

**Your co-pilot for
digital and sustainable
business impact**



IT's about impact



Savaco in numbers



since
1991



250+
staff



9x
Trendsgazelle



€53M
revenue



6
locations

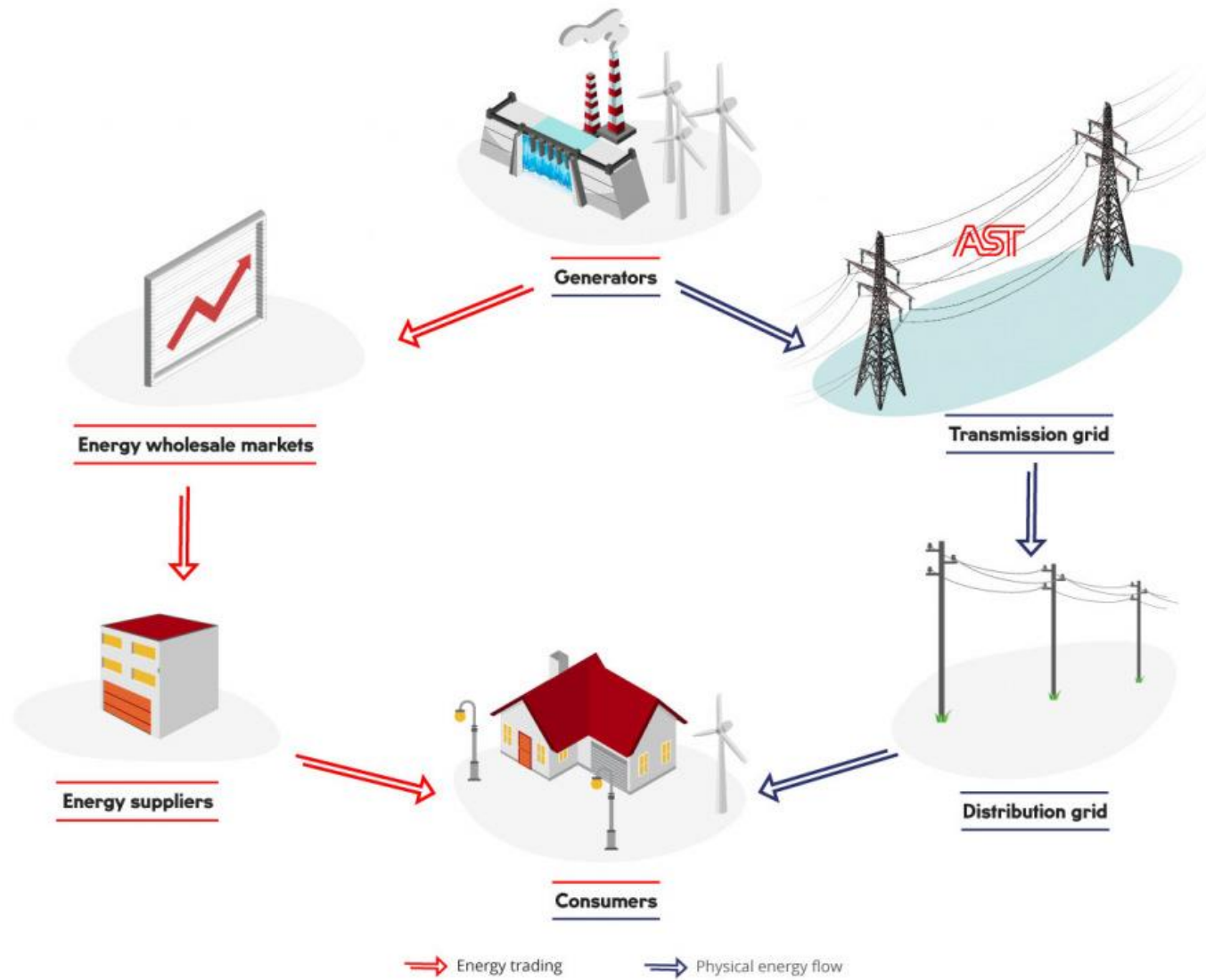


ISO certified
ISO 9001
ISO 27001

whoami



- Schooled as Electronics/IT engineer
- Cyber Security manager
- More than a decade of Cyber Security experience in the energy market
- Focus on enterprise architecture and risk management



Source: Organisation of the electricity market | AST

What is...“Security”?



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Cybersecurity is protecting networks, devices, and data based on the inherent risks they are exposed to ...

Cyber Security

≠

[...] the Regulation on risk-preparedness [...] to ensure that, in electricity crisis, electricity goes where it is most needed.

Security of supply

Or is it?

Is Cyber Security needed?

Cyber Security in the energy industry



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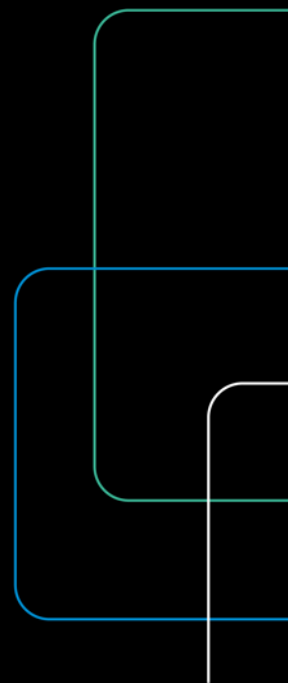


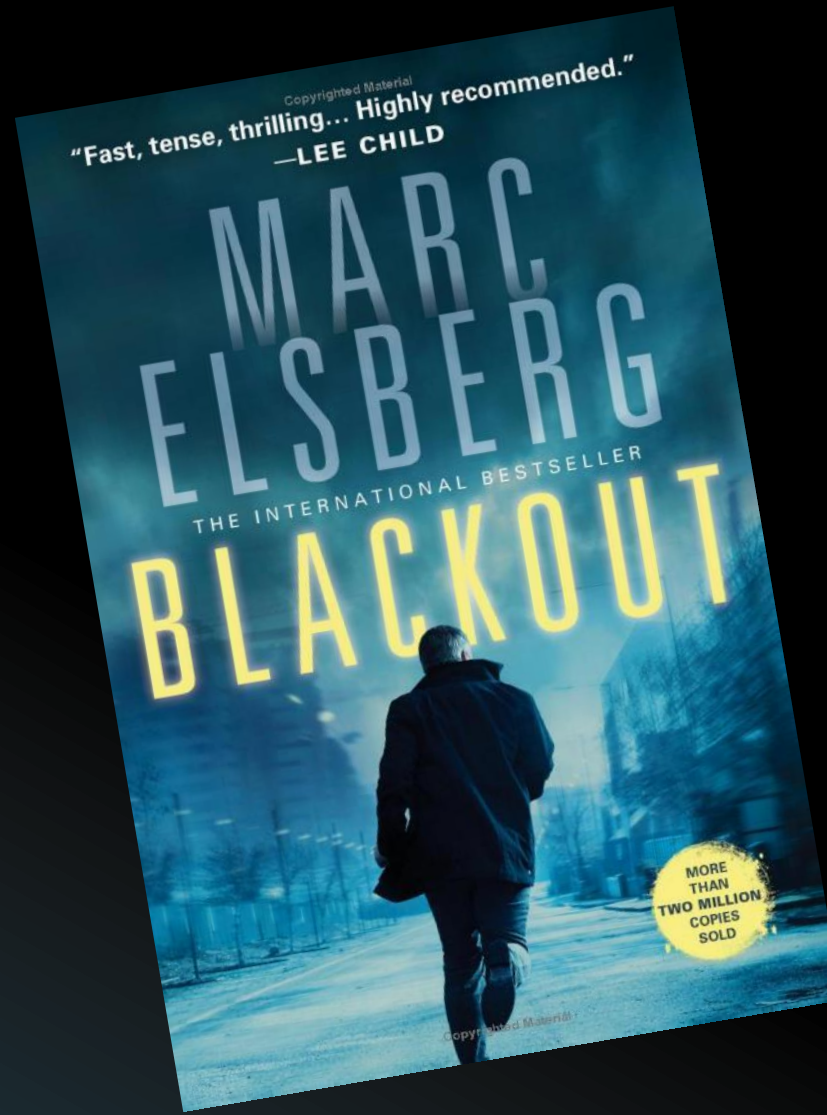
YES



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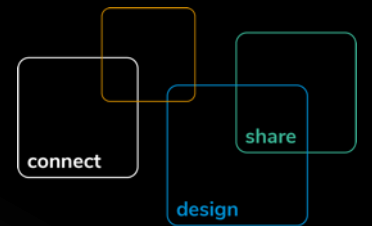
What to protect?

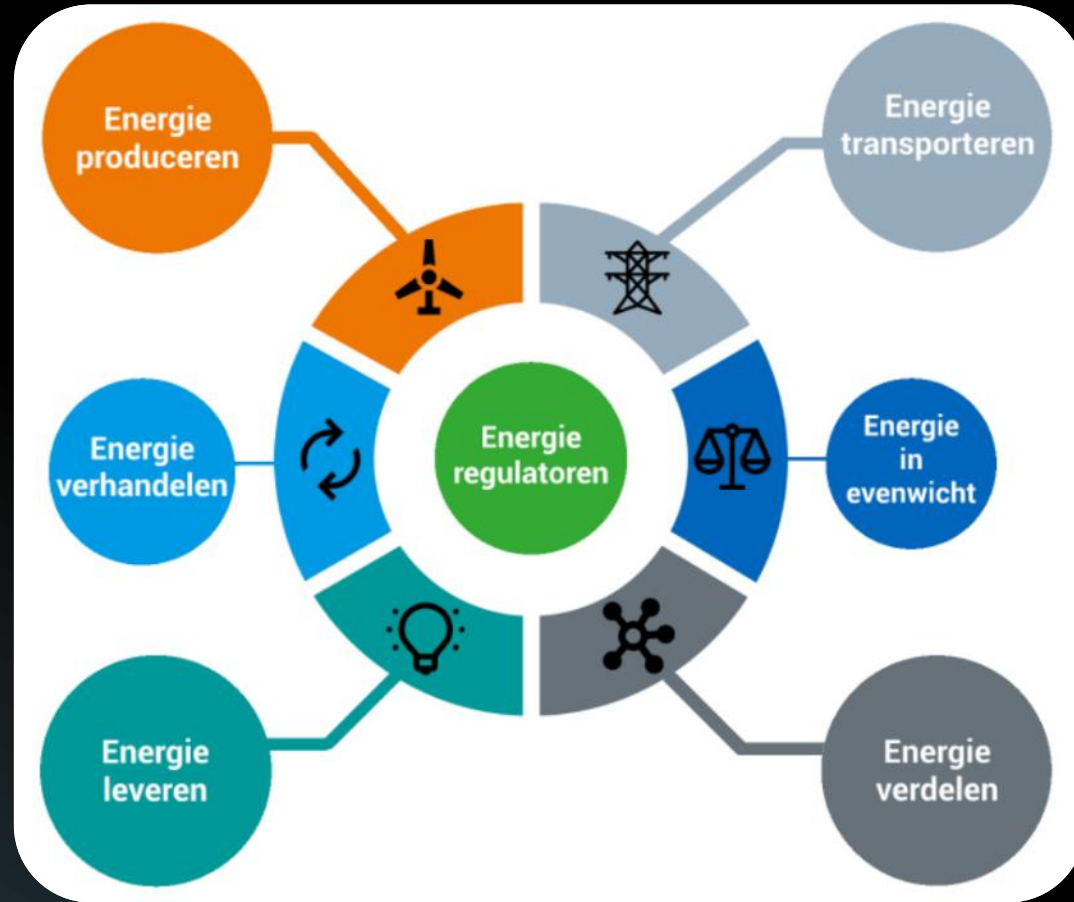
Cyber Security in the energy industry



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Source: Wie doet wat op de energiemarkt? by VREG Vlaamse Regulator van de Elekt (prezi.com)

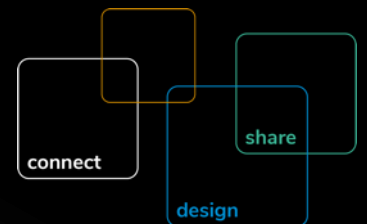
How to start?

Cyber Security in the energy industry



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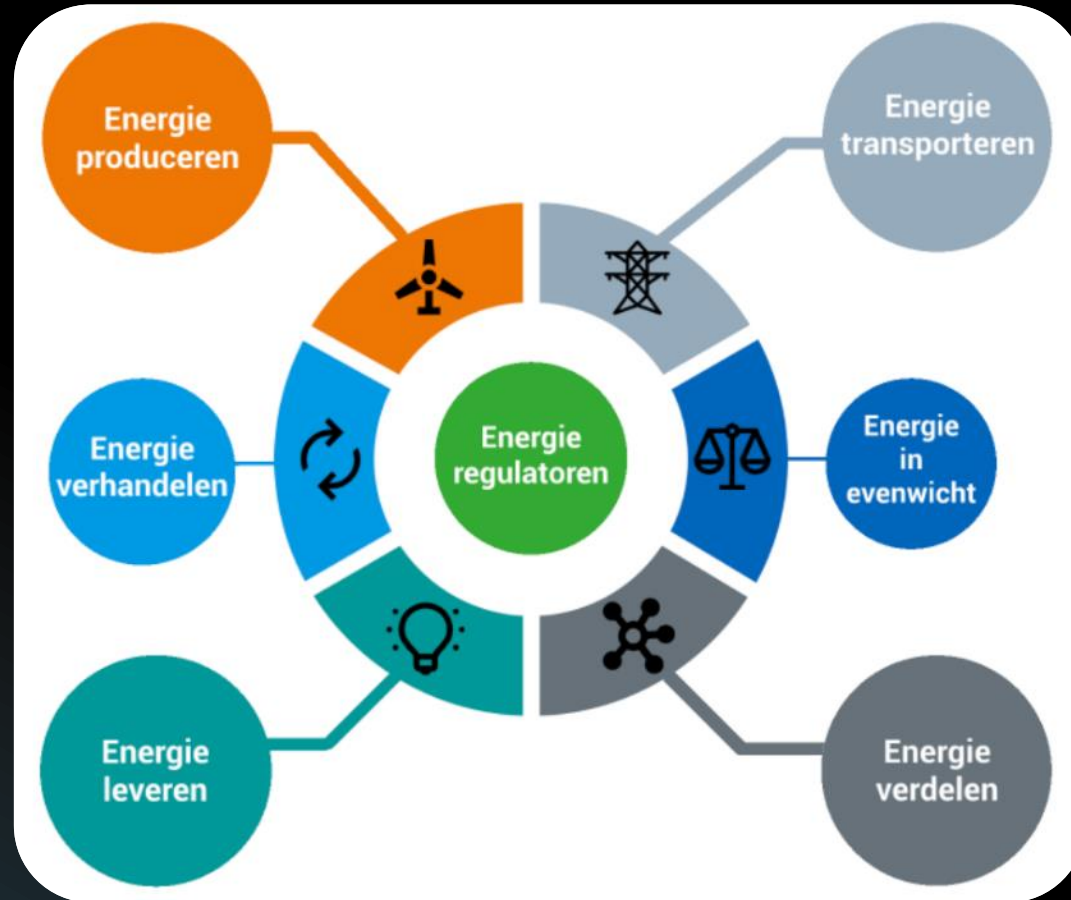
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Let's play a game of "what if?"



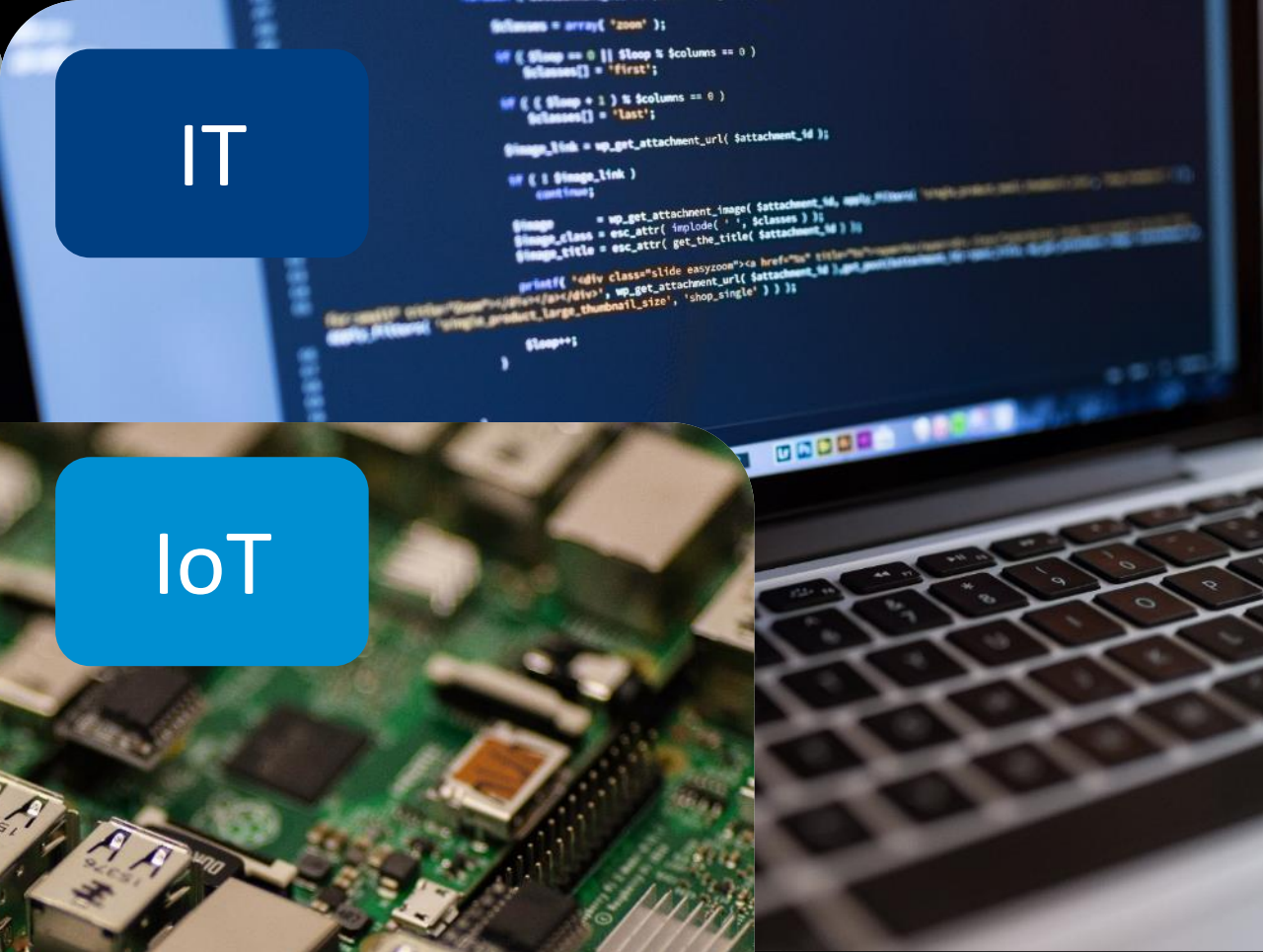
© rr



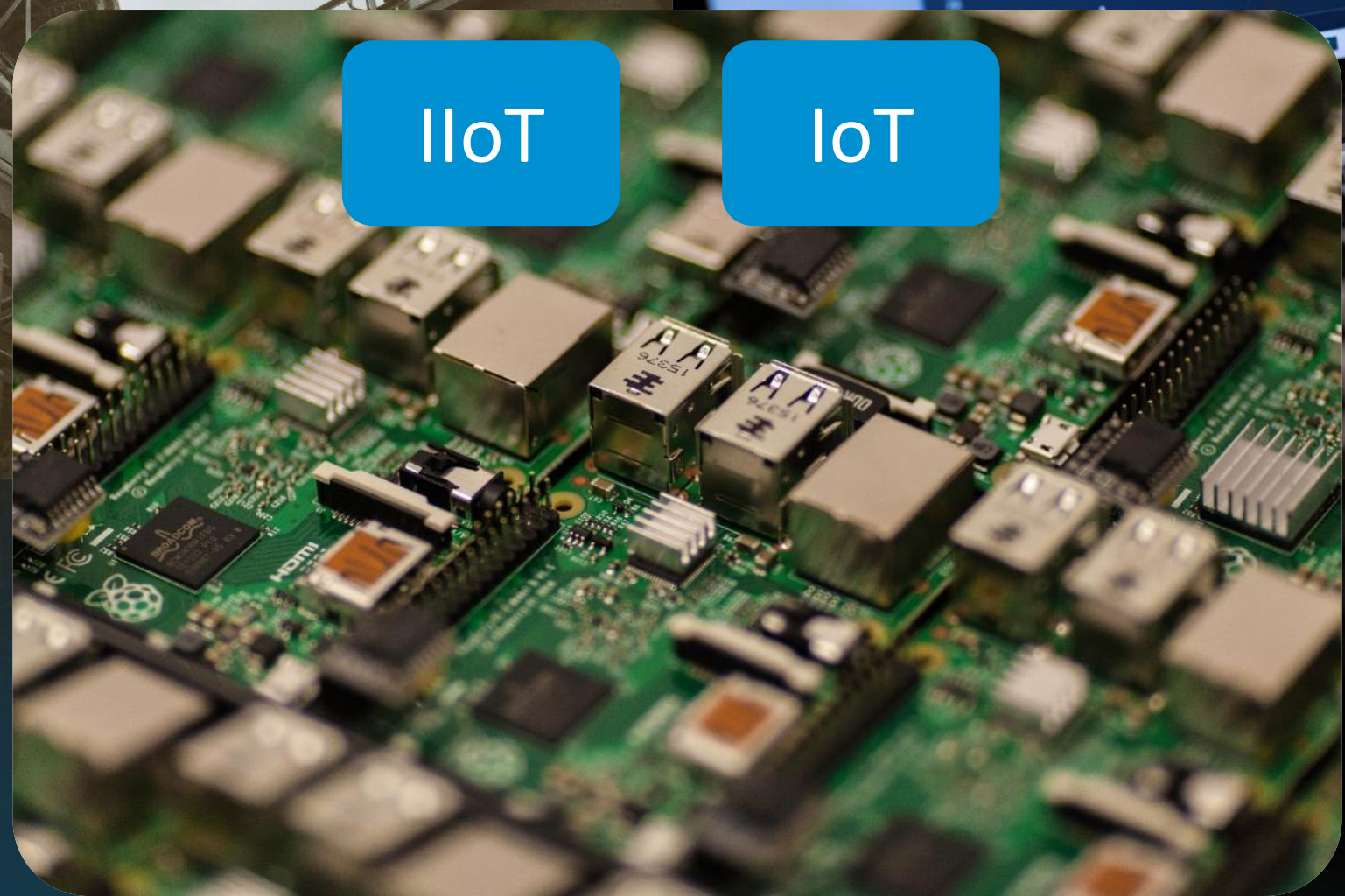
Source: Wie doet wat op de energiemarkt? by VREG Vlaamse Regulator van de Elekt (prezi.com)



OT



IT



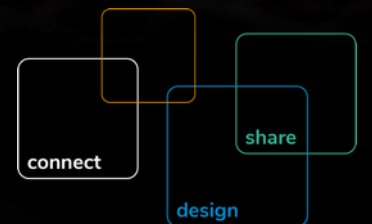
IIoT

IoT



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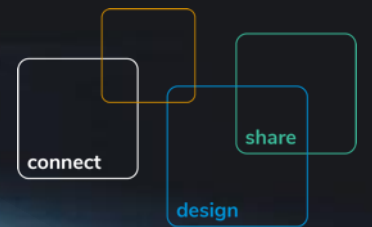


It takes two to tango:
OT & IT

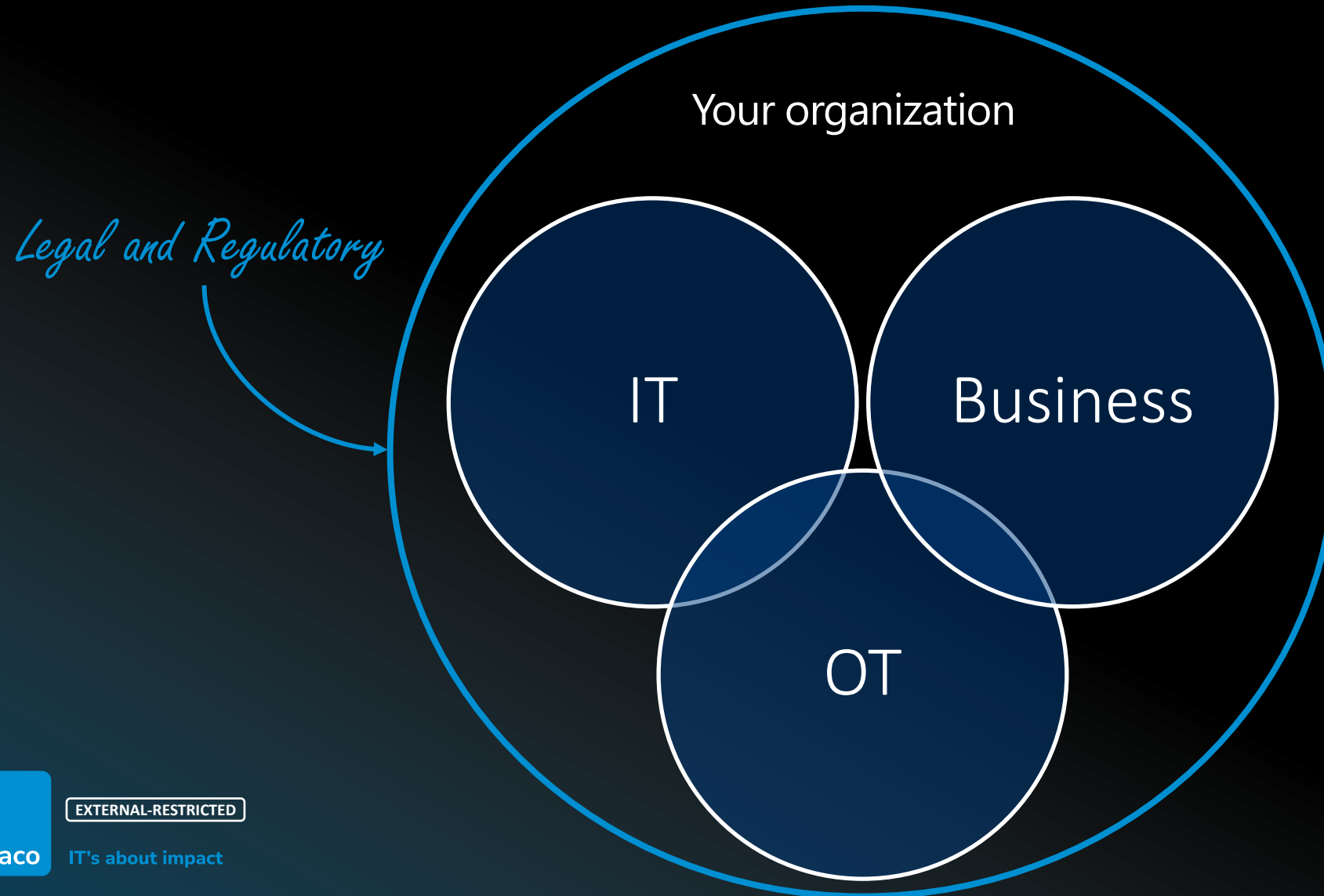


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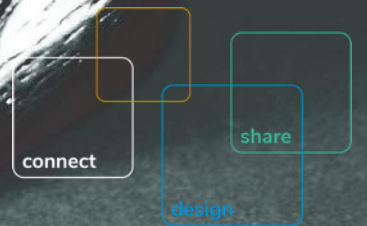
Influences – Legal and Regulatory





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It takes three to tango?



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ANTONIO BANDERAS

**take
the lead**



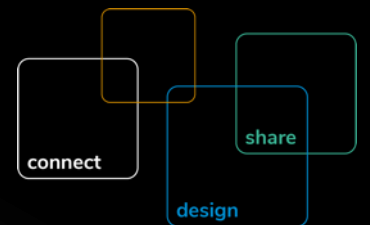
How to protect?

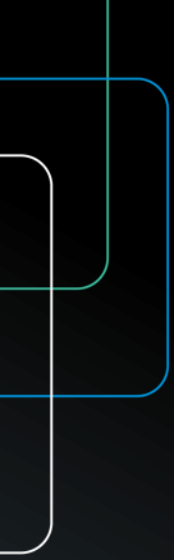
Cyber Security in the energy industry



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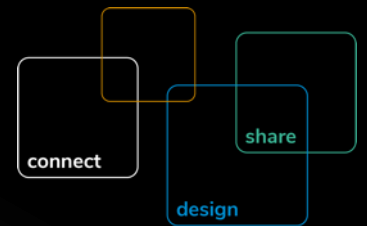


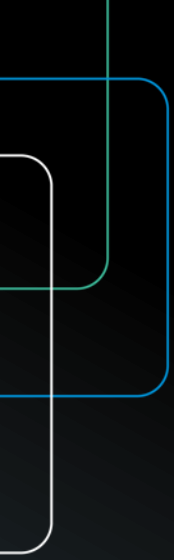
*“Do I need to encrypt all
my network traffic?”*



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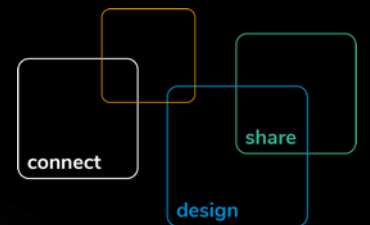


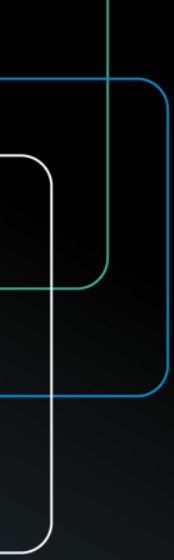
“IT depends”



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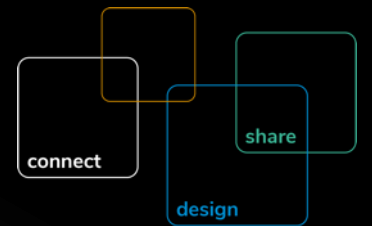


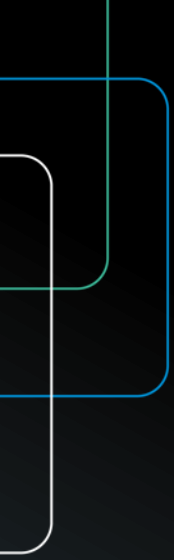
*“Do I need a new
firewall?”*



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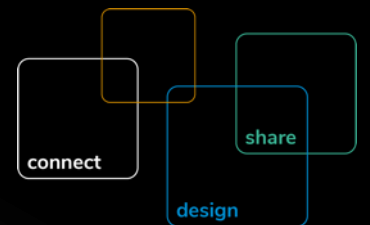


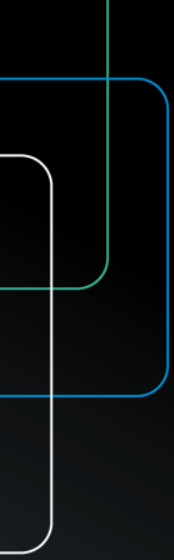
“IT depends”



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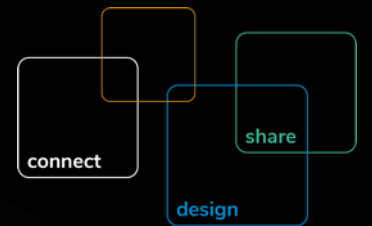


“Should I increase my security budget?”



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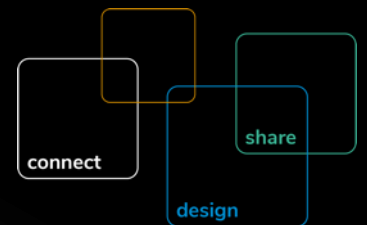
“IT depends”

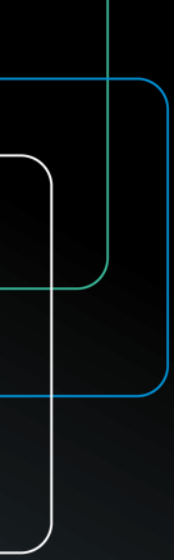
From experience, probably 😊



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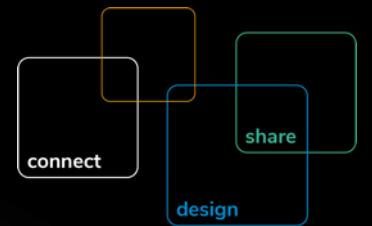


“IT depends,
...on the context”

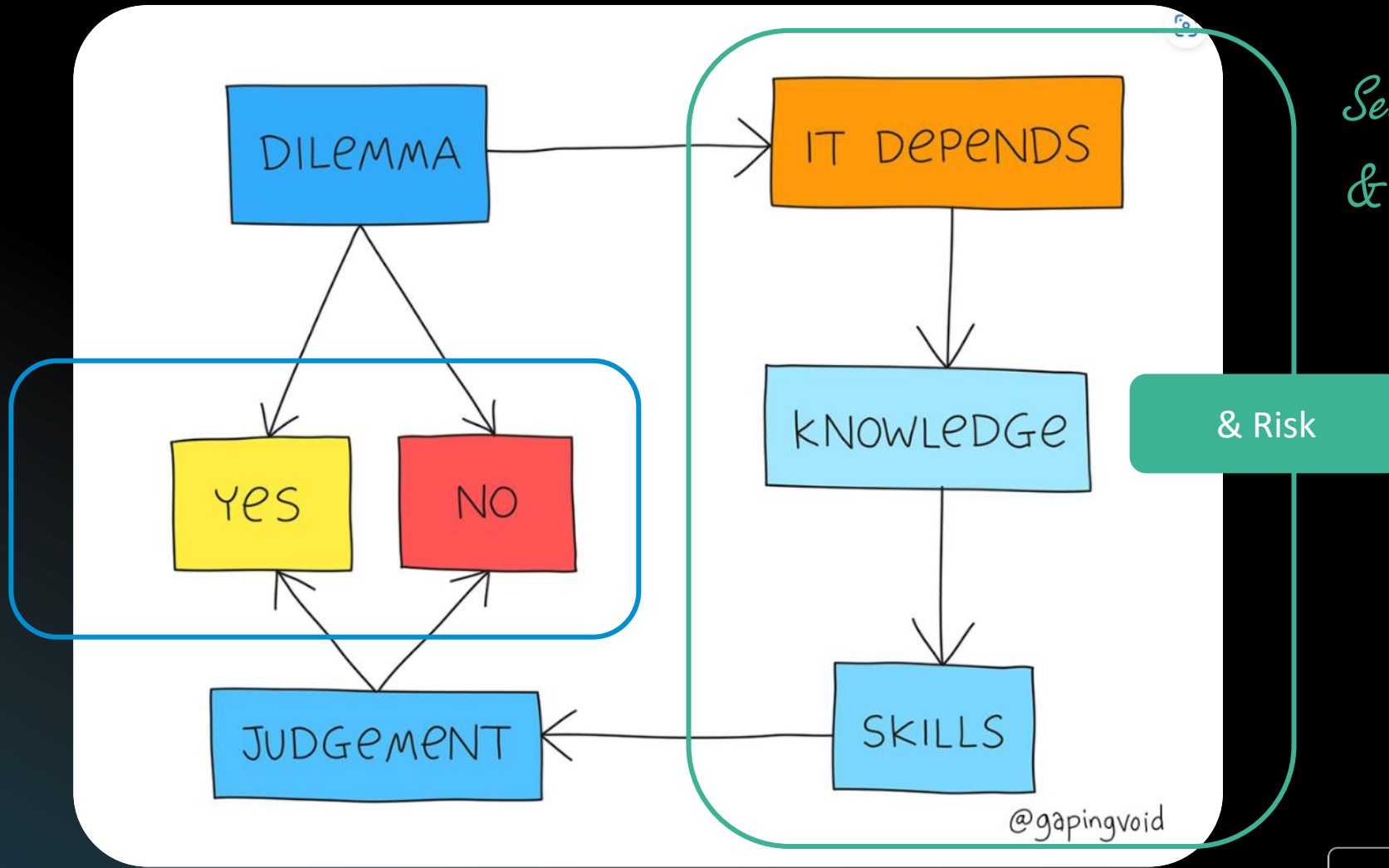


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Security basics



*Security strategy
& architecture*

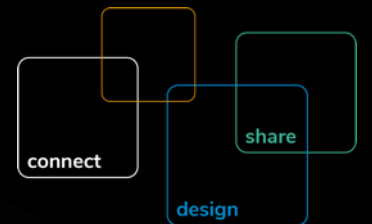
How to detect issues?

Cyber Security in the energy industry



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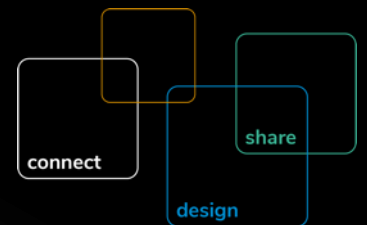
How to respond to issues?

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helpdecrypt@msgsafe.io



YOUR FILES ARE ENCRYPTED

Don't worry, you can return all your files!
If you want to restore them, follow this link: email helpdecrypt@msgsafe.io YOUR ID **C279F237**
If you have not been answered via the link within 12 hours, write to us by e-mail: helpdecrypt@msgsafe.io

Attention!

- Do not rename encrypted files.
- Do not try to decrypt your data using third party software, it may cause permanent data loss.
- Decryption of your files with the help of third parties may cause increased price (they add their fee to our) or you can become a victim of a scam.

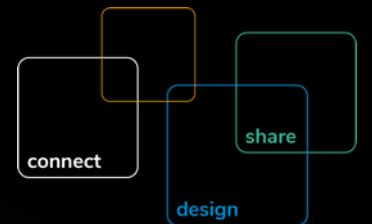
How to recover from issues?

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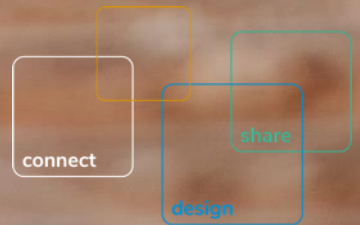
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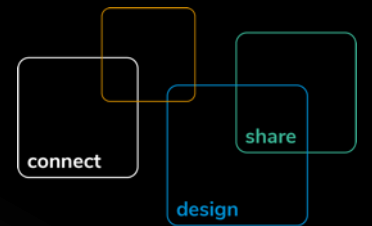
How to structure all of this?

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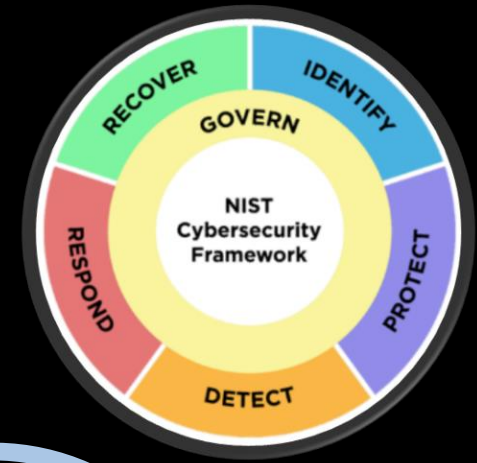


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Logical process



- What should we secure and why?

Identify

- How will we secure it?

Protect

- How will we know if something goes wrong?

Detect

- What do we do when something goes wrong?

Respond

- How will we recover after it went wrong?

Recover

Influences ctd. – Legal and Regulatory

CRA – Cyber
Resilience Act

CSA – Cyber
Security Act

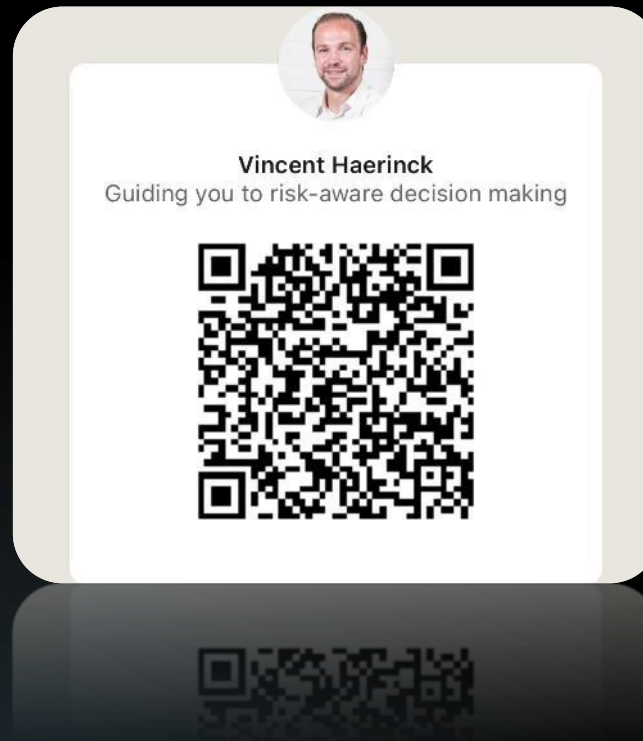
RED – Radio
Equipment
Directive

NIS 2 – Network
and Information
Security Directive

...

To be continued!

Vincent Haerinck
Vincent.Haerinck@savaco.com



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