

ECS

EUROPEAN CYBER SECURITY ORGANISATION



Work status and scheme composition

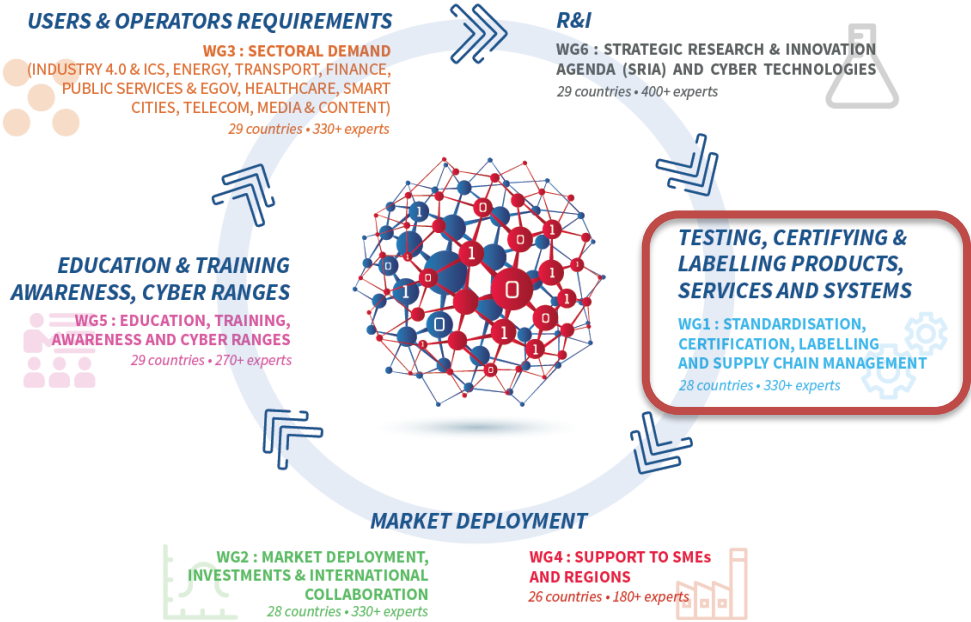
Mario Jardim

ECSO WG1 co-chair

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ECSO Secretariat

ENISA – ETSI – CEN – CENELEC Conference:
Standardisation and the Cybersecurity Act – what's up?
– 03 February 2020 – *Brussels (Belgium)* –



ECSO Manifesto

<https://ecs-org.eu/press-releases/ecsso-manifesto-2019>



1. Improved resilience for the increased digitalisation of society
2. Technological, Societal, Economic and Political Issues. Different views, one challenge: cyber threats
3. A comprehensive European cybersecurity strategy and industrial cybersecurity policy, supported by a stronger digital education and awareness
4. EU industry competitiveness driven by European stakeholders supported by targeted investments
5. Increased European Cybersecurity Strategic Autonomy for Cybersecurity
6. Trusted supply chains
7. From National cooperation to EU approaches: the European Cybersecurity Community
8. Future EU cybersecurity organisation and evolution of ECSO in an enhanced Public-Private Cooperation

WG1 – Standardisation, Certification and Supply Chain Management

<https://ecs-org.eu/working-groups/wg1-standardisation-certification-labelling-and-supply-chain-management>

Mission & Objectives

1) Support to the roll-out of EU ICT security certification framework and its priorities

Standard recommendations to support cybersecurity certification schemes

Security assessment guidelines of components, systems and services

Impact of security assessment along the supply / value chain in Europe for increased digital autonomy

Cooperation with EU and international bodies (ETSI and CEN/CENELEC on standardisation, ENISA on certification, JRC for the IACS pilot project, MSP)

Strategy

Connected products: reduced time to market thanks to composition approach

- Work on the inter-relationship of certified components based on standards for trusted supply chain and product certification following EU cyber act.

Study systems and services dependencies: look at standards and best practices for processes & people

- Work on understanding the needs, current approaches for risk management and professional certifications.

WG1 already available work

To foster trust in digitalization and promote innovation

ECISO Meta-Scheme Approach helps to harmonise the minimum security requirements, define a unified levelling across verticals, and provide a common way to define the scope and required security claim.

➤ <https://www.ecs-org.eu/documents/publications/5a3112ec2c891.pdf>

It can act as a methodological tool to structure the landscape, “glue” together the existing schemes and specify additional steps

ECISO Assessment options explains how to benefit from the right mix of security assessments, and what constraints to be aware of.

➤ <https://www.ecs-org.eu/documents/publications/5d6fbbd00cfe7.pdf>

It provides insights to organisations that are building their cybersecurity capabilities and need to choose how to assess security

ECISO State of the Art Syllabus gives an overview of existing certification schemes and standards (products & components; ICT services; service providers & organisations; security professionals) ➔ ~290 standards & certification schemes

<https://www.ecs-org.eu/documents/publications/5a31129ea8e97.pdf>

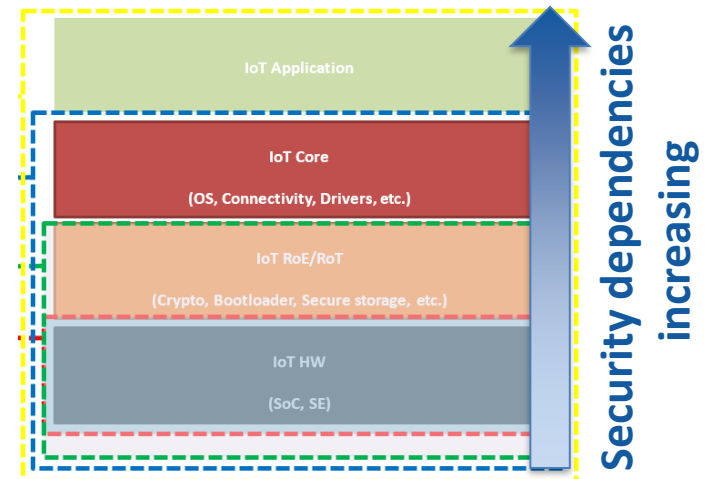
It provides a cartography in standardization – currently under revision – new version coming soon!

Benefits of a composition approach

- **Enable** efficient **re-use** of **certificates** and **evaluation evidence**
- **Decrease** certification **cost** and **improving** overall process **speed**
- Benefit horizontal components **specialized in application** domains (verticals)
- Strongly **contribute** on the **time to market** of certified products for the EU

Digital Single Market

- **Composition document** – underlying principles and practical aspects focusing first on connected components (ex. IoT and IIoT)
 - Within the **same** scheme (standard)
 - Within **different** schemes



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