WORKSHOP SCENARIO part 1

CONTEXT

It's 2028, and you are working for a company called PODcorp. PODcorp has recently begun development on a device that allows near-instant transportation of people. The TELO-pod is a one-person capsule that can convert the user to data, transport them across the internet to a TELO-pod in their network, and rematerialize there. The person gets scanned on a quantum level. This information is stored locally until transmission is successfully verified by the receiving device and the person has rematerialized on the other side.

As this is a product with digital elements, PODcorp needs to comply with the CRA (amongst other legislation). Your job is to specifically, for the CRA, figure out what kind of activities the company needs to do in order to comply with the essential requirements of the CRA. The technology of the TELO-pod is not our concern. Our concern is the safety of the user from the cybersecurity perspective of the product.

For the sake of this exercise, we will assume that whatever is needed to comply with the essential requirements is available.

OBJECTIVE

Based on the given information. Consider what activities a company like PODcorp needs to do in order to ensure that the TELO-pod shall be designed, developed, produced, maintained, and disposed of in such a way that they ensure an appropriate level of cybersecurity based on the risks across the entire lifecycle of the product.

Consider at least the following:

- Risk assessment and treatment
- Methods to discover exploitable/exploited risks
- Communication with relevant stakeholders
- Updates
- Documentation

You may ignore vulnerability handling as it will be treated this afternoon.