



# Security and resilience for eHealth Infrastructures and Service

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# Securing Europe's Information society

# Positioning ENISA activities



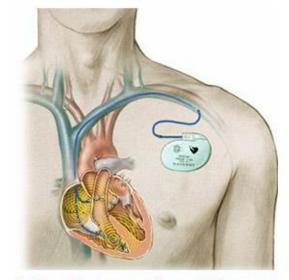


# What would happen if...



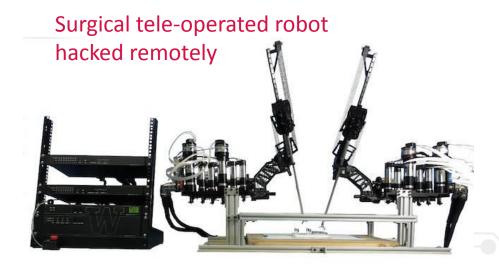


Major outage causing downgrading of operations for more than 12hrs in hospital



### Hacking the Heart

Pacemaker hacked wirelessly (mannequin lost life indicators)



# Predicting the future: Hospitals under attack





At least 19 hospitals were infected with ransomware in Q1 and Q2.





A related group of Q1 attacks on hospitals generated \$100,000 in ransom payments.

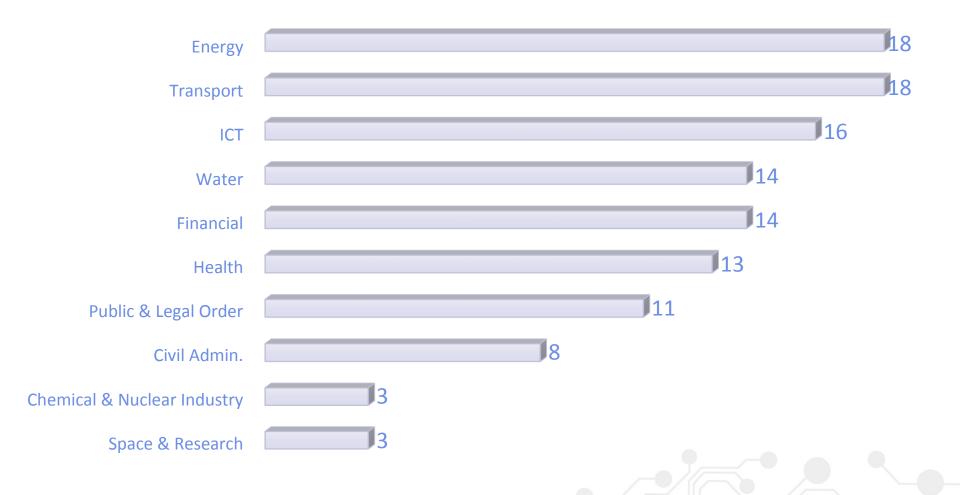




### Critical Sectors in the EU

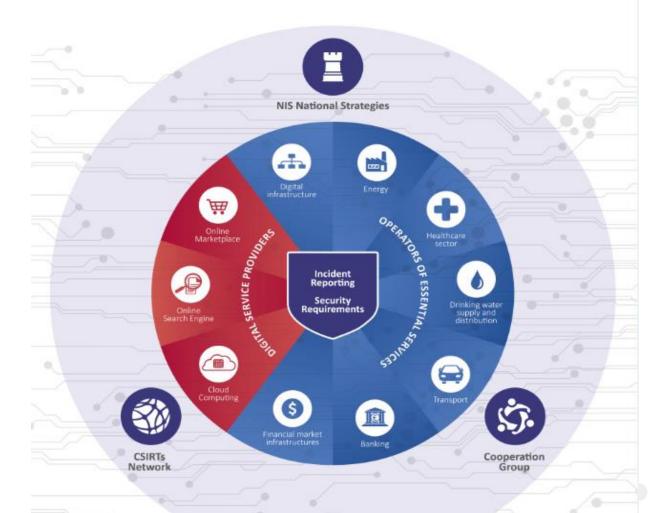


Critical Sectors identified by 17 examined Member States and 1 EFTA.



# Network and Information Security Directive

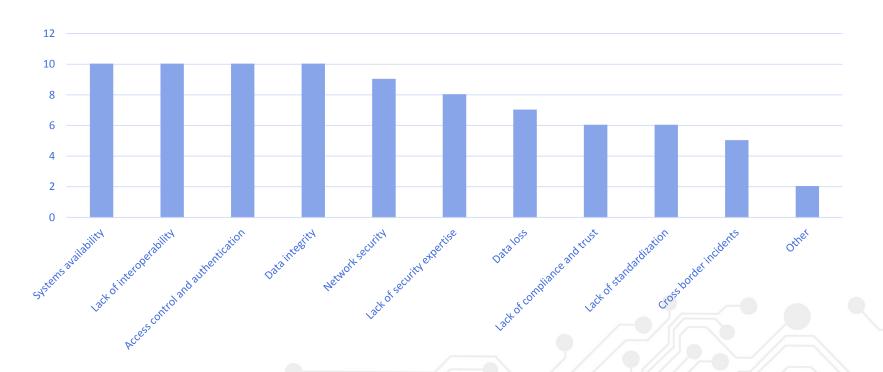




# 2015 study findings: Cyber security Challenges



Which do you believe are the most important security challenges in eHealth infrastructures and systems?



## eHealth experts group













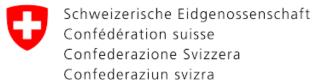












ENISA collaborates with HCO to setup pilots across the EU



# Thank you



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https://www.enisa.europa.eu/scada







