

## CYBERSECURITY OF SOCIETY AND INDUSTRY

In a world where digital technology is becoming increasingly ubiquitous, cybersecurity will be the digital anchor of European principles and rights. It will be the means by which governments will protect citizens from internal and external threats and ensure access to fair and safe cyber-digital services. The design of this new European digital society requires solid foundations, which can only be built using trusted and safe digital technologies and guaranteeing a cybersecurity-by-design approach across all layers of the European digital space.



### The portfolio aims to:

Contribute to the design of the new European digital society built on trusted and safe digital technologies

Help to guarantee a cybersecurity-by-design approach across all layers of the new European digital space

Enhance citizens' level of trust in the new 'digital way of living' foreseen by the Digital Compass

## Delivering on anticipation, integration and impact of EU policies

- ▶ carrying out research on fundamental cybersecurity topics, such as emerging digital technologies, sectoral cybersecurity principles and paradigms, situation awareness of cyber-threats, cyber-defence, and cyber-resilience,
- ▶ supporting horizontal cybersecurity policy initiatives, such as the establishment of the European Network of Security Operations Centres, the definition of a cross-border cyber-threat intelligence platform, and further development of the cybersecurity atlas,
- ▶ supporting sectoral cybersecurity policy initiatives, including intelligent transport system cybersecurity, telecommunication services cybersecurity, energy and smart-grid cybersecurity, eHealth cybersecurity, finance system cybersecurity, secure and trusted digital identities, anti-trust and competition in the digital services and digital market.

## Time frame

**In the short term**, the portfolio will focus on supporting the implementation of the European cybersecurity strategy and streamline cybersecurity in vertical, sectoral policy initiatives. **Within a forward-looking perspective**, the portfolio will help to lay the foundations for and contribute to the development of the European digital society.

## Main partners

### Partner DGs

CNECT, COMP, DIGIT, DEFIS, ENER, HOME, HR, JUST, MOVE, SANTE, TAXUD

### Selected stakeholders

ACER, CERT-EU, ENISA, EU-LISA, Europol, FRONTEX

Cybersecurity

Digital compass

Digital technologies

Digital market

Security-by-design

Foresight

European digital space

Cyber-threats

Cyber-defence

Cybercrime

eHealth

Situation awareness

Transport system

Digital energy

Finance system

Blockchain

Telecommunication systems

Artificial intelligence

## Find out more



**CYBERSECURITY OF SOCIETY  
AND INDUSTRY**

<https://joint-research-centre.ec.europa.eu/jrc-research-portfolios/cybersecurity>

## Science for policy

Joint Research Centre

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