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AI for Audit and Compliance

Helping CISOs Achieve Cybersecurity Regulatory Compliance

Enterprise Ireland

ECSO
EUROPEAN CYBER SECURITY ORGANISATION

WOMEN 4CYBER
EUROPEAN CYBER SECURITY ORGANISATION

LES MAISONS DU QUANTIQUE
STATION F

PROUD MEMBER OF
CYBER|IRELAND
2024 - 2025

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PARTIES RELEVANT TO AI SYSTEM MANAGEMENT

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Big Challenges Now Member States

Under EU Market Surveillance.

1. Obligations of Authorities and Assessment Bodies

Training, knowledge, distribution, records, reporting, cross-border sharing

2. Complex of Conformity Assessment Testing

Contextualize sector, org. structure, degree of tech, mass of production

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PARTIES RELEVANT TO AI SYSTEM MANAGEMENT

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Big Challenges Now for Board Members

Regulation Crossovers CRA, NIS2 & AI

1. Cybersecurity Accountability at Top Level

Know regulation and obligations if not technically savvy on legal mandates.

2. Validate and Maintain Security & Compliance

Involve experts in legal, risk, technology, finance, ops, and execs.

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PROTOSTARS AI NORTH STAR STRATEGY

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EU CYBER RESILIENCE ACT

Software CE Mark for Digital Products

10th December 2024 Regulation March 2027 deadline.

(The counter US Cyber Trust Mark under EU-US dialogue)

- Mandate: SECURITY-BY-DESIGN

  Challenge: How to validate and maintain product security & compliance

- Mandate: TRANSPARENT SECURITY REPORTING

  Challenge: Boards understanding obligations without being technically savvy

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The cost of a compliance assessment by an external party varies significantly based on several factors, including the regulation, company size, industry, and the complexity of the assessment. This is the reason why scoping (Initial Call) is a critical part of the assessment process.

PROBLEM

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Boards and CISOs lack scalable, AI-powered tools to meet complex CRA compliance demands

Across software, teams, and supply chains

1. Human Capacity

Traditional consulting audit process is manual, cumbersome and lengthy.

High audit-cost is significantly human-led due to time consumed reading, reviewing, reporting a lot of information.

2. Legacy Systems

Limits recognising interrelated control work over multiple audits.

Cause of costly rework and human frustration (staff churn), hinders risk & compliance effort.

3. Security Burden

Cyber and financial risk are significantly impact by audits.

Policies and code reviews create physical stress and burnout symptoms compounding risk.

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SOLUTION

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Protostars AI computes 3 simple stages to help achieve CRA compliance

An easy simple way for Boards to get a feel for where they sit to compliance

1. Listen (On Calls)

Goal-based AI agent to understand context, scope and report format.

During interviews of key stakeholders & control owners, Protostars hears what people say they do.

2. Look (Controls)

Utility-based AI agent to scan and validate evidence.

Protostars reads files types and technical environment to bridge code testing and compliance controls.

3. Learn (Report)

Reasoning-based AI agent to deliver auditors a real-time gap analysis.

Protostars corroborates findings with contextualized criteria and evidence to report under regulatory guidelines.

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INTERESTED PARTIES

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Cybersecurity Standards and Certification Gen AI Platform Model

AI only options available with Usage-based Billing for Continuous Regulatory Compliance

GOVERNANCE

EU-US-UK Authorities

National Authorities

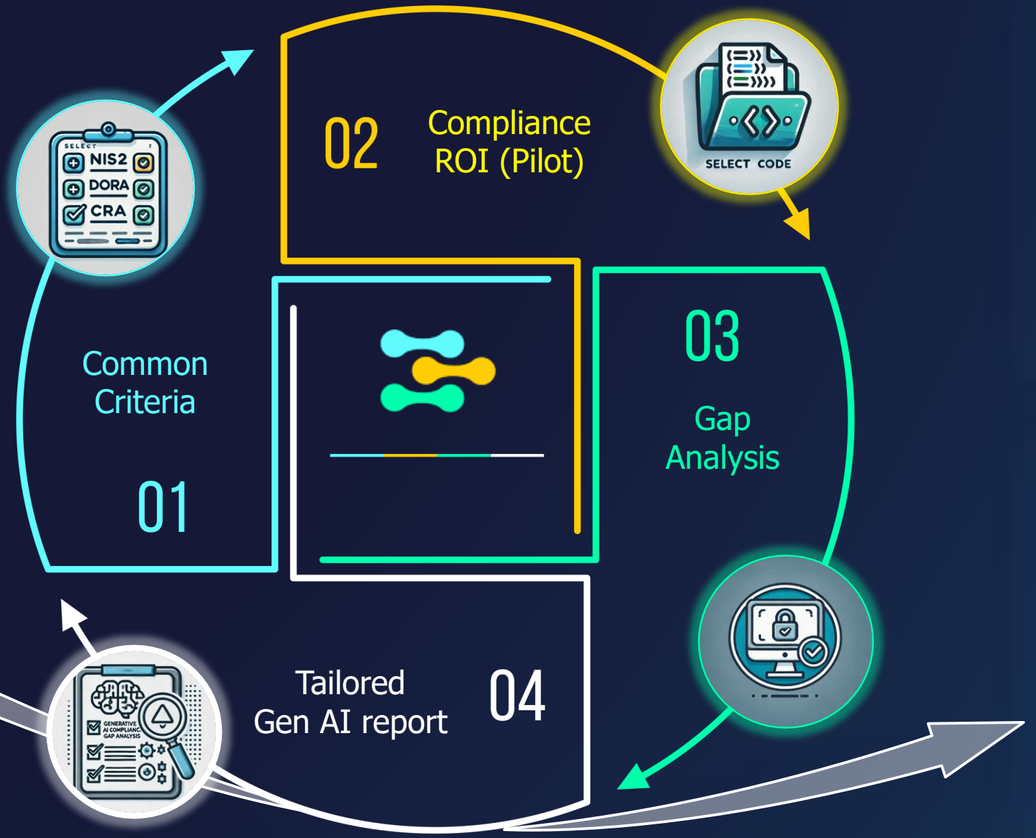
Regulators

STANDARDS & CERTIFICATIONS

Protostars AI Audit Reporting

Conformity Assessment Body

Notified Body for CE



TOP-LEVEL ACCOUNTABLE

Board

CISO / CXO

Top-level Accountable

TEAMS

Legal & HR

Finance & Ops

SecOps & DevOps

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VALUE POSITION

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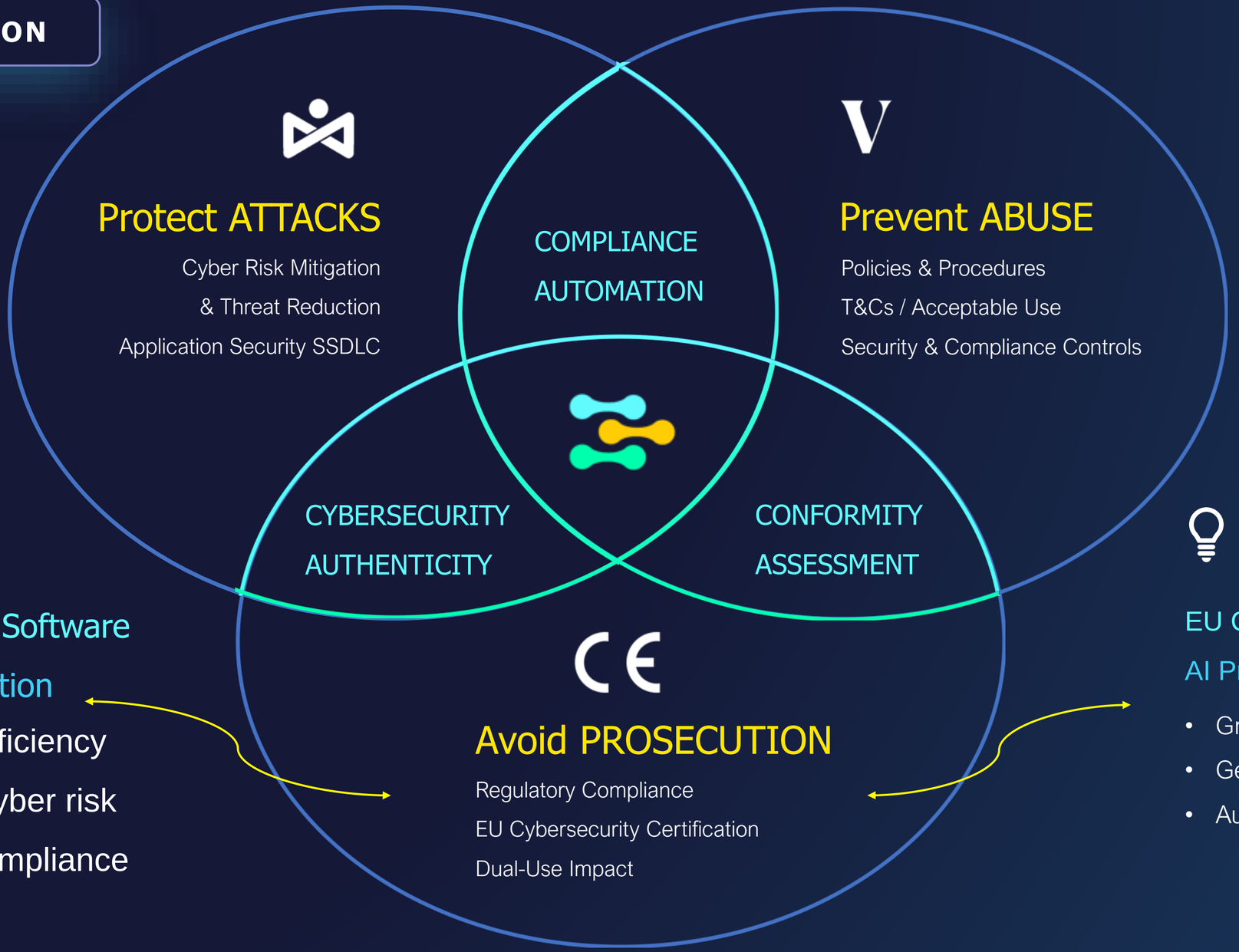

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Value Proposition

- Increase efficiency
- Reduced cyber risk
- Improve compliance

EU Cyber Resilience Act

AI Product Properties

- Grow context awareness
- Gen AI Remediation
- Autonomous GRC

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AI FOR AUDIT & COMPLIANCE

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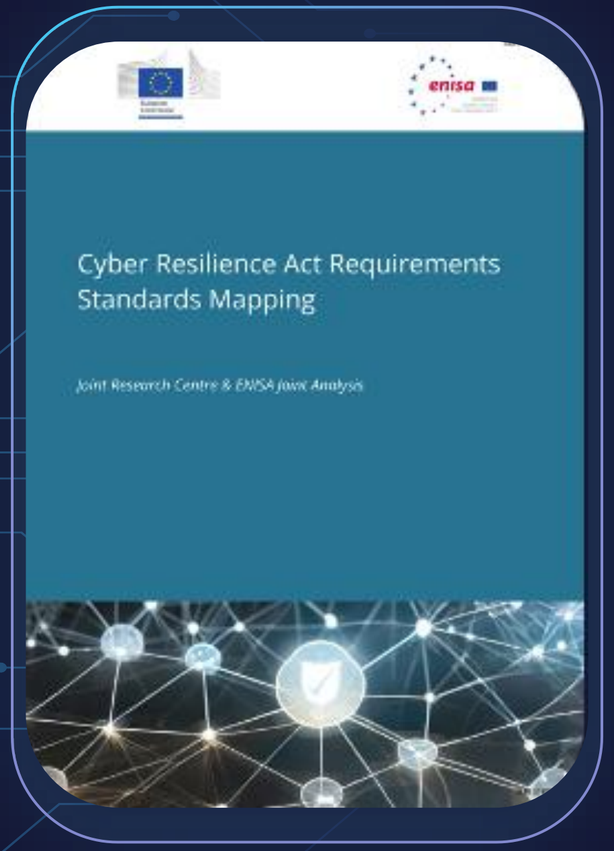
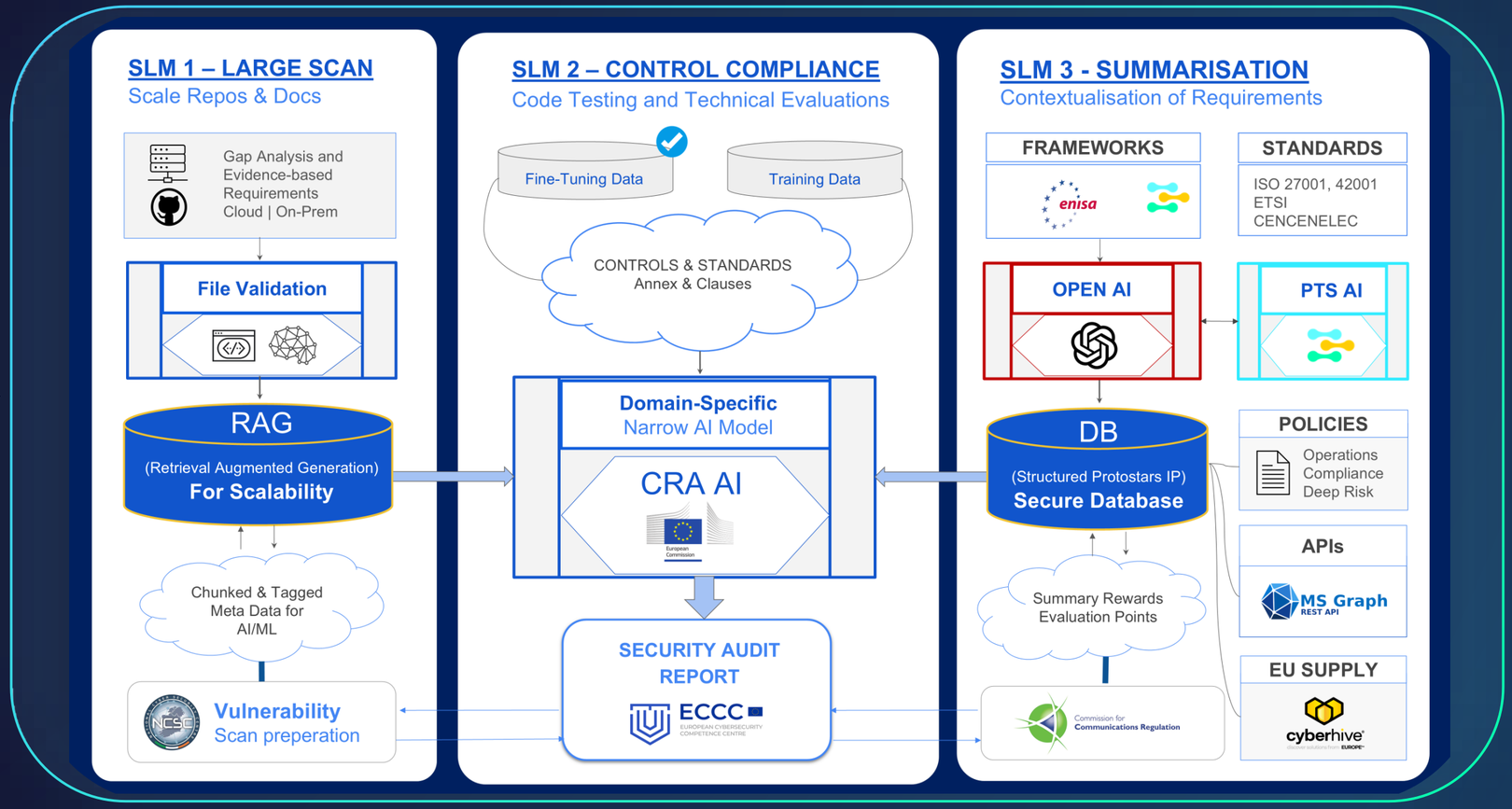
Three small security SLMs to (1) Chunk & Tag Code for scalability, to bridge (2) Evidence scanning and technical assessment with compliance controls and to (3) Summarisation in the context of organisation and product criteria.





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LEADERSHIP TEAM

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Diverse and Formidable Team with Enterprise A-Players and Startup Experience.

70% Women Leadership

KIM MCKAYED

CEO
CO-FOUNDER

18 years ICT

Led Service Delivery for Bank of Ireland with BT

DAVID FORTUNE

CISO
CO-FOUNDER

20 years IT InfoSec

Finance and Global Technology Enterprises

MOHAMED FAYEZ

CTO
CO-FOUNDER

10 yrs Software

Helped prevent Insurance Fraud in Irish Court

MONA IBRAHIM

COMMERCIAL COO
JUN 25 CO-FOUNDER

18 yrs Orange Business

Project Management, Product Management Programme Manager.

NOURAN ATTIA

AI DIRECTOR
FEB 26 CO-FOUNDER

8 yrs AI at IBM

Coding, business development and team expansion

FATMA ZRIBI

LEAD AUDITOR
GROWTH MARKETING

5 yrs Cyber Growth

MSc. CyberSec
Lecturer in University on SEO and Cyber.

RIDA VILLANUEVA

GOV. ADVISOR
ADVISORY BOARD

15 years GRC

EY, GT Leader, advising regulators,
Global manager

BT verizon EY Building a better working world IBM Ulster Bank Uber

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CEO

18 yrs ICT Startup / SME / Large Enterprise

DIRECTOR OF AI

8 yrs Large Enterprise

CTO FULL STACK

10 years Startup/MNC

CISO

20 yrs Large Enterprise

NLP SPECIALIST

4 yrs Startup

SENIOR BACKEND DEV.

8 yrs Startup/SME

SENIOR PRODUCT

18 yrs Large Enterprise

AI ENGINEER

3 yrs SME

FRONTEND DEVELOPER

8 yrs Startup/SME

SOFTWARE ASSURANCE

3 yrs Startup/SME

AI/ML ENGINEER

2 yrs Startup / SME

DEVSECOPS

2 yrs Startup/SME

SECURITY ANALYST

2 yrs Startup/SME

Information Classification - Confidential

MARKET VALIDATION

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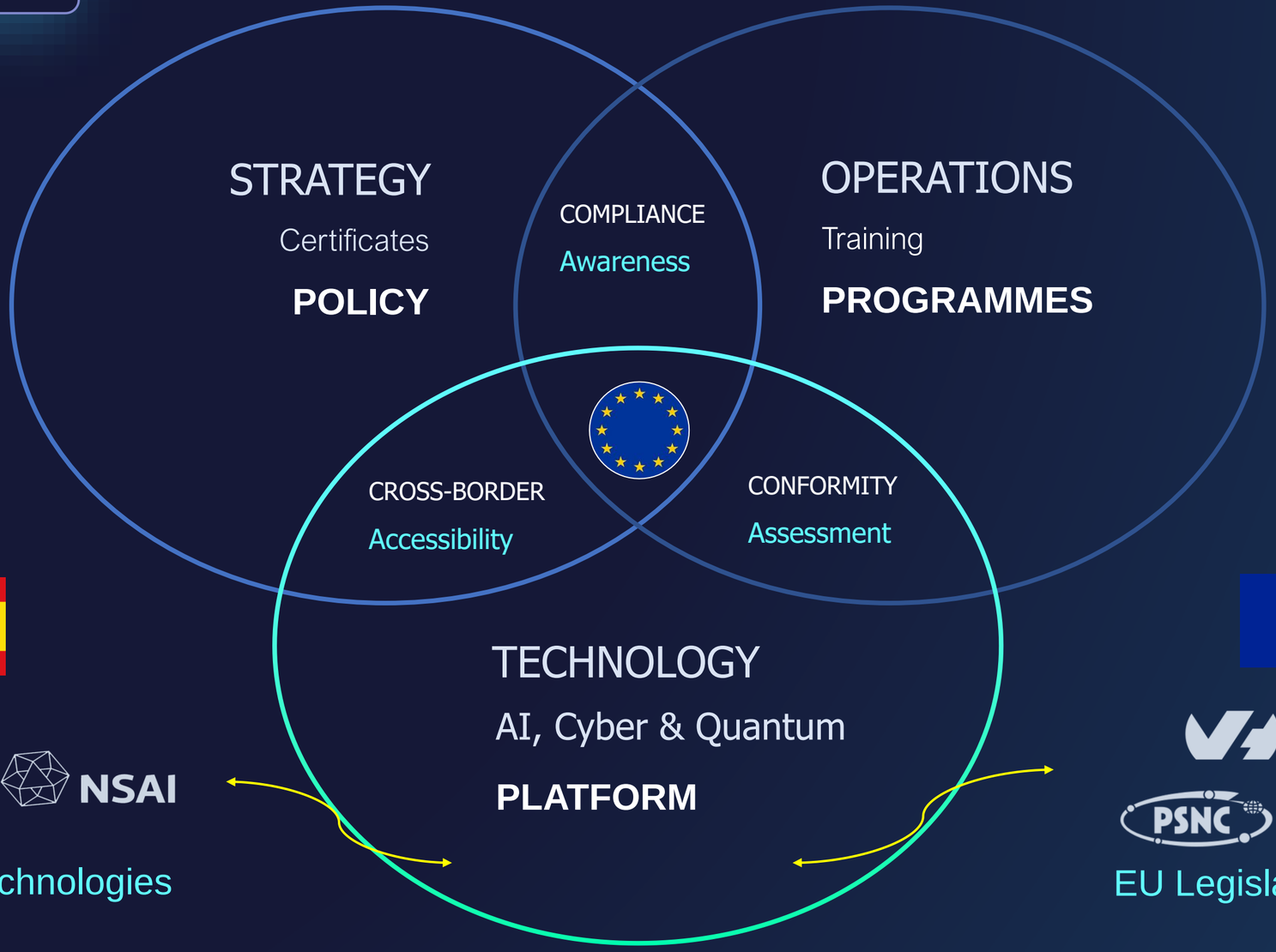

Advanced Key Technologies
1. KEYTECH

EU Legislation & National Strategy
2. CYBERSEC

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MARKET SIZE

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TAM

TAM = €215B x 25% = €53.75B

Global Cybersecurity Market: $215bn in 2024, CAGR14.3% annually (1)

Regulatory Compliance Share: Approx. 25% of security spending (2)

SAM

SAM = €57.75B x 30% =

€16.25B

EU CRA Scope: ~15% of global economy impacted (3)

US Cyber Trust Mark Act: Overlap adds 15% of global spend.

SOM

SOM = €16.125B x 1% = €161.25M

Protostars Adoption: Assume 1% penetration within EU & US

POSITION ANALYSIS:

Regulation-focused aligned with critical trends in EU CRA & US Cyber Trust Mark Act

EU €1 Bn investment: Foundational AI Need

Sources:
Gartner, DC Security Spending European Commission ,US Cybersecurity & Infrastructure

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TRACTION

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2025 Thales Trust My Tech Programme at Station F

Case studies with Gatwick, Thales and EU/UN Projects.

EU Discovery

EY Building a better working world

epam

NSAI

THALES

VINCI AIRPORTS

Global Expansion

2025 RAISING €2M SEED

Q2 2023	Q3 2024	Q1 2025	Q4 2025	Q1 2026
ESTABLISHED €60K ARR France	LEADERSHIP €310K Pre-Seed	EU DELEGATIONS TRL-4	ACCELERATOR TRL-6	EU DEP EXPANSION TRL-7
PROUD MEMBER OF CYBER IRELAND 2023 - 2024	Growing Capital	Enterprise Ireland	STATION F	European Commission

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FINANCIALS

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Co-funded by Enterprise Ireland 39 Global Offices 🚀
Bootstrapped €204k software consulting and raised €310k

Protostars **CAGR)** from 2024 to 2025 is on track projected at **317.6%.**
Using this growth rate, the projected revenue for the following years would be:

- **€150K ARR**
  WEIGHTED SALES TODAY
  6 Months runway
- **€15K Monthly burn**
  Product Engineering & Sales
  Leadership team growing
- **€5M EU Funding**
  2026 KEYTECH & CYBERSEC
  EU Digital Europe Programme

PLG of $1.1M ARR within 3 years

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AI QUANTUM ROADMAP

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AI for Audit & Compliance

PRIVATELY-HOSTED

2025:

Security-LLM Auditor

2026:

Multi-Modal Agentic AI

2027:

Remediate Gen AI Secure Code

B2B & B2G Integrations

Secure Code Analysis

OVH Startup Program

Quantum Safe Software CE

Post-Quantum Resilience

QUANTUM ACCESS

2026:

Le Lab Quantique (OVHcloud)

2028:

Digital Europe Programme

2030:

Protostars Quantum-powered AI

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Thank you!

Cybersecurity organizations we're collaborating with:

CYBER COMPLIANCE	CYBER RISK	CYBER GOVERNANCE
THALES	c-risk	NCSC

eit Digital

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InsTech.ie

Enterprise Ireland

ECSO EUROPEAN CYBER SECURITY ORGANISATION

WOMEN 4CYBER EUROPEAN CYBER SECURITY ORGANISATION

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