

# CYBERSECURITY FOR CRITICAL INFRASTRUCTURES - RESILIENCE AND TRUST IN THE HEALTH AND ENERGY SECTORS



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# Secure and Private Health Data Exchange



## Aim

- CUREX aims at providing cyber risk assessment and risk control capabilities to protect healthcare data, especially when it is exchanged between HDOs

## How

- 8 software tools** and two medical patient and health professional applications
- Cyber and privacy **risk assessments**
- Decision support tool for recommending **optimal** combinations of **cyber controls**
- Cyber hygiene** controls to defend against social attacks
- Uses **blockchain** to record and distribute cyber risk related data among HDOs



## Pilots

- Data exchange for cross-border **patient mobility**
- Data exchange in **remote healthcare** services
- Data exchange for **healthcare research**

## Funding

- CUREX has received € 4,987,825 from European Union's Horizon 2020 research and innovation programme under grant agreement No 826404.



## Consortium

17 participants from 9 EU countries

- 7 x research institutes and universities
- 2 x healthcare representatives
- 2 x large industries
- 6 x SMEs



## Dates

- Start Date: December 1<sup>st</sup>, 2018
- End date: April 30<sup>th</sup>, 2022
- Duration: 36 months



[www.curex-project.eu](http://www.curex-project.eu)



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