Fully integrated with unified risk score for more efficient prioritization.

PCI DSS IMPLEMENTATION PROCESS

1

Information about
version PCI DSS 4

2

Evaluation of
requirements

3

Presentation of
proposed solution

4

Implementation of
scanning and routines



Continuous
compliance

COMPLIANCE

ISO 27001



Requirements:



Risk assessment (§6.1.2)

ISO 27001 requires organizations to perform a risk assessment to identify and assess information security risks.



Risk treatment (§6.1.2)

Once risks are identified, ISO 27001 mandates that organizations develop a risk treatment plan. Part of this plan may involve vulnerability management.



Control selection (§6.1.3)

ISO 27001 provides a list of control objectives and controls in Annex A of the standard. Some of these controls are directly related to vulnerability assessment and management, such as:

- A.12.6.1 - Management of technical vulnerabilities
- A.14.2.7 - System vulnerability assessments
- A.14.2.8 - Remediation of technical vulnerabilities



Continuous Improvement (§10.1)

ISO 27001 promotes a cycle of continuous improvement. Organizations are required to regularly review and update their risk assessment, risk treatment plan, and information security controls.

Our solution:

Automated and continuous risk assessments (vulnerability management) to identify risks.

We support our customers in implementing a long-term risk treatment plan.

We support finding technical vulnerabilities, as well as performing vulnerability management and supporting the process of remediating vulnerabilities.

Vulnerability management play a crucial role in this ongoing process by helping organizations stay informed about emerging vulnerabilities and adapting their security measures accordingly.

COMPLIANCE

NIS & NIS2



NIS2 TIMELINE



IMPACTED SECTORS

Essential Entities

 Energy Sector	 Wastewater	 Healthcare Sector
 Drinking Water Supply & Distribution	 Banking Sector	 Financial Market Sector
 Digital Infrastructure	 Transport Sector	 Space
 Public Administration		

Important Entities

 Waste Management	 Digital Distributors
 Postal & Courier Services	 Chemicals Production, Processing & Distribution
 Production & Manufacturing	 Food Production, Processing & Distribution
<ul style="list-style-type: none">• MedTech Products• Computers, electronics, and Optics• Electrical Appliances• Industrial Machines• Motor Vehicles• Other transports	

Demands/impact:



A systematic, analytical, risk-based work within information security and perform risk assessments.



Report Incident reporting – also for exposure without an incident.



Be able to demonstrate compliance today and historically.



Administrative sanctions; lost permits, certifications and similar.



Personal responsibility for top management.



Our solution:

Automated and continuous risk assessments.

Discover vulnerabilities and generate reports.

Reports that shows compliance today and historically.

Proactively strengthen your cyber defense to avoid incidents.

Proactively strengthen your cyber defense to avoid incidents.



NIS2 applies direct or indirect

Essential entities and
Important entities
must secure the
entire supply
chain.



USE CASES

OT/SCADA

**Supervisory Control & Data Acquisition
Operational Technology**



The Stuxnet worm sabotage

- The malicious computer worm, was first officially uncovered in 2010.
- Used to attack a uranium enrichment facility at Iran's nuclear site.
- Destroyed almost one-fifth of Iran's nuclear centrifuges.
- The worm infected over 200,000 computers and caused 1,000 machines to physically degrade.



Ukrainian power grid hack

- In 2015 and 2016, cyber-attacks on the power grid cut electricity to nearly a quarter-million Ukrainians.
- Shut off power at 30 substations, leaving around 230,000 people without electricity for up to six hours.
- SCADA equipment wasn't working, and power restoration had to be done manually.

COVERAGE



**We provide a
market leading
coverage for the
supervisory layer.**

CAPABILITIES





50+ vendors covered

Major coverage of vendors within OT/SCADA.



1600+ vulnerabilities covered

Market leading vulnerability test coverage within OT/SCADA