



REWIRE
CYBERSECURITY
SKILLS ALLIANCE

PARTNERSHIP



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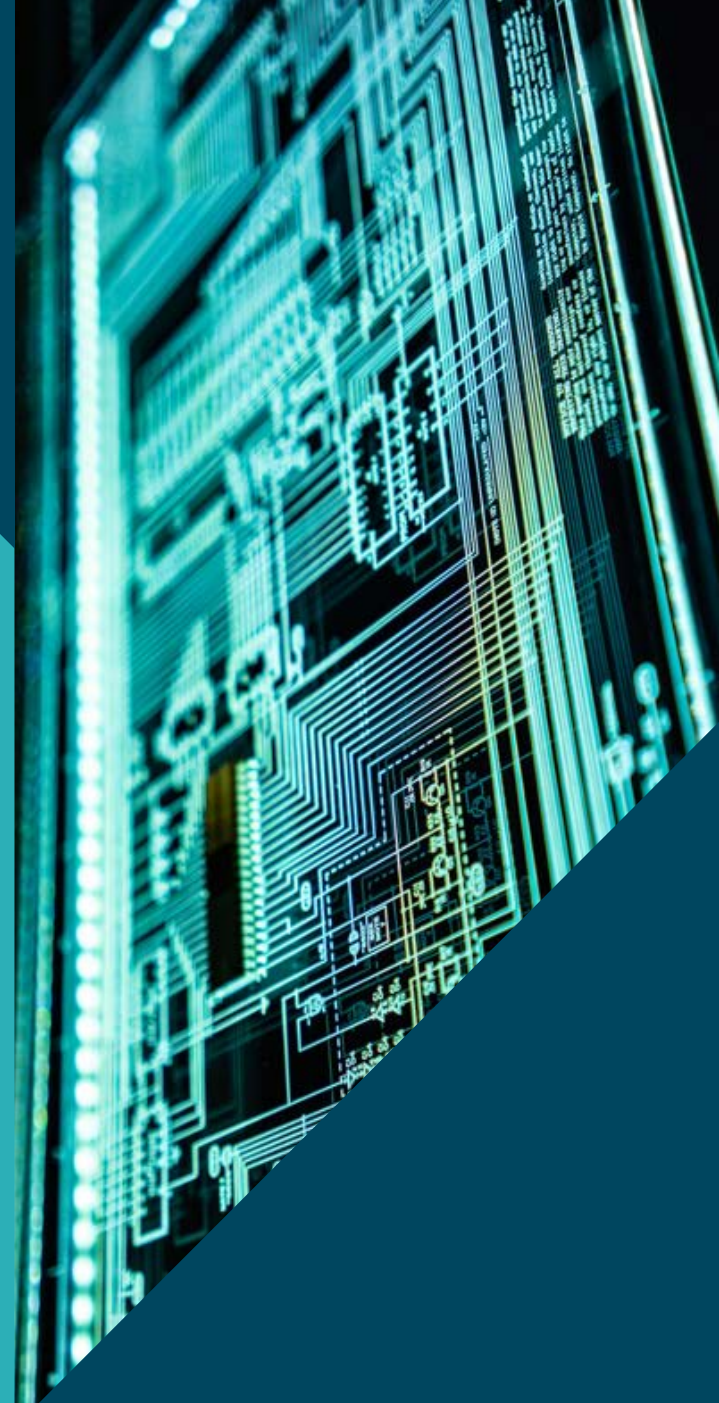
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REWIRE Project



REWIRE

CYBERSECURITY SKILLS
ALLIANCE

ABOUT

The REWIRE Alliance represents more than 160 partners of the four pilot projects (i.e. SPARTA, ECHO, CONCORDIA, CyberSec4Europe), including big companies, SMEs, universities and cybersecurity research institutes, from 26 EU Member States.

The project aims to provide concrete recommendations and solutions that would lead to the reduction of skill gaps between industry requirements and sectoral training provision and contribute to support growth, innovation and competitiveness in the field of Cybersecurity.

OBJECTIVES

The partnership objective is to work together for developing a new sectoral strategic approach to cooperate on cybersecurity skills, and support a better matching between skill needs of the market and skills provided by the relevant education and training organisations.

RESULTS

EUROPEAN CYBERSECURITY BLUEPRINT addressing skills gaps in the cybersecurity sector.

CYBERRANGE PLATFORM based on open-source components with the following elements and features:

- Range platform which provides machine, container and network virtualisation with an option to use public cloud infrastructure
- Orchestration capabilities for scenario provisioning and automated, semi-automated or manual scenario execution
 - Components and tools for more realistic and automated scenario execution: traffic generator, attack generator, event detector
 - Management interface and dashboard
 - Infrastructure for conducting secure access
- Allowance for baselined documentation for trainers and trainees
- Ability for scenario packaging in order to enable standardised scenario building and exchange

CERTIFICATION SCHEMES implemented covering specific areas of cybersecurity and following international best practices. A core set of documentation covering the certification schemes' common points and procedures will be produced.

CyberABILITY: A digital on-line publicly accessible European Cybersecurity Skills Digital Observatory which will provide up-to-date information regarding the job market, competences, training courses, certification schemes and a career roadmap.

ONLINE COURSES: trainings and relevant certification schemes on selected occupational profiles offered in the form of four VOOCs (Vocational Open Online Courses) based on the REWIRE Curricula and Training Framework. The VOOCs will be hosted in a tailor-made Virtual Learning Environment (VLE).



A NEW VISION FOR EUROPE