ESCAPE:

Preparing healthcare professionals for cyberattacks

Material for learners

Cibersecurity guide for healthcare sector (EU scope)

ESCAPE: Preparing healthcare professionals for cyberattacks
Cibersecurity guide for healthcare sector (EU scope)

Language	*English*

Table of contents

ESCAPE: Preparing healthcare professionals for cyberattacks	
Cibersecurity guide for healthcare sector (EU scope)	
Language	*English*

1. Name of the material and description

Cibersecurity guide for healthcare sector (EU scope) is a mapping and study of cyber incidents/cyberattacks that have occurred in the European health sector from January 2021 to March 2023.

2. Classification

Category	Mark if applies
Sector	☒ Healthcare
	☐ General public
	☐ Other
Topics covered	☒ Cybersecurity
	☒ Data protection
Situation type	☐ Prevention
	☐ Impact (i.e. when it is occurring or has occurred) on patient care.
	☐ Impact on all other activities not involving direct patient care.
Language of the original materials	☐ Dust
	☒ English
	☐ German
	☐ Italian

ESCAPE: Preparing healthcare professionals for cyberattacks	
Cibersecurity guide for healthcare sector (EU scope)	
Language	*English*

	☐Spanish
Type of the material	☐Guidelines or manuals
	☐Case or examples
	☐Training courses
	☒Others

3. Description

This is a statistical study that begins by describing the threats (types of cyberattacks), the actors and motivators of the threats (types of cybercriminals), the impact of these attacks, and ends with a conclusion about the study conducted.

3.1. Origin

The material was created by ENISA, Union's agency dedicated to achieving a high commonlevel of cybersecurity across Europe. Established in 2004 and strengthened by the EU Cybersecurity Act, the European Union Agency for Cybersecurity contributes to EU cyber policy, enhances the trustworthiness of ICT products, services and processes with cybersecurity certification schemes, cooperates with Member States and EU bodies, and helps Europe prepare for the cyber challenges of tomorrow.

3.2. Why is it relevant/important for ESCAPE

This material is important because it demonstrates the vulnerability of the European healthcare system to cyberattacks and the need for healthcare companies and their staff to take every possible step to minimize the impact and safeguard patients' privacy and identity

3.3. Lessons learned

- **Other:**
  - **Introduction:** Study of the situation of cyberattacks in the European health system for 2 years.

  - The strong points are that it describes the types of cyberattacks and the different cybercriminals who carry them out.

ESCAPE: Preparing healthcare professionals for cyberattacks	
Cibersecurity guide for healthcare sector (EU scope)	
Language	*English*

○ In this case we can learn that despite being in a sector that at first may seem uninteresting to cybercriminals, the data indicates otherwise and shows that the healthcare sector is exposed and must take measures to safeguard its privacy.

4. Direct link to the material

https://www.enisa.europa.eu/publications/health-threat-landscape