

CYSSME CyberSecurity for Industry and Manufacturing MEs and SMEs

Ulrich Seldeslachts,
Paris, May 21st, 2024



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the European Union



ECCC
EUROPEAN CYBERSECURITY
COMPETENCE CENTRE

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CYSSME offers cybersecurity services for European micro, small and medium-sized businesses up to 250 employees or 50m euros in consolidated turnover.

cyssme.eu



CYBERSECURITY IS A PROCESS

Supported by people and technologies, you can improve your situation. We can help you identify where, how and define priorities. CYSSME can support in making the right choices, setting the priorities and getting actionable on what needs to be done.

CYBERSECURITY MATURITY IMPROVEMENT



CYSSME : BORN OUT OF THE SECURIT-PROJECT

- SecurIT-partners focused on working with Security & Cybersecurity SMEs and supporting innovation development



*Skopos Security
Labs B.V.

CyberSec2SME



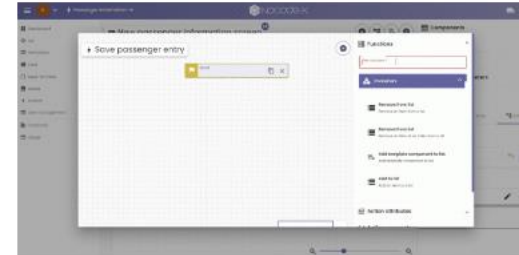
Beia GmbH



RASAD

 Nether

 Austria



*co-dex.eu bvba



 Belgium

 France



CYBERSECURITY WITH MEs AND SMEs



57%

of small and medium enterprises experienced a cybersecurity breach



26%

of medium sized companies have experienced cyber crime in the last 12 months



> \$500K

Duvel-hackers demanded more than half a million dollar: 'We operate from Lithuania and Russia'

Sources <https://guardz.com/go/survey/> - 2023 - Cyber security breaches survey 2023 – De Morgen, 2024

CYBERSECURITY WITH MEs AND SMEs

- Micro businesses are most likely to **solely use internal staff** to undertake audits (44% of the micro businesses undergoing any type of audit)
- Small businesses have the greatest tendency (44%) to **only use external contractors**
- One of the common behaviours among organisations that developed a **formal strategy** was **to have cyber security break away from another department like IT**, facilities
- **"Spending is usually reactive.** If there is a problem, then it is fixed. We don't have budget set to go towards cyber security. It's hard to gauge, as you do not know the extent of data attacks and its cost". – Purchasing and IT Manager, small business



Cyber security breaches survey 2023

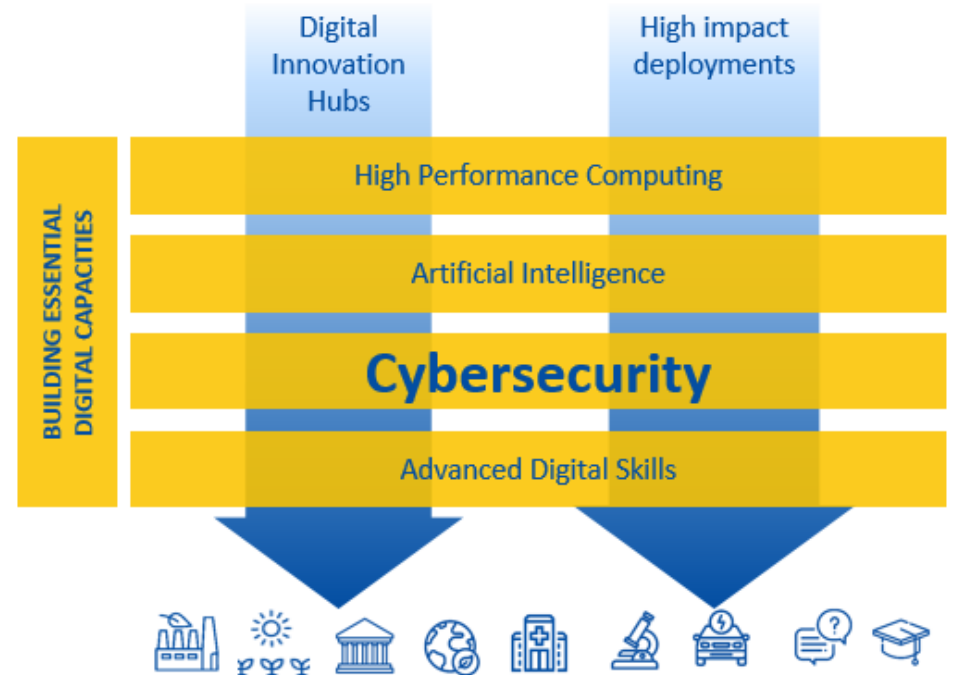
WHAT: Digital Europe Programme framework

Deployment of technology to businesses and citizens.

Speed up economic recovery and digital transformation of European economy and society.

Complementary to other EU programmes, e.g., Horizon Europe

Strategic financing for 5 crucial areas



Reminder call - DIGITAL-ECCC-2022-CYBER-03-UPTAKE-CYBERSOLUTIONS

- **Uptake of Innovative Cybersecurity Solutions**
- **Objectives:**
 - support the market uptake and dissemination of
 - innovative European cybersecurity solutions and
 - results from publicly funded research in the EU
 - improving cybersecurity capabilities across the EU,
 - notably for SMEs and public organisations,
 - both supply and demand support measures.
 - awareness raising measures
 - marketplace platform
 - Provide and deploy up to date tools and services to organisations (in particular SMEs)
 - Maturity analysis pre and post implementation to measure the change in cybersecurity capacity of the beneficiary(ies).
 - Adoption of market-ready innovative cybersecurity solutions

TARGET AUDIENCES



RETAIL

- Medium
- Small
- Micro



HIGH TECH

- Medium
- Small
- Micro



INDUSTRY

- Medium
- Small
- Micro



OTHER

- Medium
- Small
- Micro

CYSSME Approach

CyberSecurity for European MEs and SMEs
by European CyberSecurity solutions and
expertise



1

ADVISORY



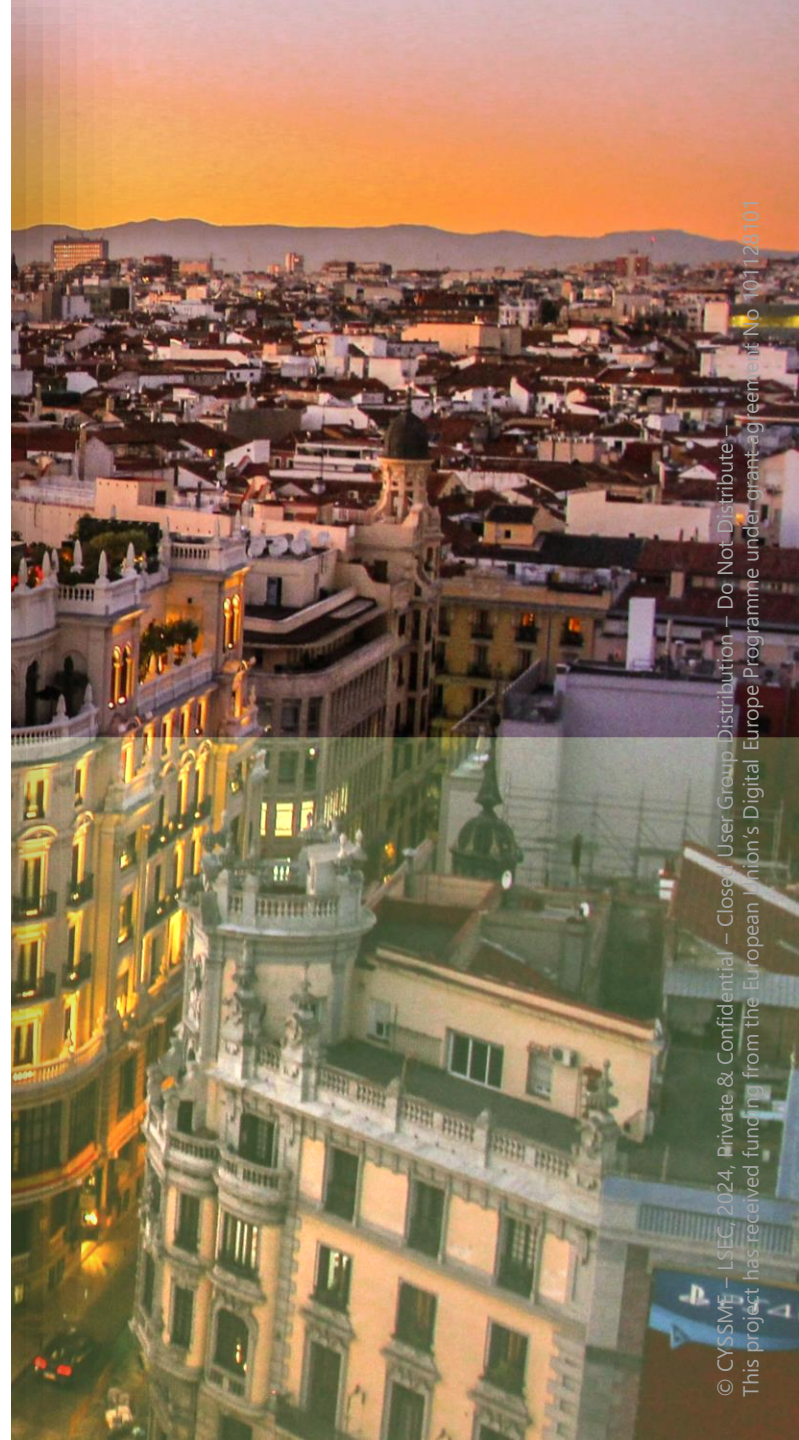
1

ADVISORY

2

IDENTIFICATION

- Asset and vulnerability discovery
- Assessments based upon standards



1

ADVISORY

2

IDENTIFICATION

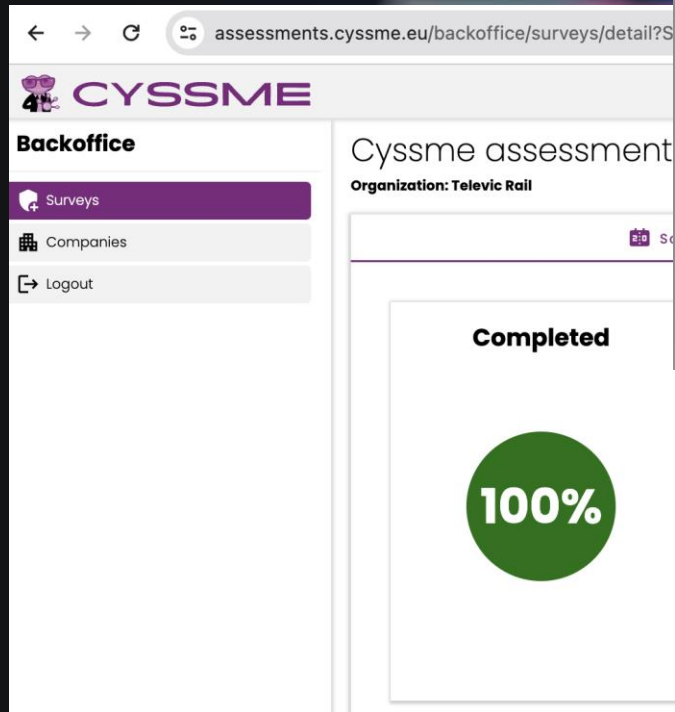
- Asset and vulnerability discovery
- Assessments based upon standards

3

PREVENTION

- Email, network, endpoint risks
- Firewall, detection and threat management

MEASURING YOUR LEVEL OF MATURITY



Choose your survey

Cyssme assessment



Short & efficient questionnaire for a quick assessment of your security posture based on the most essential security requirements. The result will give you a good orientation where your security is at the moment and which are your most important improvement areas.

Cyberfundamentals



Comprehensive & advanced questionnaire for an in depth assessment of your security posture. The result will give you a thorough understanding of where your security is at the moment.

Completed



Score

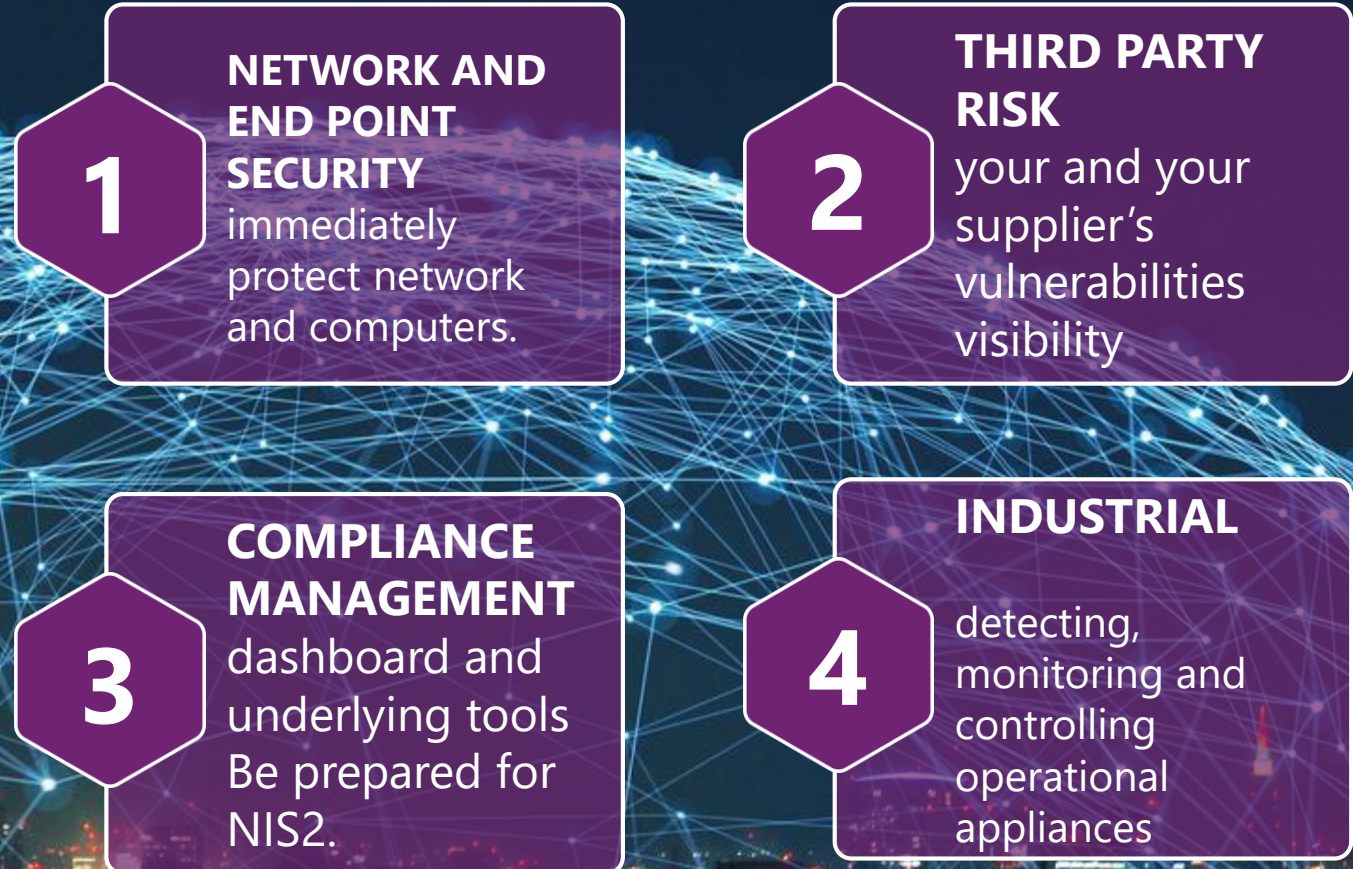


CYBERSECURITY OFFERING

CyberSecurity for European Micro and Small, Medium sized Enterprises by European CyberSecurity solutions and expertise SME providers

CYBERSECURITY MATURITY IMPROVEMENT

INTERACT



PARTNERS

EXAMPLES : USE CASE 1

COMPANY PROFILE

- Retail
- Textiles – Customized shirts on the web

KEY FACTS

- 5 FTE's
- 20+ years in operations
- Connecting to suppliers for designs and production

KEY REQUIREMENTS

- 3rd party hosting (Managed Service Provider)
- No internal IT (no cybersecurity)

EXECUTION

- External Websites analysis – Essential Security improvements
- Support (advisory) with external hosting company – MSSP service
- API – integration analysis and vulnerability assessment
- API security hardening
- Website platform hardening



EXAMPLES : USE CASE 2

COMPANY PROFILE

- Industry - manufacturing
- ICT - engineering

KEY FACTS

- 130 FTE's
- 30+ years in operations
- Part of larger industrial group
- No Cybersecurity team, only IT manager

KEY REQUIREMENTS

- Making sure they can be Cybersecurity representative towards their customers
- Improving overall on corporate level with Cybersecurity

EXECUTION

- Improving Cybersecurity-maturity
- Assessing key challenges
- Improving software and technology developments
- Ensuring key challenges are met that would be required from customers – CS standards references (NIST, ISO, ...)
- CISO ad interim and support in selection of CISO



ALSO WATCH OUT FOR FSTP CYSSDE

- Up to 200k EUR for pen-testing and vulnerability assessments of SMEs, critical infrastructure and applications and devices for critical infrastructure and security
- Together with the Member State NCCs
- Joint methodology development of assessments and capacity building
- First Open Call expected to be launched before the end of 2024
- Different SecurIT Open Call 1 and 2 participants that can be eligible



BEYOND THE SECURIT-PROJECT - ACTION : STAY CONNECTED



- Sustain proactively the relation with your mentor – Open Call Manager, inform them about your successes, ambitions and challenges
- SecurIT partners can help you beyond the SecurIT-project in new customers relations, investment support, joint industrial projects, product market fit, go to market, ...
- SecurIT will continue to look for continuation of the program, together with DG GROW and the new EC
- The SecurIT-Community (all of you) will make (y)our successes known!!



THANK YOU



Directorate-General for Internal Market,
Industry, Entrepreneurship and SMEs (DG GROW)



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Not the end

More information, slides and follow-up
www.cyssme.eu
www.lsec.eu

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