

**CHdN**

CENTRE HOSPITALIER DU NORD

An aerial photograph of the CHdN hospital complex, showing several large, modern buildings with flat roofs and solar panels. The hospital is surrounded by lush green fields and a residential neighborhood. A large, semi-transparent white box is overlaid on the bottom half of the image, containing the main text.

# **Leadership in cybersecurity in the NIS context**

**ENISA - 8TH eHEALTH SECURITY CONFERENCE**

# About me



## Florent Lesueur



13 years in cybersecurity



CISO at CHdN, Luxembourg



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«I am blocked all the time when doing my job»

«Security is a blocker»

«No one listen to me»

«I don't have budget»

Top management

Users



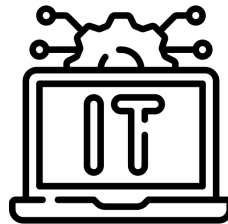
«IT doesn't follow the process»



«The security is not my problem, it is an IT problem»

«CISO / ISO are too technical and don't understand the business»

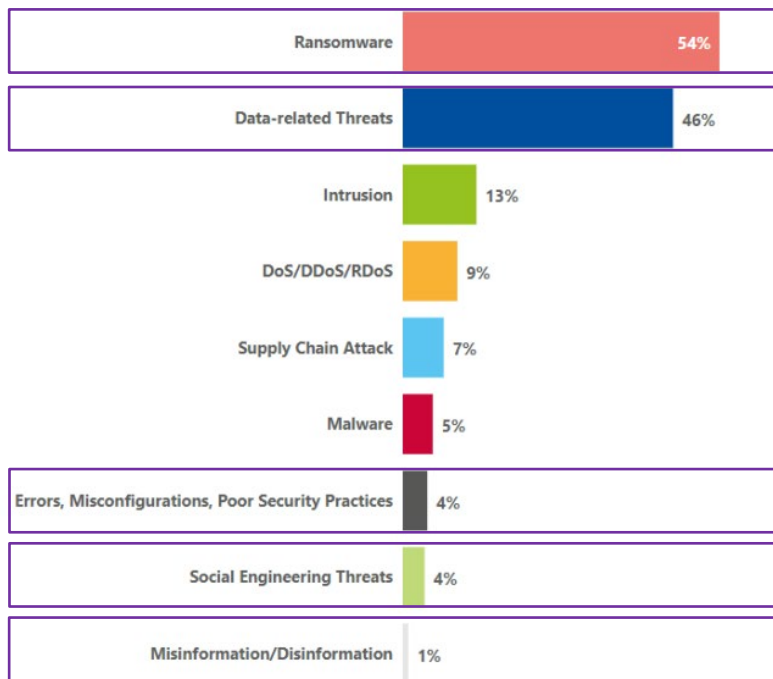
«Security team doesn't understand IT problems»



«CISO / ISO are just policemen»

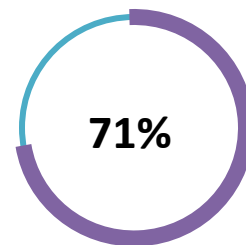
IT

# The human factor



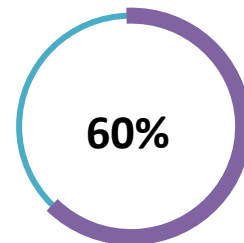
ENISA THREAT LANDSCAPE: HEALTH SECTOR - 2023

Human is the most common root cause



Healthcare sector data breach are caused by phishing

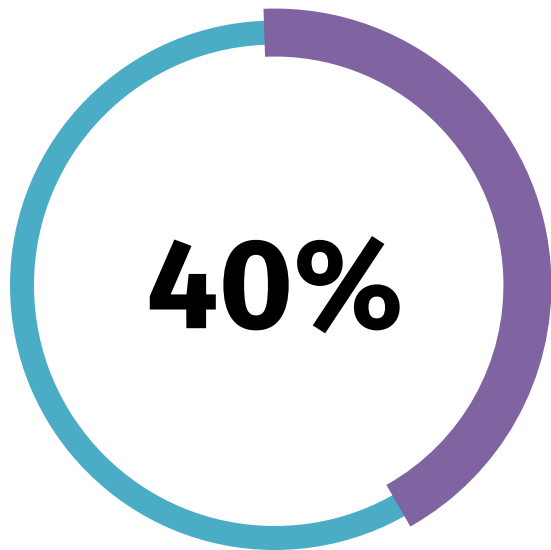
HIMSS - 2021



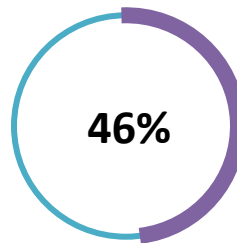
Healthcare sector data breach are caused by phishing

Metacompliance - 2023

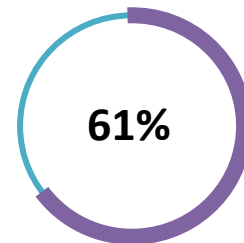
# Lack of security culture in Healthcare



**OES with no security awareness program for non-IT staff**



**Health organizations have never performed a risk analysis**



**Security incidents were caused by vulnerabilities**

**CISO positioning in the organisation**

## CISO main challenges



**Average tenure of CISO is 18 to 26 months**

# NIS2 requirements

Random inspections

Notifications

Regular audits

## Top management liability

Follow training on cybersecurity

Ensure cybersecurity training for employees

Oversee the risk management framework

Accountable in case of cyber incident

### Governance

Risk analysis  
Information security management  
Access management  
Evaluate effectiveness of security measures

### Measures

Policies and procedure for the use of cryptography  
Use of multi-factor authentication  
Human resource (screening)  
Security around supply chains

### Business continuity

Backup management  
BCP / DRP plan  
Incident response plan

Penalties

*(Only)*

**We are not facing a technical issue**

**We are facing a business issue**

**We won't face anymore a regulatory issue**

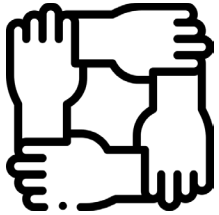
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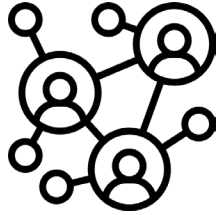


**We need a strong leadership in cybersecurity to face all the other issues**

# Definiton of Leadership



Everyone



Not hierarchical



Culture

*Leadership is the ability to inspire, guide, and influence a group of individuals or an organization towards a common goal or objective.*



# Drive a cybersecurity culture

## Built Awareness



**Propose interactive and diversified trainings**



**Adapt to the audience**



**Repeat Repeat Repeat**



## Built a strategy



**People, process, Technology**



**Cost of security control shall not exceed the potential lost**



**Supported by the decision-makers**

Technology enforce and support the culture

# The CISO is a conductor

Be business oriented

Influence position

Communicator

Show up

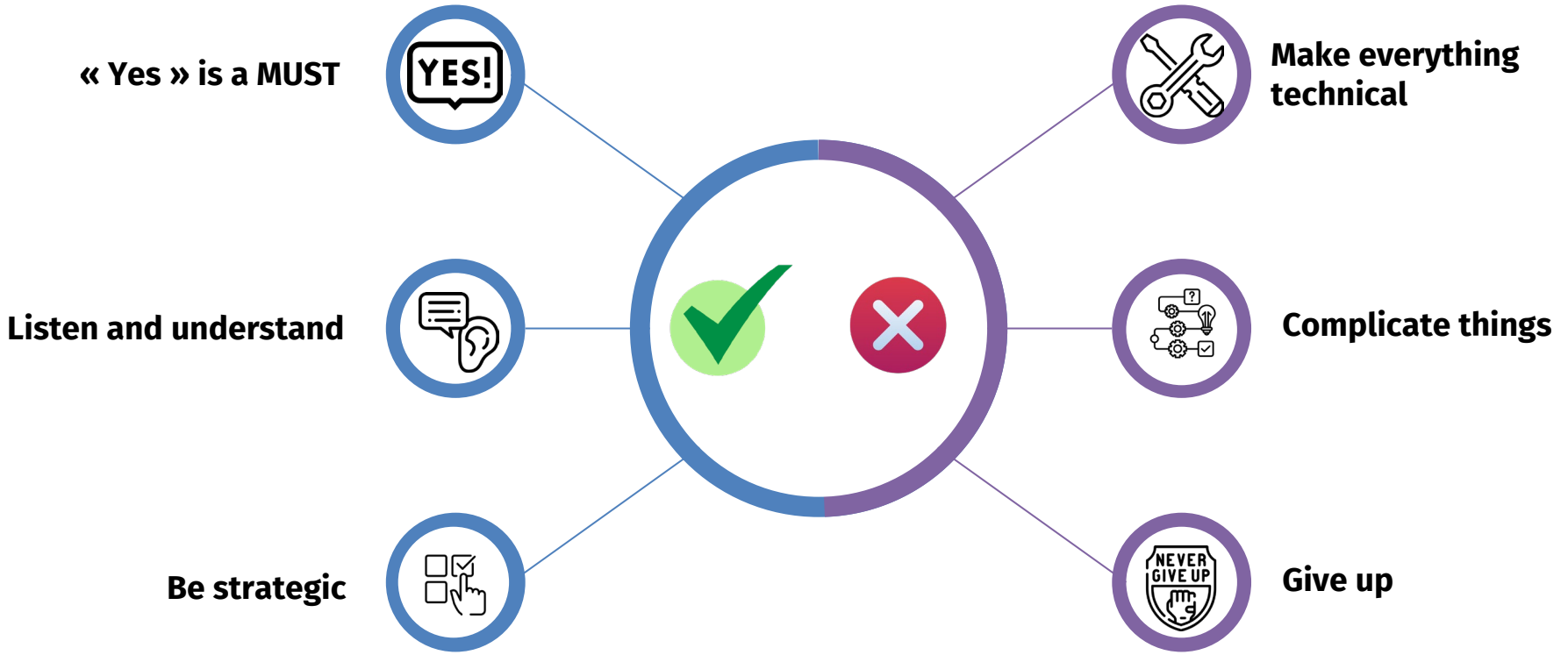
Risks as a tool

Holistic

Facilitator



# Leadership - Do and don't



**Thank you!**