ECS
EUROPEAN CYBER SECURITY ORGANISATION

JANUARY EDITION
AWARENESS CALENDAR

Cybersecurity certification

Awareness Calendar **CYBERSECURITY**

This calendar will feature a different topic each month to spread awareness of key aspects of cybersecurity and showcase ECSO Members and cybersecurity community's solutions and services.

The monthly themes for 2022 are planned as follows:

- January – Cybersecurity certification
- February – Internet of Things
- March – Gender diversity in cyber
- April – Artificial Intelligence
- May – Cyber ranges & range-enabled services
- June – Cybersecurity for verticals
- July – Social engineering
- August – Privacy & data security
- September – Organisational resilience
- October – Cyber hygiene & readiness
- November – Cloud computing
- December – Threat & vulnerability management

DID YOU KNOW?

- The certification market is dominated by non-European, especially US, companies. A European wide certification scheme including an education framework is lacking. An ECSO publication takes stock of the cybersecurity certification situation in Europe. READ MORE.
- One of the challenges identified by ECSO and its Members is the definition of vertical and horizontal certification schemes according to the different market segments, also considering the different regulations dealing with safety and regulating specific sectors. More information is available HERE.
- At the moment, a number of different security certification schemes for ICT products exist in the EU. But, without a common framework for EU-wide valid cybersecurity certificates, there is an increasing risk of fragmentation and barriers between Member States. This issue is being tackled by the EU cybersecurity certification framework. READ MORE.

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RESOURCES FROM OUR MEMBERS

New year, new career!

If you are interested in a career in cybersecurity, or a move within the industry, but are not sure which job might suit you best then the Cybersecurity Learning Hub is a great place to start! It's a collaboration between The World Economic Forum, Global Cyber Alliance, Salesforce and Fortinet.

GLOBAL CYBER ALLIANCE™

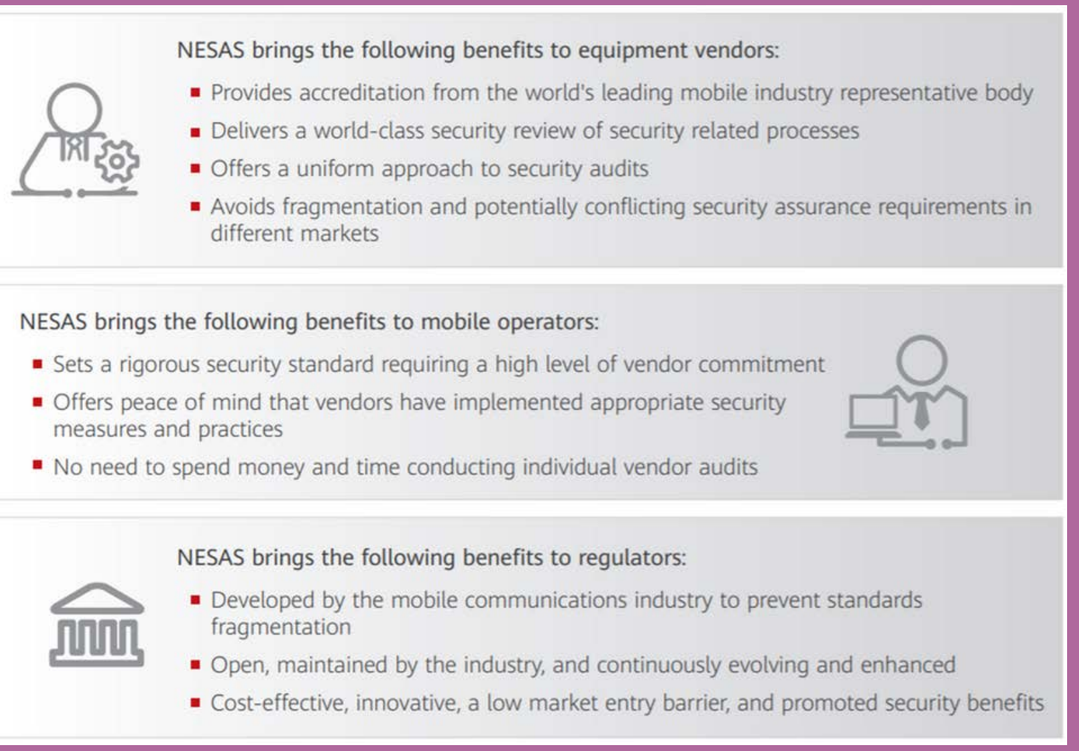
Scrolling down you will find a host of different job roles and required skill sets. If any are of interest then you can start the associated learning journey to find out more. Although not a globally recognised certification scheme, participants are rewarded with points and badges along the way - and it's absolutely free!

Certifications allow cyber security risks to be assessed in a rational and objective manner and enhance trust in technologies: example NESAS.

The Network Equipment Security Assurance Scheme (NESAS) provides an industry-wide security assurance framework to facilitate improvements in security levels across the mobile industry.

PROCESS AUDIT
Security assessment of the vendor development and product lifecycle processes

Security evaluation of network equipment



- Endorsed by 10+ Tier 1 Operators
- Endorsed by all major Vendors
- 2 European audit firms and 10+ test labs under construction.

A new beginning

SPANISH NATIONAL CYBERSECURITY INSTITUTE

For this New Year, we propose you a cybersecurity resolution: get certified or learn how certifications work.

For those who want to be **CS professionals**: take a look at our training catalogues from where you can analyse the available programmes in Spain and find out where to get training to become certified in this field. READ HERE.

For SMEs: Not yet familiar with certification tools and services? With them you can make sure that all planned security measures are implemented and you can even obtain a certificate to show your company's cybersecurity level. READ HERE and HERE.

At home: Learn about secure websites seals and how they help us to protect our security and privacy. READ MORE HERE.

For children and educators: Take a look to this blog post about the Thematic Network POSCON criteria for providing positive online content for children, targeting families, schools and content providers. READ MORE HERE.

(ISC)2 and the case for cybersecurity certification

(ISC)2 offers a portfolio of leading qualifications directly aligned to cybersecurity professionals' career growth, ranging from operational, hands-on security administration to management and leadership to specialised roles. (ISC)² information security certifications are held by more than 160,000 members worldwide and are recognised as the global standard for excellence, including accreditation by ANSI, IAF and IAS. Certifications from (ISC)² provide businesses, governments and organisations with assurance that their staff have been tested on profession best practices and possess broad knowledge of their fields along with sound professional judgment. The (ISC)2 portfolio of certifications includes:

CISSP: for experienced security practitioners, managers and executives interested in... READ MORE.
SSCP: for IT administrators, managers, directors and network security professionals... READ MORE.
CCSP: for IT and information security leaders responsible for applying... READ MORE.
CSSLP: for software development and security professionals responsible for applying... READ MORE.
CAP: for IT, information security and information assurance practitioners who... READ MORE.
HCISPP: for information security professionals charged with guarding protected health...READ MORE.

CCCAB, the first validation tool for Common Criteria funded by the European Commission

CCCAB (Common Criteria Conformity Assessment Body) Tool is a project that will allow Common Criteria CABs under the new EUCC scheme to smooth the certification process for ICT products reducing the cost and time required in each single certification process.

The development and implementation of the tool will allow to handle the certification process in an automatised manner (e.g. ITSEF evaluation validation, certification report and certificate generation, publication, communications, etc...) reducing the manual effort required during the process.

This tool is funded by the European Commission within the Connecting Europe Facility (CEF) programme and will be available for use free of charge by April 2023.

READ MORE HERE.

WATCH THE VIDEO HERE.

Certification @ Rabobank

Rabobank

- No product or service certification
- Security Learning Framework addresses certification:
  -Security advisor: (ISC)2 CISSP, CCSP or ISACA CISM
  -Pen tester: CEH, OCSP
  -Cloud vendor specific certification
    -Azure security engineer (az-500)
    -AWS cloud practitioner essentials (course 100570)
- Required by regulator

Red Alert Labs' IoT security assurance framework

RED ALERT LABS
IoT Security

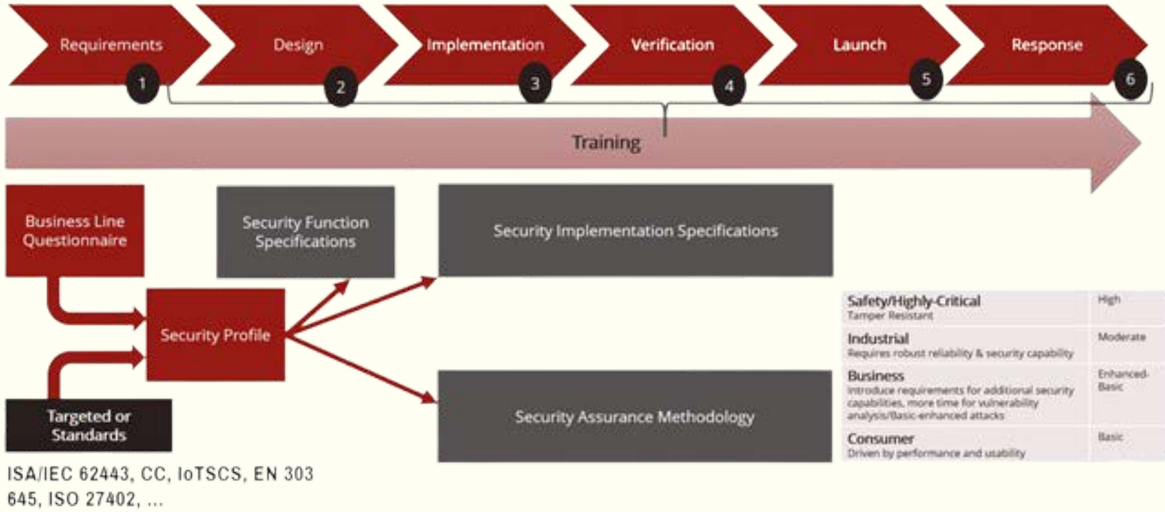
48% of tech decision-makers view the fragmentation of standards and regulations as the biggest IoT security challenge. Today, this challenge lies in understanding which regulations apply and whether IoT regulatory compliance is enough to provide adequate security.

Red Alert Labs' IoT security assurance framework proposes security profiles as key elements to provide harmonisation of an industry wide IoT products security.

We first, outline the scope of security engineering specifications, then, we present the Security Profile as an anchor point to allow harmonisation - between business partners, as well as industry-wide security requirements, along with dependent framework elements, namely:

- Security Objectives
- Security Function Specifications,
- Security Implementation Specifications,
- Security Assurance Methodology (Optional)

Our partners reach out to us at any stage of the product or solution lifecycle.



CORAL-Project

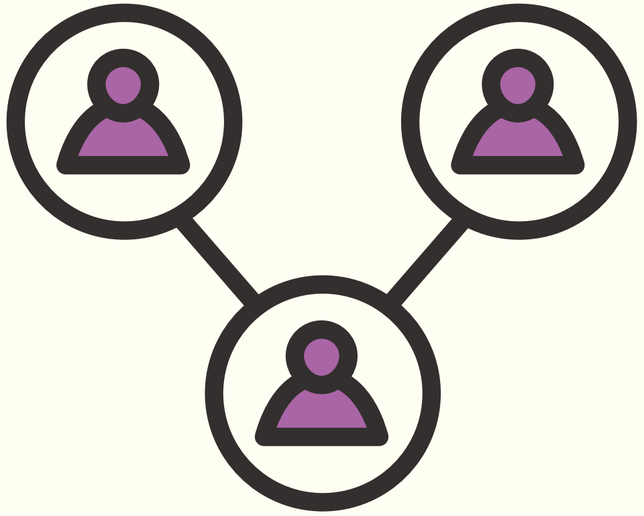
(cybersecurity Certification based On Risk evALuation and treatment)

SECURITY MADE IN.LU | Cybersecurity Agency for the Luxembourg Economy and Municipalities

CORAL is a European Union-funded project under CEF Telecom Call, that aims to elaborate a toolkit and methodology to speed up the certification process in line with the EU Cybersecurity Act or CSA (Regulation EU 2019/881). The project aims to address challenges concerning self-certification and the basic level of assurance, as well as to enhance the exchange of good practices, collaboration and information sharing related to performing evaluations in line with the CSA.

CORAL brings together the expertise of 3 key players of the Luxembourg cybersecurity and normalisation, that have a wide range of expertise in the areas of cybersecurity and security certification.

The project started in September 2021 and has a continuous development and improvement over time. Stay tuned and follow the progress.



RESOURCES FROM THE COMMUNITY

Industrial landscape of IoT cybersecurity certifications

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The New 2022 year is going to be challenging since more and more IoT regulations come into force. In one way, it will become mandatory to comply with some of IoT cybersecurity certifications for specific industries. Learn more about IoT cybersecurity certifications that will make your consumer/aviation/automotive/medical/industrial IoT device cyber secure & compliant HERE.

CONCORDIA cybersecurity roadmap for Europe

Cyber security cOmpeteNCe fOr Research anD InnovAtion

Cybersecurity Roadmap for Europe focuses on the building, achieving and sustaining European Digital Sovereignty. We identify market fragmentation and uncertainty with regard to the assurance provided by existing arrangements and scheme propose short, mid and long-term aims regarding certification. READ MORE HERE.

Cybersecurity Certification (ISTEC)

The Turkish Internet of Things Security and Evaluation Cente (ISTEC) specialises in and focuses on IoT device cyber security, which includes hardware, software, communication and regulatory compliance testing. ISTED is pleased to inform readers about its performed testing in accordance with ETSI TS 103645, TRTEST IoT Device Criteria, and a variety of specific on demand cyber security tests. READ MORE.

How Practical Training Can Bring Your Cyber Security Certification To the Next Level

Getting a cybersecurity certification is a first step to start your career in cyber security. But to maintain your certification, you'll need to complete a specified amount of continuing education. At itrainsec we facilitate immersive learning to level-up your skills. READ MORE HERE.

Security Assessment to identify, analyse and prioritise security risks

Sababa Security

Bringing transparency into the company's security health status is fundamental to mitigate cybersecurity risks and this is where the security assessment can help. In this regard, the NIST cybersecurity framework is one of the most powerful tools to assess IT networks and improve cybersecurity posture. Learn more HERE.

THANK YOU

for your time!

The Cybersecurity Awareness Calendar
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