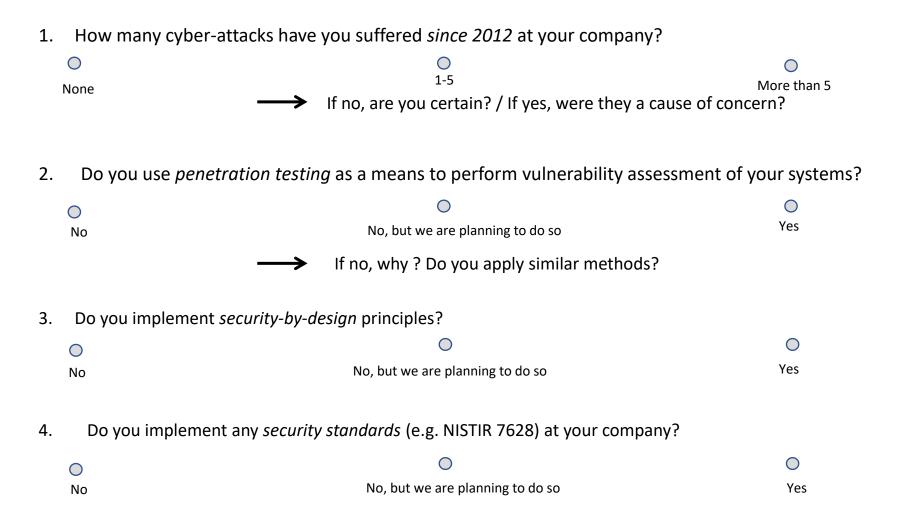
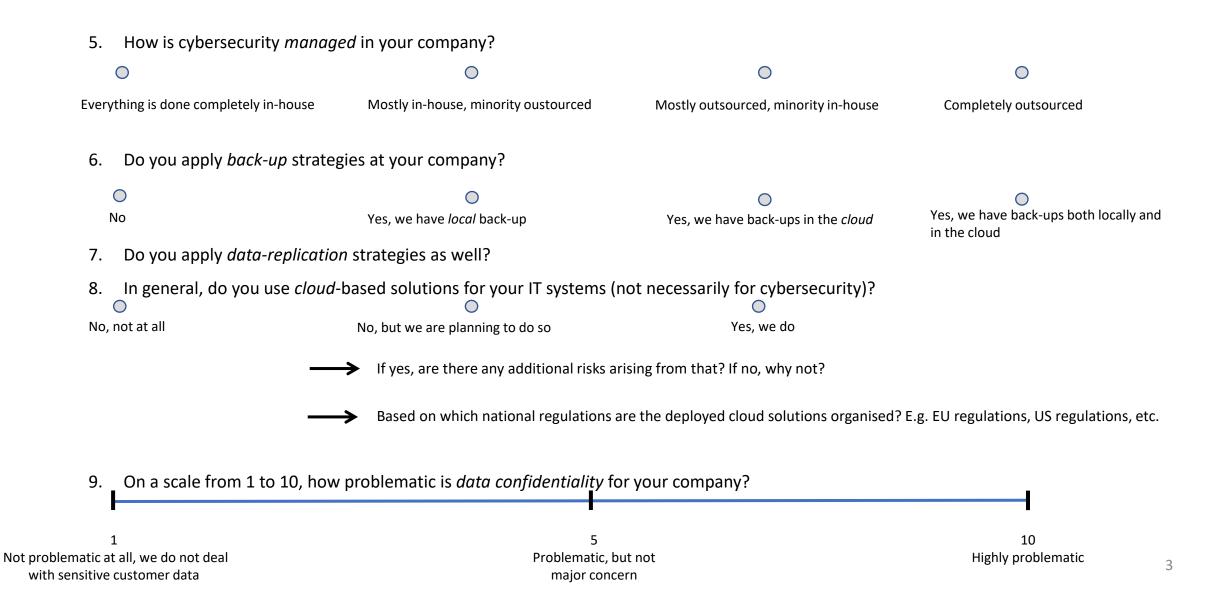
Experiences with cyber-attacks



General questions on security landscape



Risk assessment

10. Do you use <i>qualitative</i> or <i>quantita</i>	tive approaches for risk-assessment?	
Only quantitative approaches	Only quantitative approaches	Both
11. Of the three steps of the security	life cycle (<i>prevention, detection, reaction</i>) which one do you	a consider to be the most challenging?
12. Between <i>physical</i> -security (e.g. rescompany?	silience against earthquakes) and cyber-security, which one	do you think is more important to you
0	0	0
Physical security is more important	Both are equally important	Cyber-security is more important
13. During your risk assessment , do yo	ou analyse past incidents that happened at <i>your</i> company?	
0		0
No	No, but we are planning to do so	Yes
14. During your risk assessment , do you	analyse past incidents that happened at other similar comp	panies?
	0	0
No	No, but we are planning to do so	Yes
If you use detailed his	torical data to analyse past incidents, is it <i>costly</i> to obtain a	nd manage such data?

Risk assessment

15. Cyber-resilience is often associated with *cyber-security education* --- spanning from low level employees to mid-and top-level management. Do you think that your company is well-equipped to deal with that aspect?

Mid-/Top-level management:

- They are aware of the risks and put cyber-security among their *priorities*
- O They are aware of the risks, but cyber-security is *overlooked* in favor of other more important areas for production
- They are *not aware* of the risks, but the company is actively promoting educational activities focused on this specific aspect

Employees:

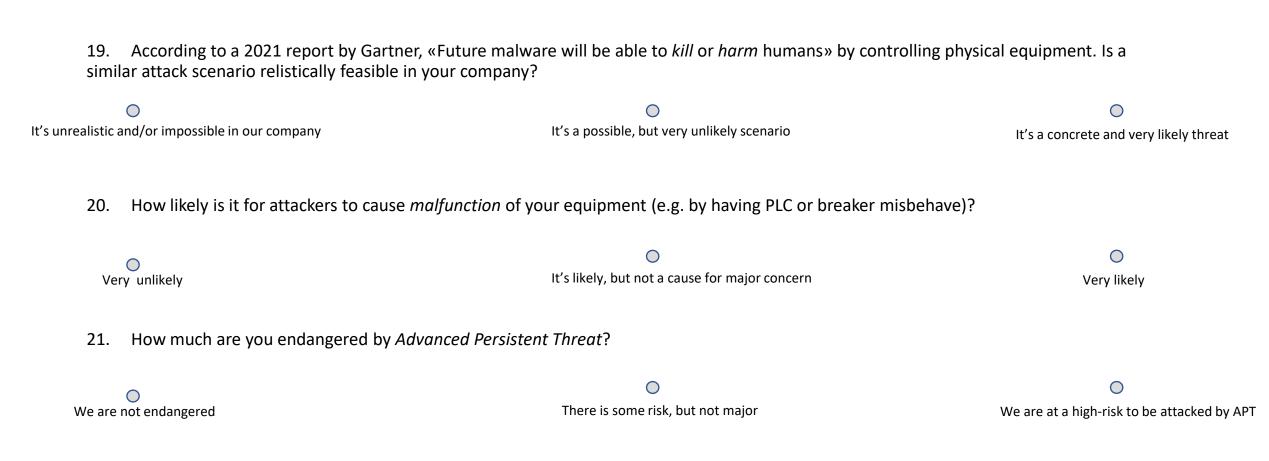
- They are aware of the risks and of the best practices to avoid such risks and such education is periodically evaluated
- They are not aware of the risks, but the company is *actively promoting* educational activities focused on this specific aspect
- They are not aware of the risks, and *unlikely to improve* their education in the short-term future

→ If you have training measures in place, how do they look like?

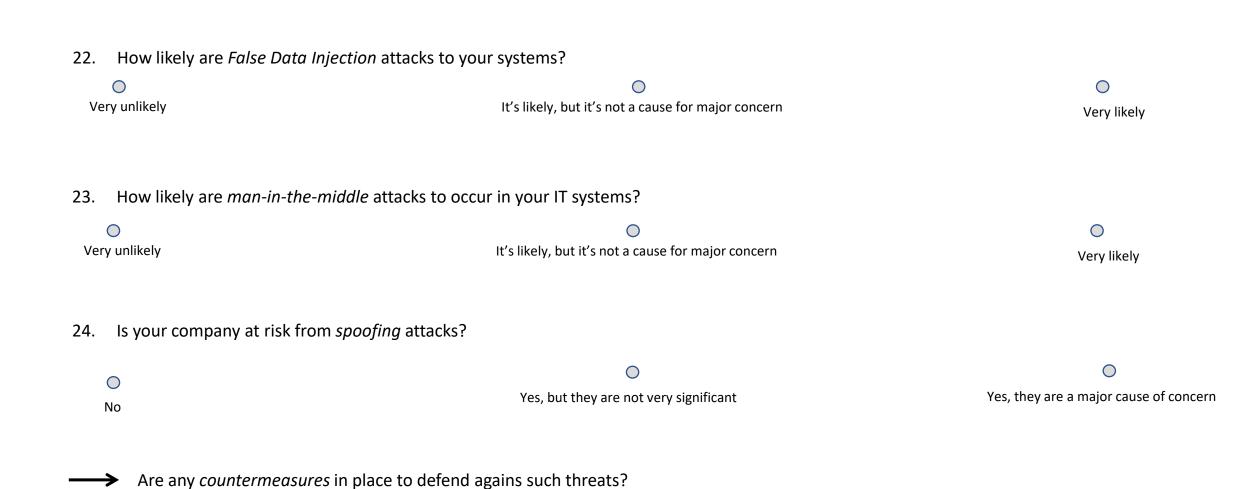
Attack scenarios

16. Consider an attacker that could access individual consumer data (e.g. energy consumption) in your systems. How threatening would that be for your company? 0 0 Not threatening Midly threatening Highly threatening Why? Is your company threatened by **Denial of Service** attacks? Midly threatening Not threatening Highly threatening Which of your systems are especially at risk to be a target of DOS? Do you use **smart meters** at your company and if yes, which percentage of meters has already been replaced by smart meters?

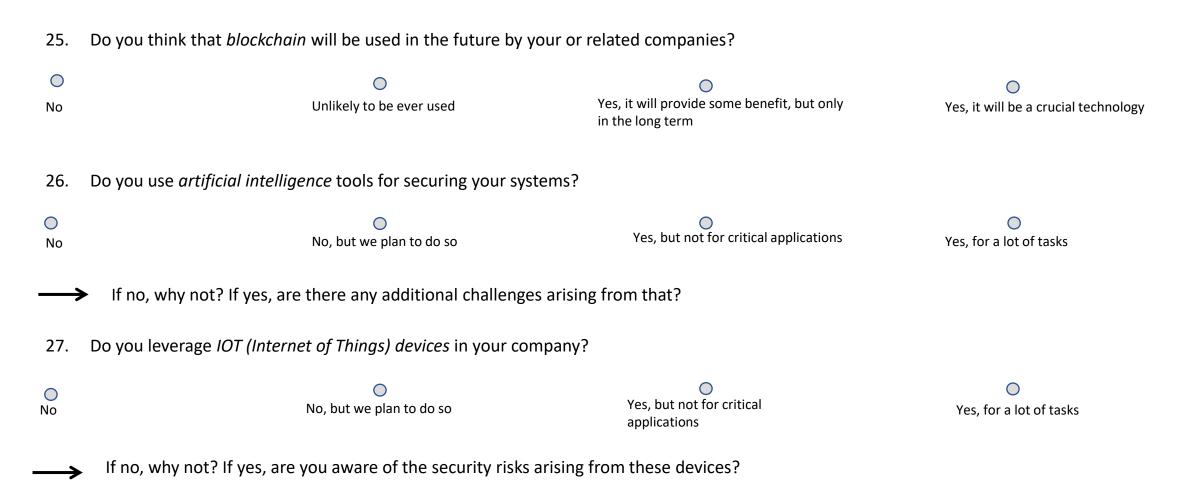
Attack scenarios



Attack scenarios



New technologies



Open questions

• Individual questions for each company.

Appendix

- Qualitative approaches for risk assessment: evaluate probabilities and consequences of risks with methods like brainstorming or workshops and not using formulas.
- Quantitative approaches for risk assessment: calculate probabilities of risks using formulas and mathematical simulation techniques, e.g. Monte Carlo simulations.