

Fraunhofer-AHEAD Bootcamp Spring 2026

Noise2Action – The era of manual cyber defence is over

Our Critical Infrastructure is the Foundation of Social Stability



Ensuring energy security is the foundation of our society and our economy.

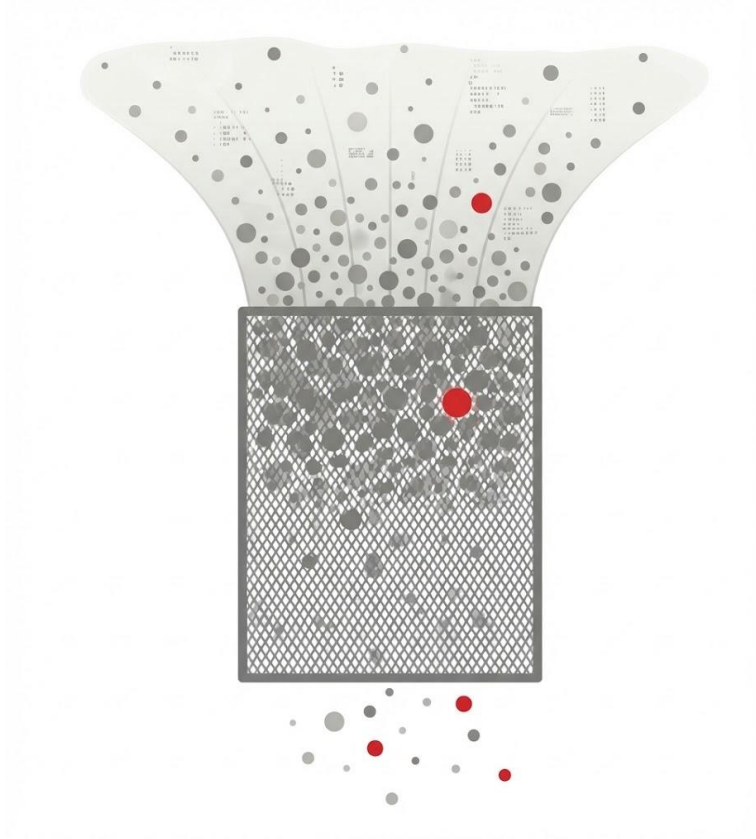
But we are facing a deluge of threats that we can no longer cope with



Tens of thousands

of new software vulnerabilities each year. Added to this are complex supply chain risks and targeted state-sponsored attacks.

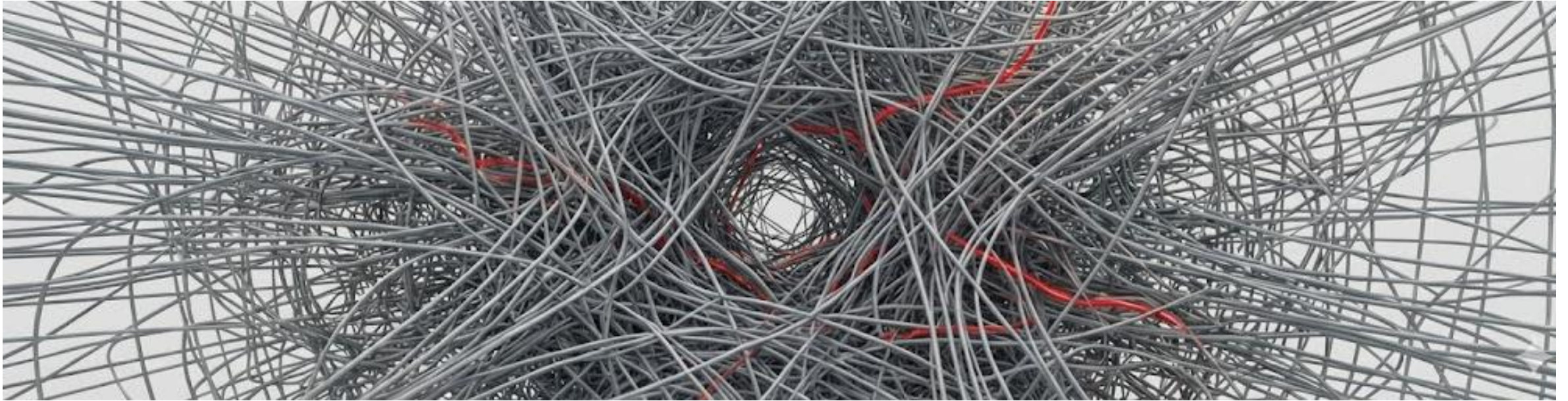
The result: Critical warnings get lost in the Noise.



Alert Fatigue

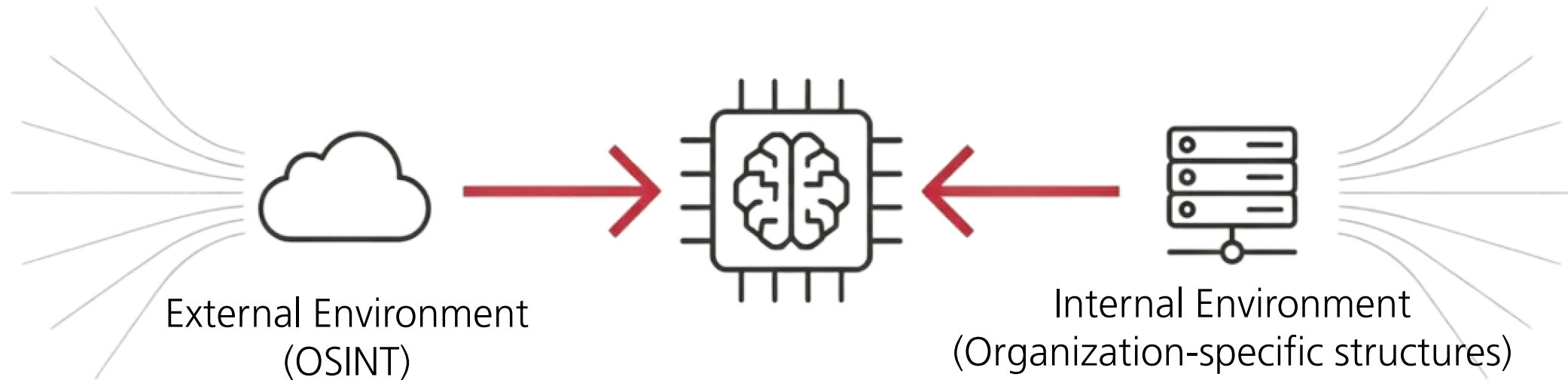
Existing tools generate a flood of unstructured alerts. Security teams are overwhelmed by data and lose focus. To-do lists grow longer, and priorities must be set.

That's why we're changing the strategy: from reactive overload to proactive prioritization.



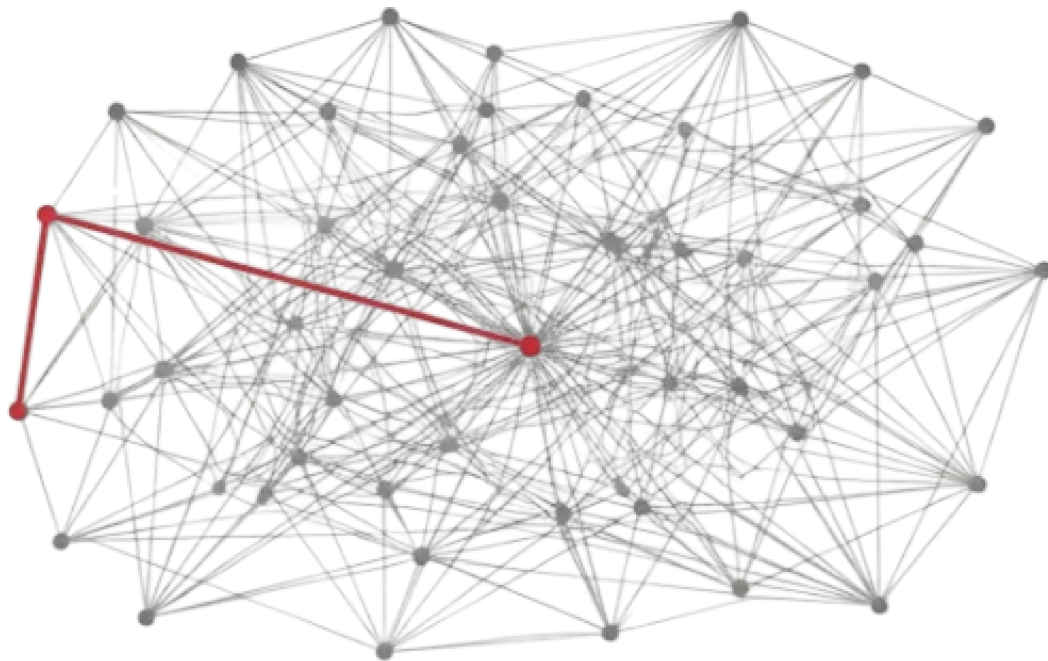
We stem the flood of data through smart automation. The system identifies actual attack vectors and the most effective defensive measures.

Autonomous AI agents collaboratively create a dynamic situational overview.



AI agents collect and analyze open-source intelligence to identify context-specific risks. In collaboration with internal agents, the company's infrastructure and assets are continuously monitored for relevant vulnerabilities.

The patented Noise2Action logic¹ connects the dots to identify specific attack vectors and derives prioritized countermeasures.



Noise2Action

Identifies the most effective point at which to interrupt attack chains.

Scarce resources are deployed strategically, response times are reduced, and resilience is enhanced.

- Re 1: Patent DE: 10 2018 216 887.3 was developed before the capabilities that AI-agent-based workflows offer today. The combination of these two technologies delivers unprecedented benefits in terms of increased efficiency through automation and precision.

Prototype Preview

AI agents gather the data; we put it into action. OSINT data presented in a digestible and actionable format.

A

Acme Cybernetics, Inc.

acme-cyber.io | San Francisco, CA | Last Scan: 2 hours ago

DUNS: 92-123-4567

Tier 1 Supplier

Monitor
Export Report

Composite Risk Score (SRS)

58
/ 100

6 month trend
+11.01% ↗

[View Methodology](#)

Note

- A ransomware incident on 15 May added **+40 SRS points**; root-cause report still pending.
- Three unpatched critical CVEs (CVE-2025-12345) add **+32 SRS**; vendor ETA for patches is 1 July.
- Strong A- credit rating and 5% YoY revenue growth subtract **-4 SRS**.
- Security team size 40% above peer median subtracts **-10 SRS**.

PUBLIC INCIDENTS & NEWS

[View All Sources](#)

- Oct 24, 2023

Potential Credentials Leak

Dark web monitoring detected 150+ corporate credentials associated with acme-cyber.io domain in "BreachCollection #1".

High Severity
- Sep 15, 2023

CaO Resignation Announced

Unexpected departure of Chief financial Officer cited in press release. Stock price dipped 4%.

Business Risk
- Aug 02, 2023

New Patent ailing: AI Security

Patent filed for "Automated Threat Neutralization System". Indicates R&D investment.
- Jul 10, 2023

Quarterly Earnings Call

DISCOVERED VULNERABILITIES

3 Critical

CVE ID	CVSS	STATUS
CVE-2023-44487	9.8	Active
CVE-2023-29325	9.1	Active
CVE-2023-38831	7.8	Patching
CVE-2021-44228	10.0	Patched
CVE-2022-22965	8.1	Unknown
CVE-2023-22515	6.5	Patched

EMPLOYEE SENTIMENT

2.8 ★★☆☆☆

Keyword Extraction

Benefits Culture

Remote **Salary Layoffs**

Micromanagement

Burnout Growth

5 Star 10%


4 Star 15%

3 Star 25%

2 Star 30%

1 Star 20%

GEOLOCATION FOOTPRINT



Primary DC: US-West (California)


- US-West: 8 Servers
- EU-Central: 4 Servers
- AP-Southeast: 2 Servers

FINANCIAL HEALTH

Stable

Altman Z-Score **2.8**

Current Ratio **1.4**

Revenue Trend (YoY) 

TECHNICAL FOOTPRINT

IP Ranges

14

Open Ports

128

Certificates

42

3 Expiring Soon

Confidence

OSINT coverage Comprehensive

Last crawl 2 days ago

Confidence - High

Company Information

Industry Software Development

Company Size 201-500 employees

Country Germany

Visit website

Networking

Wireless

Security

Unified Communication

Cloud

Collaboration

Data Center

Virtualization

Unified Computing Systems

Artificial Intelligence

Observability

**Let's work together to make our infrastructure
more resilient.**

»Noise2Action« now in the AHEAD-Phase 1.

Kontakt

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