Dublin — June 20-23, 2022

SENTINEL: Bridging the security, privacy and data protection gap for smaller enterprises in Europe

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GLOBAL VISION:



IoT TODAY AND BEYOND

ITML at a glance



Company overview

Location

- Headquartered in Athens, Greece (est. 2011)
- Offices also in Limassol, Cyprus

Size

- 50 people (50% in R&I) and growing
- 80% growth rate per year for the last 3 years

Competences & Target Markets

Design thinking / CX

Cyber Security

- User-centric solutions
- Threat & Infra monitoring

Data Analytics

Maritime

 Decision support solutions
Performance monitoring **Indicative Clients**

Δ_{EH}









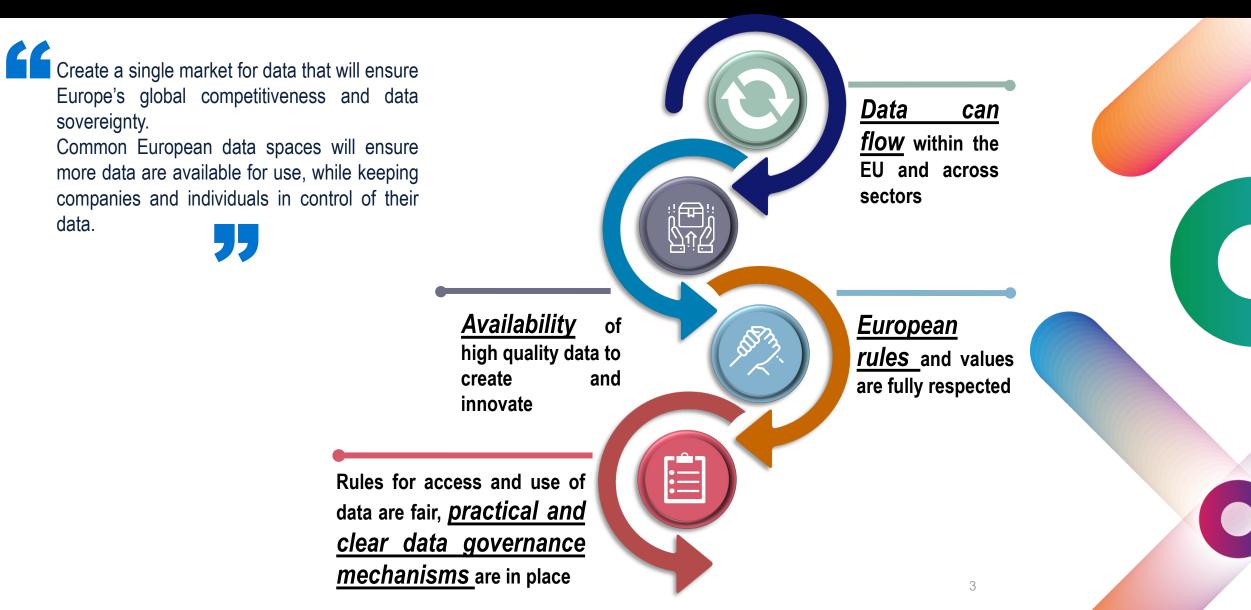








The challenges to address



The challenges to address

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SMEs represent 99% of all EU businesses (25M SMEs)

Create around 85% of new jobs (2/3 of private sector)

Role of SMEs in the Data Value Chain

- Data owner, data acquisition, data aggregator, data storage, data analysis, data user, data services
- ➢ 79% failing to meet the GDPR's requirements
- 25% don't consider themselves knowledgeable about the GDPR regulation



GDPR costs are related to installation costs (IC) of technical and organization measures, as well as maintenance costs (MC). Usually, implementation costs are at least twice than maintenance
GDPR cost for small business is 0 – 50,000 euros annually!

The challenges to address



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SMEs lack awareness and are confused



A lack of easy-to-understand information on GDPR
A lack of awareness on th need to protect data and digital infrastructure



- Outdated operating systems
- Outdated business models



Multiple platformsTight budgets

SENTINEL overall target

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SENTINEL provides a complete privacy, cybersecurity and data protection suite that enables small and medium enterprises to achieve business security, safeguard their and customers' assets in an <u>efficient</u> and <u>affordable</u> manner.

- It integrates security and privacy technologies into a unified digital architecture and then applies disruptive intelligence for compliance.
- It educates SMEs on GDPR requirements and how to achieve compliance
- It automates GDPR compliance and provision of recommendations for personal data protection and cybersecurity
- It provides a plethora of tools for real time monitoring and threat mitigation



SENTINEL Key Performance Indicators (KPIs)



7



> 20 novel cybersecurity services among which



10 dedicated to personal data protection and privacy assurance



40% improved privacy compliance efficiency



40% reduction in compliance-related costs via automation



>>10 critical aspects addressed (maintenance and software update) for long-term sustainability







SENTINEL overview

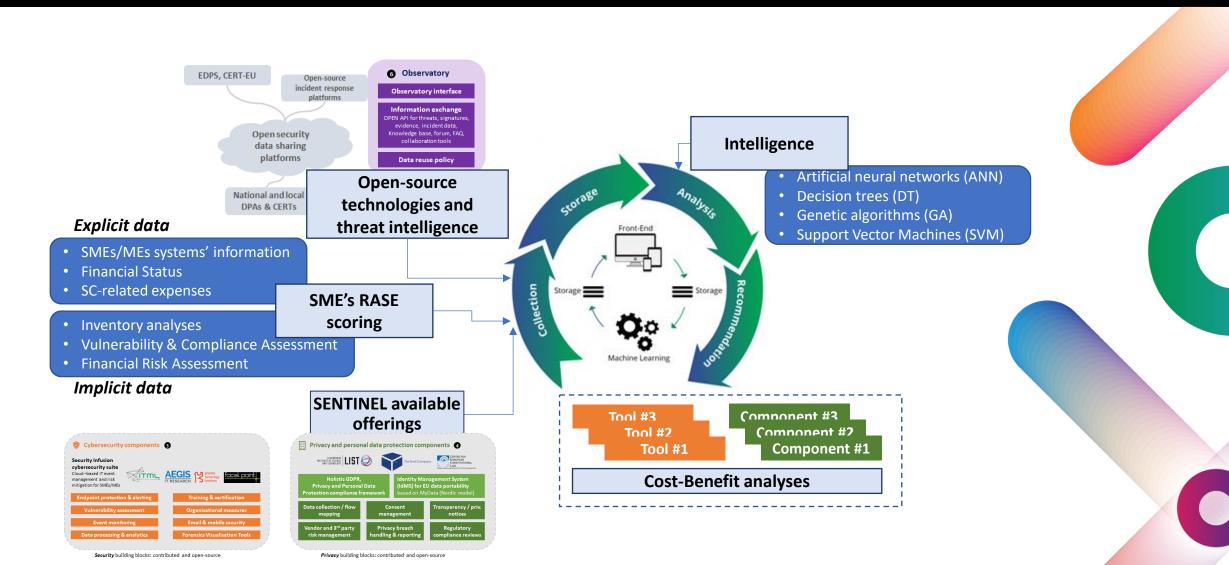


鼺 SMEs/MEs Uls: Compliance, Self-assessment, Awareness, Incident response Privacy assurance, GDPR/PDP Threat Intelligence Intelligent Compliance and Simulation-& Information **Recommendations and** based training sharing policy drafting Bridging the security, privacy and data protection gap for SENTINE smaller enterprises in Europe 1111 Cybersecurity offerings Privacy and personal data protection offerings

SENTINEL consortium contributed, engaged during project, and open-source

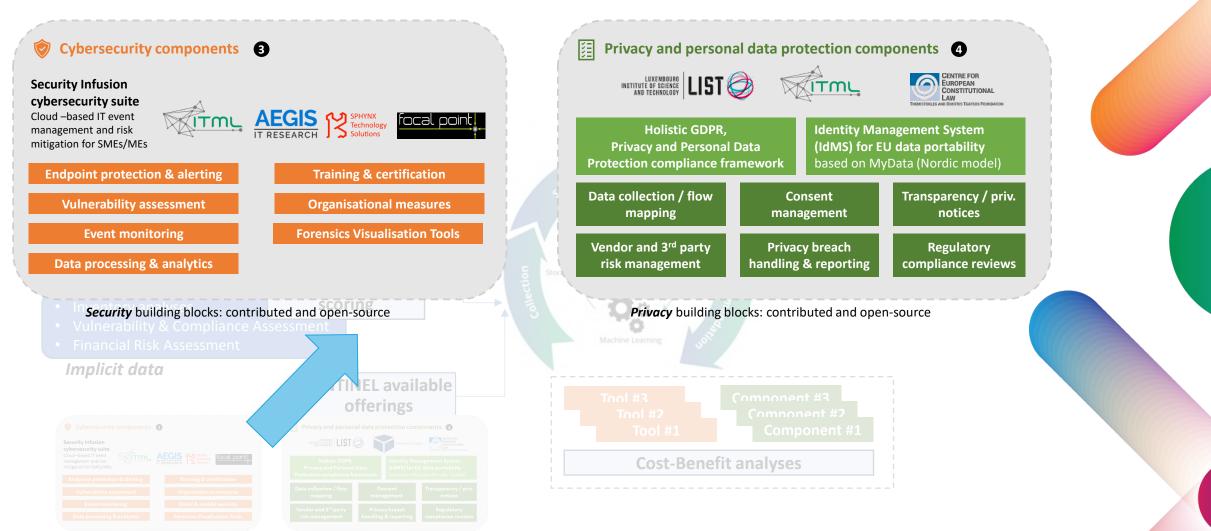
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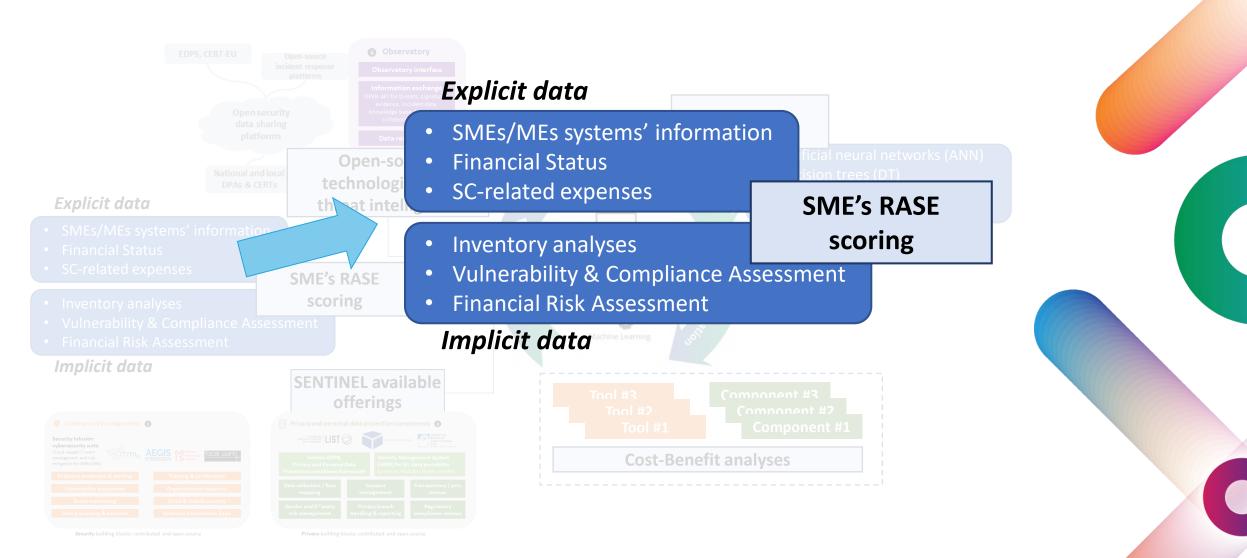
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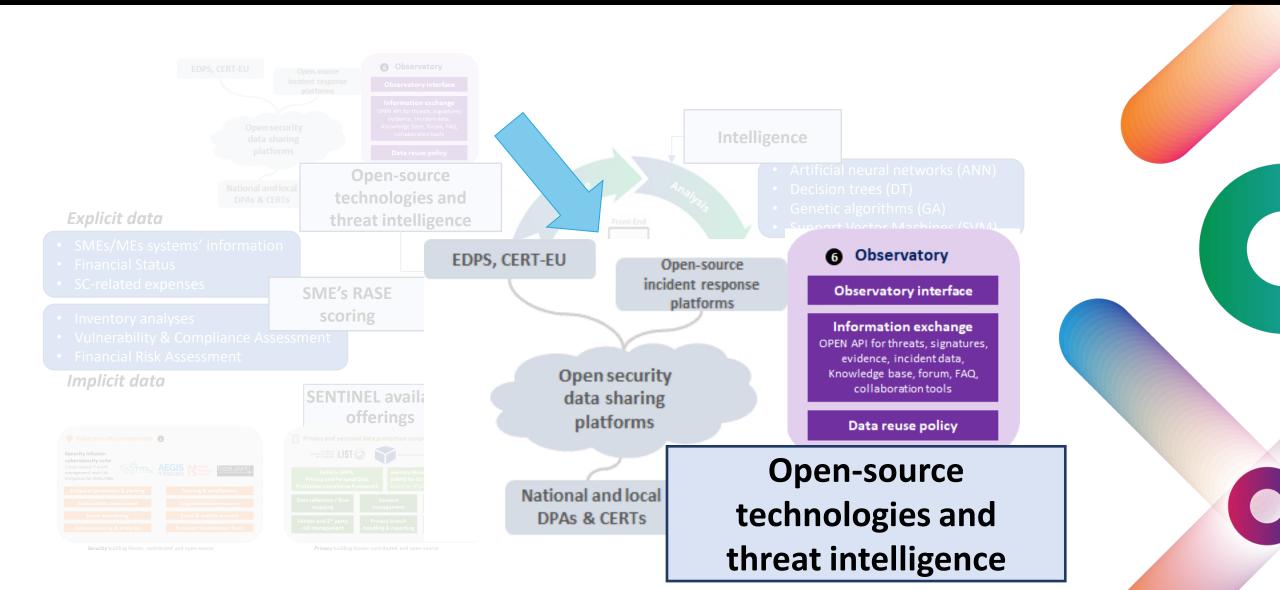


Security building blocks: contributed and open-source

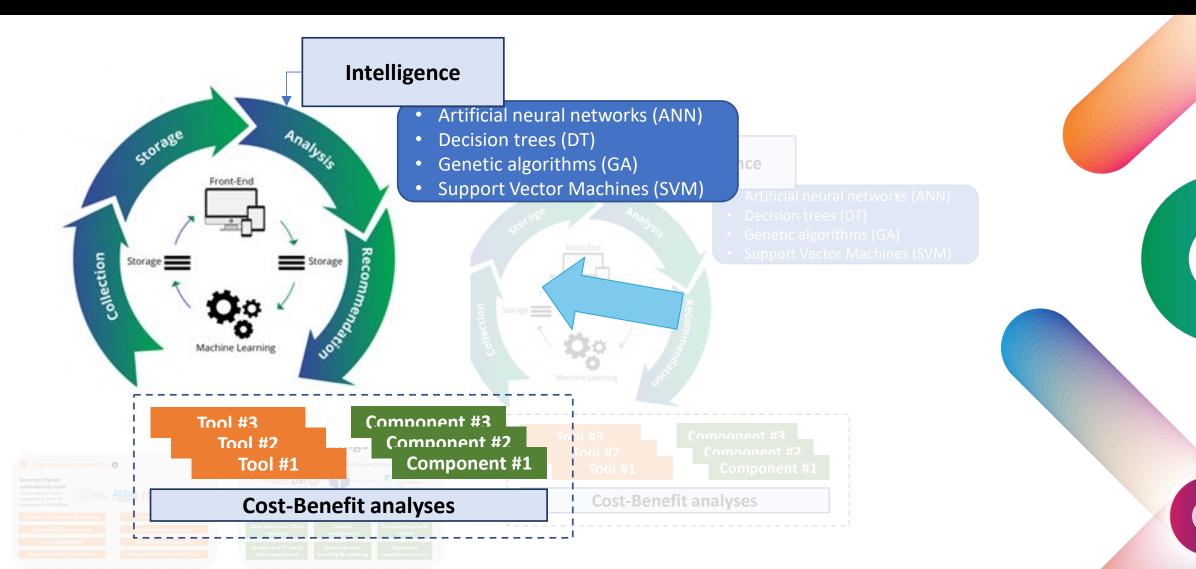
Privacy building blocks: contributed and open-source











Security building blocks: contributed and open-source

Privacy building blocks: contributed and open-source









SME Training and Education

Evidence-based GDPR compliance

Cutting costs through automation

Raise awareness – engage EU SMEs & MEs



Thank you!

Find more:

www.sentinel-project.eu

iotweek.org