

SSRI SESSION – MODERATORS

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SSRI SESSION – PRESENTATIONS

SSRI-01-02: *Dominic Kelly* dominic.kelly@cbrneltd.com
Marcos Sacristán marcos.sacristan@sploro.eu

SSRI-01-04: *Gerulf KINKELIN* gerulf@cetrac.io
Turhan SOFUOGLU turhans112@gmail.com

SSRI-01-02

HORIZON-CL3-2025-01-SSRI-02: Uptake Acceleration Services

Presenters:

SSRI-01-02:

Dominic Kelly

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Marcos Sacristán

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Innovation Readiness and Integration Support

~Bridging Gaps in Organisational Resilience & AI Adoption for security actors~

- *Dominic Kelly*
- dominic.kelly@cbrneltd.com
- Role: CBRNE Ltd UK, S/T provider [Expertise in Organisational Resilience, AI Integration & Security Preparedness]
- Topic to be addressed: HORIZON-CL3-2025-01-SSRI-02: Uptake Acceleration Services

Proposal idea/content

Call context: HORIZON-CL3-2025-01-SSRI-02 calls for support services to **accelerate uptake of security R&I results** by practitioners and end-users.

Challenge we address

Security practitioners often lack internal readiness to adopt R&I outcomes — particularly those involving **AI and advanced digital tools**.

Our proposal: **IRIS (Innovation Readiness & Integration support)**

A transversal support framework to strengthen the **organisational conditions for uptake**, focused on:

- Implementation capability
- Digital maturity
- AI readiness
- Ethical and human-centred adoption

Project concept: IRIS

- **Overall objective:** To develop and pilot a set of **Uptake Acceleration Services** that address the practical, organisational, and ethical barriers faced by security practitioners and innovation providers in adopting Horizon Europe R&I results.
- **Key results [service components]**
 - Diagnostic tools to assess innovation maturity and digital readiness
 - Training modules on implementation planning and operational scaling
 - Tailored support packages for SMEs, start-ups and public authorities
 - Advisory framework on AI ethics, governance, and public trust
- **Expected Impact**
 - Higher uptake and application of Horizon security R&I outputs
 - Improved alignment with AI policy frameworks and societal values
 - Scalable model deployable across security domains and missions
 - Stronger practitioner capabilities across EU Member States

Project participants - We are looking for:

Project coordinators

- Experienced in civil security R&I and stakeholder engagement

Security practitioners / end-users

- Civil protection, police, border management, cybersecurity authorities

Start-ups & SMEs

- Offering deployable tools or facing real-world adoption challenges

Training, Ethics & Policy Experts

- Responsible innovation, stakeholder engagement, AI governance

CBRNE: Contributing as a service and methodology provider in:

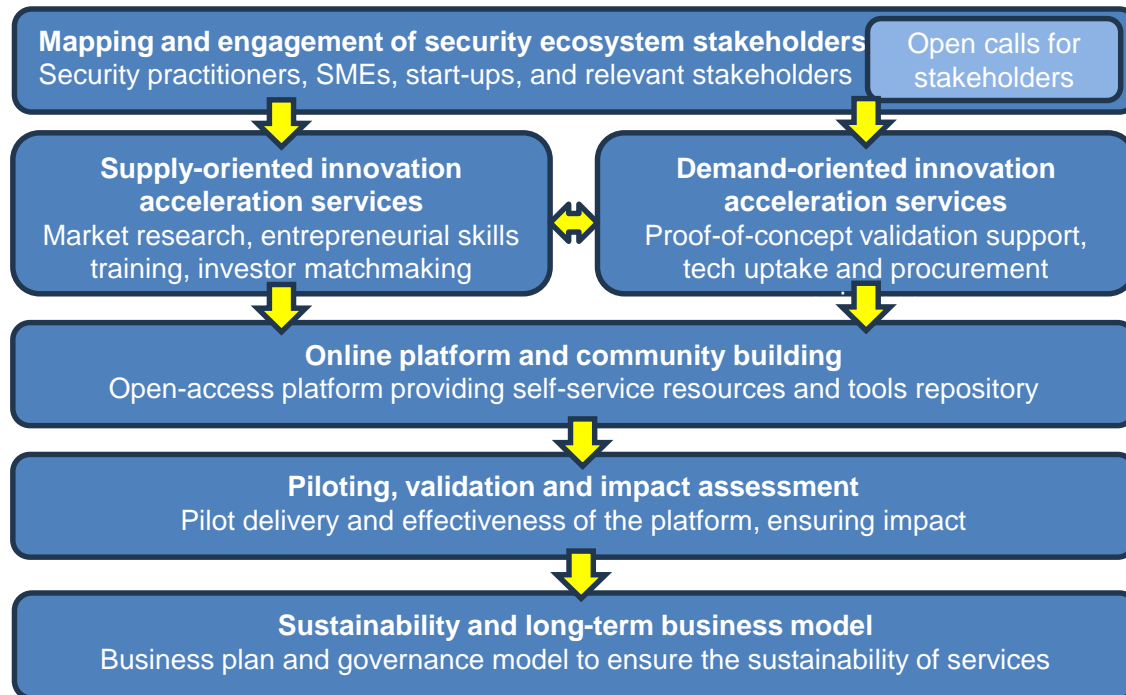
- Data readiness diagnostics
- AI ethics and governance
- Organisational acceptance and adoption
- AI Organisational Readiness Accelerator (AI ORA) – structured integration support for public and private actors

Secure-Up proposal

- *Marcos Sacristán*
- Marcos.sacristan@sploro.eu
- *SPLORO*
- Role: *Proposal coordinator & WP leader*
- Topic to be addressed: HORIZON-CL3-2025-01-SSRI-02: Uptake Acceleration Services

Proposal idea/content

- SECURE-UP: Security Innovation Acceleration Services -> WPs



Project participants

- Existing consortium:
 - Coordinator:
 - *Proposal coordinator: SPLORO - Project coordinator: TBC*
 - Partners / Other participants:
 1. Accelerator in the area of security solutions
 2. Incubator in cybersecurity
 3. SPLORO:
 - Services for SMEs and startups addressing market, innovation, funding
 - Manager of FSTP (open calls and cascade funding)
- Looking for partners with the following expertise:
 - *Security Practitioners / Communities of security practitioners*
 - *RTO – Research Institutions*
 - *Demand-oriented service providers*
 - *Digital Innovation Hubs / Cluster organisations in security*

SSRI-01-04

HORIZON-CL3-2025-01-SSRI-04: Accelerating uptake through open proposals for advanced SME innovation

Presenters:

SSRI-01-04:

Gerulf KINKELIN

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Turhan SOFUOGLU

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European hardware firewall for critical infrastructure interconnection

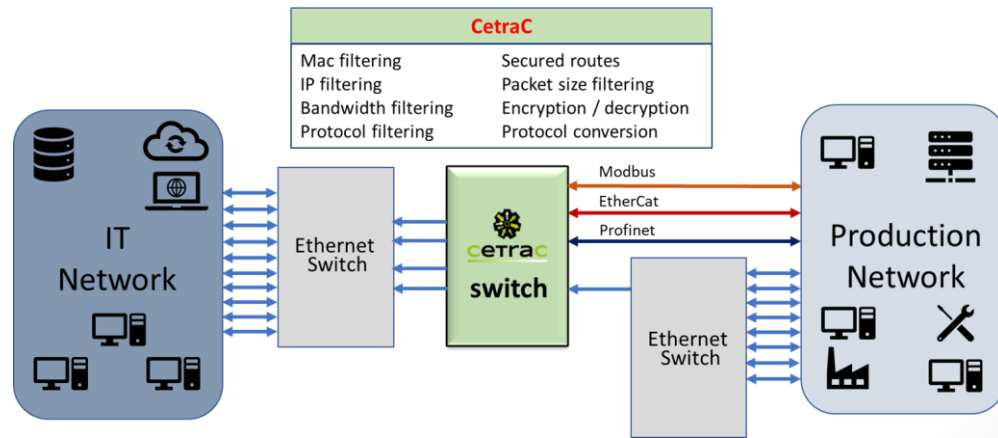
- *Gerulf KINKELIN*
- *gerulf@cetrac.io*
- *CetraC.io*
- *Role: WP leader*
- *Topic: HORIZON-CL3-2025-01-SSRI-04: Accelerating uptake through open proposals for advanced SME innovation*

Affordable network diodes will be key building-blocks to safely interconnect critical infrastructures (medical, transportation, energy...), according to zero-trust architectures core principles.

European hardware firewall for critical infrastructure interconnection

- *Network diodes enable extraction of data from critical areas without offering a return path to attackers*
- *Current network diodes are too costly and complex to be generalized*
- *Full-hardware network diodes with automated white list filtering and deep packet inspection will complement classical but still fragile software-based firewalls*

Example for a manufacturing plant



Project participants

- Consortium to be set up with other building blocks providers:
 - Partners to be identified
- Looking for partners with the following expertise/ technology/ application field:
 - AI-based deep-packet inspection
 - Post quantum encryption for the key exchanges
 - EU-based FPGA provider

- **Dr. Turhan SOFUOGLU**
- *turhans112@gmail.com*
- **ANDCOM Research & Consulting LTD (SME)**
- **Role:** *Coordinator (?), WP leader, S/T provider*
- **HORIZON-CL3-2025-01-SSRI-04:** Accelerating uptake through open proposals for advanced SME innovation Specific conditions



Proposal idea/content



- Option B “**Disaster-Resilient Society**”
- Logistics management between SMEs, Relief Organizations, Government Agencies and Volunteers with technological solutions in disaster and emergency situations.
- Accelerating technology transfer of innovative security solutions for SME development and manufacturing
- Access to financing, technical expertise and testing facilities to empower SMEs
- Logistics Management Application Development
- Access to Market and Commercialization
- Technological Compatibility and Integration



CoordLog



Project participants



- Existing consortium:
 - Proposed coordinator: ANDCOM (?) .. TBC
 - Partners / Other participants: 1 FR and 2 SMEs from 3 different EU countries
- Looking for partners with the following expertise/ technology/ application field:
 - Coordinator
 - RTO/SME (experienced in software and applications)
 - Government Agency /Relief Organization

CoordLog