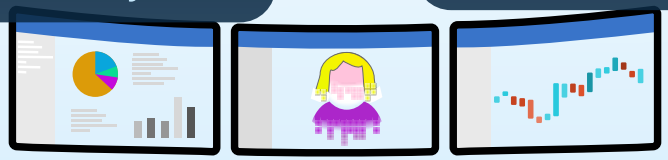
Framework

2 commercial platform integrations

Logstail Security Suite
Sphynx SPA
+ Open-source Community Edition

Actionable Cyber Threat Intelligence

MISP, NVD/CVE, OpenCTI, OWASP
OSINT collection
Structured, traceable intelligence stories

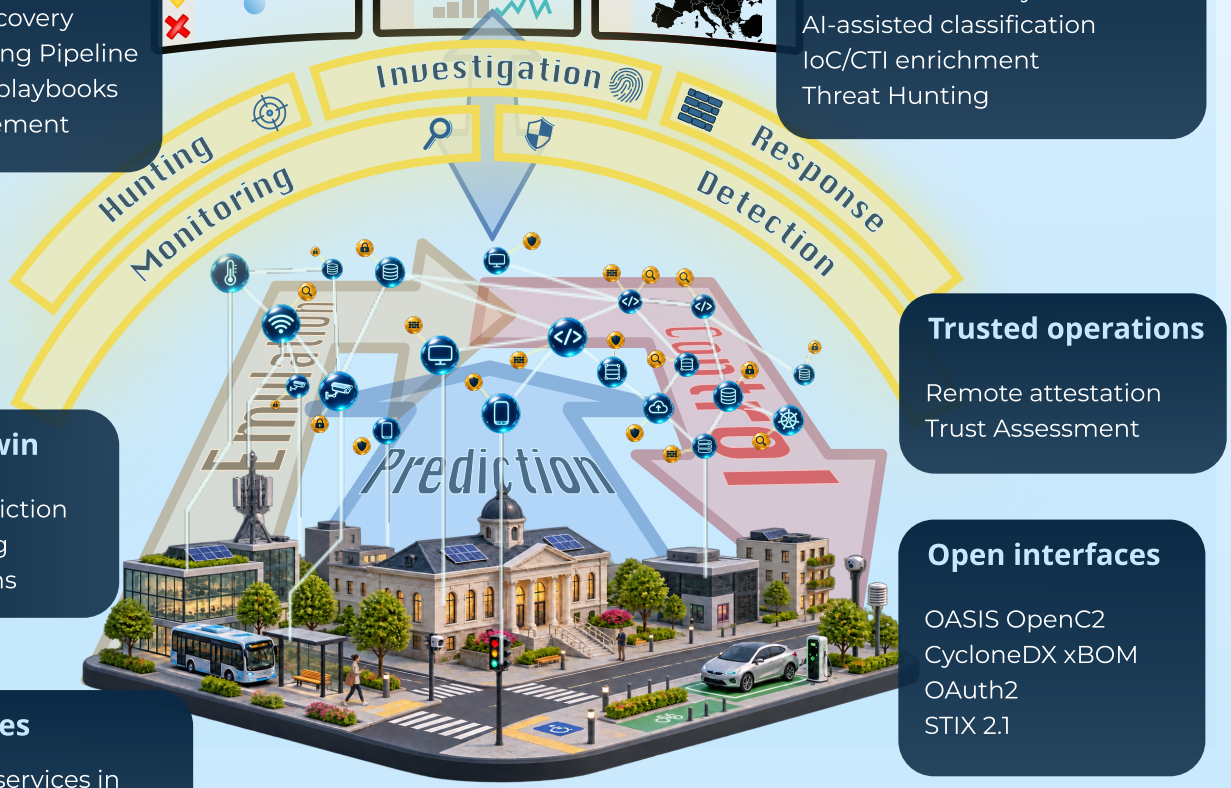


Adaptivity

Context Discovery
Data Handling Pipeline
AI-enabled playbooks
Policy refinement

Detection & Investigation

Real-time anomaly detection
AI-assisted classification
IoC/CTI enrichment
Threat Hunting



Trusted operations

Remote attestation
Trust Assessment

Digital Twin

Traffic prediction
Sandboxing
Attack paths

Open interfaces

OASIS OpenC2
CycloneDX xBOM
OAuth2
STIX 2.1

3 Use Cases

Smart City services in
Wolfsburg, Genoa, Athens

Benefits

Investigate with Context

Enriched alerts, service context and rioritised attack paths.

Test Before Acting

Safely emulate attacks and mitigation options before changing live services.

Integrate Existing Operations

Connect SIEM, SOAR and CTI through open interfaces and standards.

Built for Complex Ecosystems

Coordinate protection across domains while retaining local control.

Adaptive by Design

Stay effective as services and threat landscapes evolve.

Anticipate Attack Paths

Identify likely attack paths and lateral movementbefore an attack escalates.

Consortium



Consiglio Nazionale delle Ricerche

SPACE

ONESOURCE

security tech Stelar law research

Logstail

Politecnico di Torino

NASK

AIT AUSTRIAN INSTITUTE OF TECHNOLOGY

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Project factsheet

Start date: 1 September 2024
Duration: 36 months
Budget: 7 308 925.00 €
Programme: HORIZON-CL3-2023-CS-01-01

Project coordinator:
Matteo Repetto (CNR/IMATI)

Technical coordinator:
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The project funded under Grant Agreement No. 101168144 is supported by the European Cybersecurity Competence Centre

ECCC EUROPEAN CYBERSECURITY COMPETENCE CENTRE

MIRANDA

Monitoring, Investigation and Response to cyber-attacks with an Adaptive digital twiN moDel for Agile services over the computing continuum



A framework for collaborative cyber-security operations over service supply chains