Integrated Framework for Predictive and Collaborative Security of Financial Infrastructures

The 1st ECSCI Virtual Workshop, 24/06-2020, Google Meet

This project has received funding from the European Union's horizon 2020 research and innovation programme under grant agreement no 786727

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European Cluster for Securing Critical Infrastructures - ECSCI

ECSCI Liaison Plan

- European Commission encourages collaboration among funded projects

- The Liaison Plan
  - create the ECSCI cluster of H2020 projects dealing with cyber and physical security of critical infrastructures and underpinning complex architectures

ECSCI's main high-level objectives are:

- Scientific Collaboration
- Technical Collaboration
- Communication & Dissemination (Workshops, Press, Web Presence,...)
- Stakeholder Alliance
- Marketplace

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ECSCI Specific Objectives

- create synergies and foster emerging disruptive security solutions via cross-projects collaboration and innovation
- focus on the different approaches between the clustered projects
- establish tight and productive connections with closely related and complementary projects
- promote the activities of the cluster
  - international scientific conferences/ workshops
  - national or international stakeholders workshops, involving both policy makers, industry and academic practitioners, and representatives from the European Commission.

ECSCI Cluster Members

DEFENDER

FINSEC

ANASTACIA

INFRA STRESS

SAFECARE
Integrated cyber-physical security for health services

RESISTO

STOP-IT

SMART RESILIENCE

SATIE

SPHINX

SecureGas
Securing the European Gas Network

EUROPEAN CLUSTER FOR SECURING CRITICAL INFRASTRUCTURES

SCIENTIFIC COLLABORATION	Joint workshops and conferences; Co-writing of academic papers, books, etc.
TECHNICAL COLLABORATION	Sharing approaches on cyber physical security, risk assessment and predictive analytics
COMMUNICATION & DISSEMINATION	Common web and social media presence; dissemination of joint events
STAKEHOLDERS' ALLIANCE	Mobilisation of local ecosystems
MARKETPLACE	Extension of FINSEC Marketplace to other sectors (health, energy, communication, gas, water)

ECSCI Success Stories

ECSCI Success Stories: Events

#	Events	Organizers	Participants	Place and Dates
1	SAFECARE Awareness Event	SAFECARE	FINSEC, SATIE, SPHINX	Leuven, September 18, 2019
2	FINSEC 2019 (1st International Workshop on Security for Financial Critical Infrastructures and Services Co-located with ESORICS 2019	FINSEC	DEFENDER	Luxembourg, September 27, 2019
3	1st ECSCI Virtual Workshop	All Cluster members	All Cluster members	Google Meet, 24-25, June 2020
4	CPS4CIP 2020 (The 1st International Workshop on Cyber-Physical Security for Critical Infrastructures Protection) Co-located with ESORICS 2020 Check CPS4CIP 2020: https://sites.google.com/fbk.eu/cps4cip20	FINSEC, DEFENDER, RESISTO, SAFECARE, STOP-IPT	All Cluster members support the workshop	Guildford, UK, September 14-18, 2020

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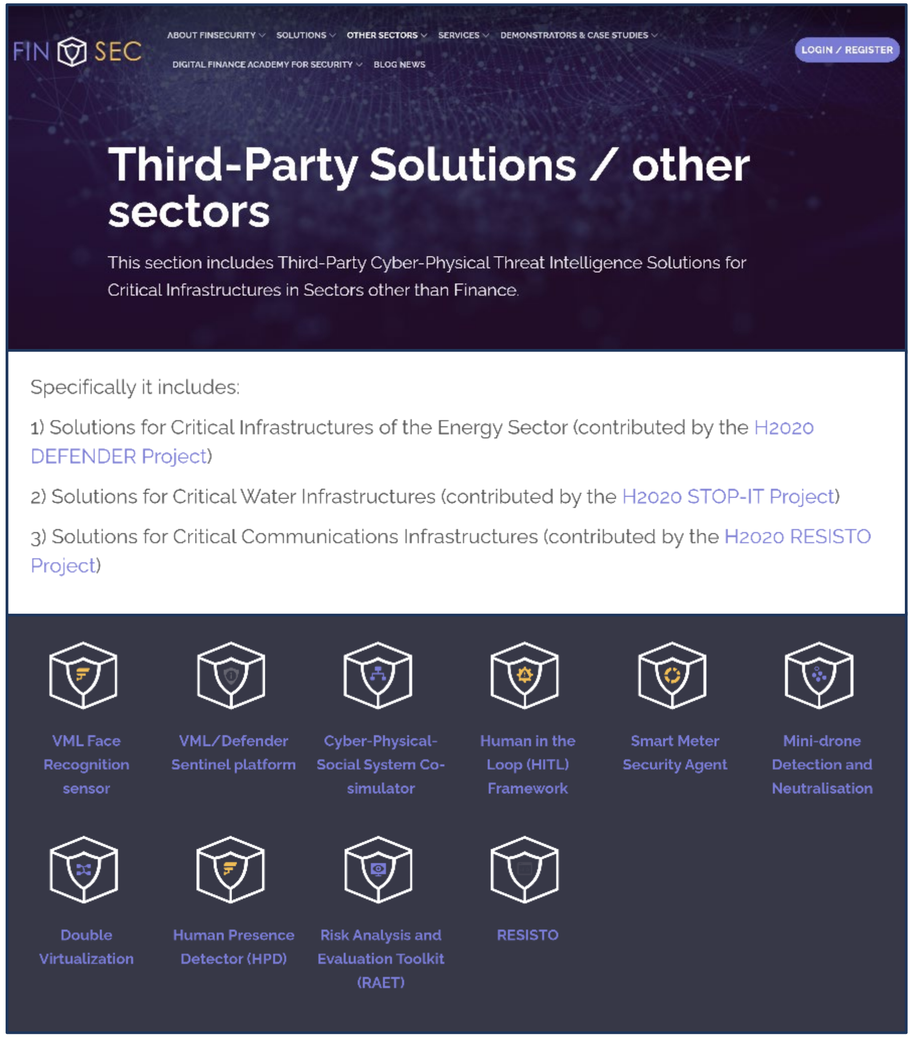
ECSCI Success Stories: Collaboration & Information Sharing

- Co-editing Open Access Book
- Book Chapters
- Marketplace: Finsecurity.eu

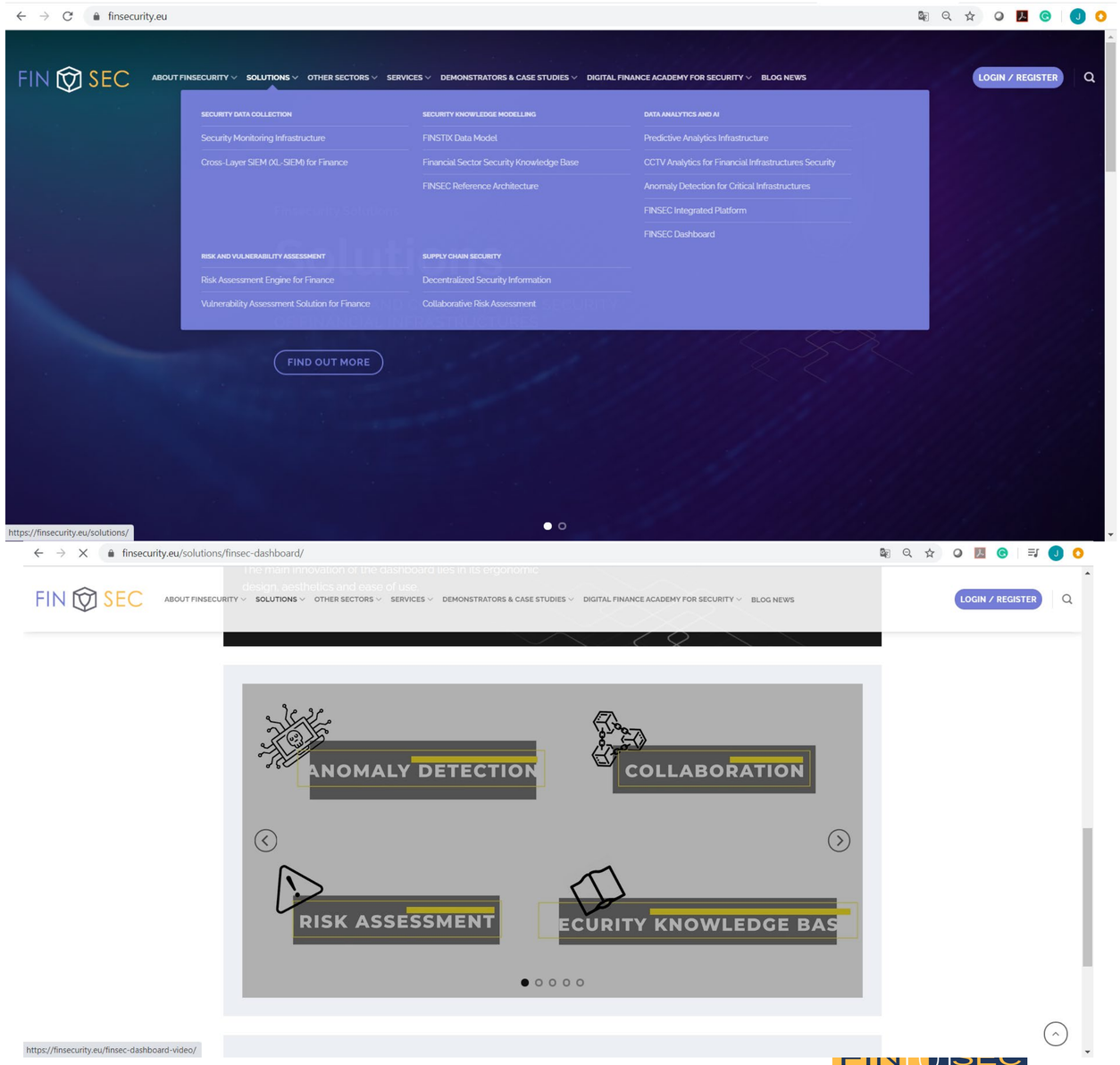


The Open Access Book

- Titled: Cyber-Physical Threat Intelligence for Critical Infrastructures Security
- Editors: J. Soldatos (FINSEC), G. Giunta (DEFENDER), J. Philpot (SAFECARE)
- 23 Chapters Published by Now Publishers
- Structured in Five Parts:
  - Finance, Energy, Healthcare, Communications, Sector Agnostic Topics
- Collaboration of five (5) Projects:
  - FINSEC (9 Chapters)
  - DEFENDER (3 Chapters)
  - SAFECARE (4 Chapters)
  - RESISTO (6 Chapters)
  - SPHINX (1 Chapter)

The Finsecurity.eu Market Platform

- Single Entry Point to FINSEC Solutions
- Promotional Channels for the Project's Results
- Recently enhanced with an "Other Sectors" Section
- Destined to Present and Integrate Solutions from Other Projects
- Early Contributors:
  - DEFENDER / Energy
  - STOP-IT / Water
  - RESISTO / Communications
- Additional Contributions Pending
- Important: **Register with Finsecurity.eu – it takes 1'**



ECSCI Takeaways

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ECSCI Takeaways

- Stimulate the uptake of project results
- Exploit synergies
- Share best practices
- Stimulate network and alliance formation
- Become Collaborative platform
- Increasing public awareness

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Contact

Habtamu Abie, Ph.D., Chief Research
Scientist, Norwegian Computing Center
P. O. Box 114 Blindern
N-0314 Oslo, Norway

Tel: (+47) 22852595
E-mail: Habtamu.Abie@nr.no
http://www.nr.no/~abie/

Davide Mauro Ferrario,
MSc in Mathematics
Project Manager
Zanasi & Partners

Mobile: +39 334 9375289
E-mail: davide.ferrario@zanasi-alessandro.eu
Skype: dmferrario