**Cyber Security – practice**

TAKOS, Ltd. begins its activity in the field of automotive component production. It currently has approximately 300 employees. You are in the role of security manager and your task is to design security policies for the new information system that the organization will use in the future. You have a choice of three levels in which you should consider the security of the information system:

- technology,

- processes,

- people.

**Tasks:**

1. Consider the safety requirements and policies for each of the above categories. What should these areas meet in terms of ensuring the security of the information system?
2. Draw a scheme showing all three areas (including the individual elements they contain) and their interrelationships.
3. Based on the performed analysis and the proposed scheme, decide which tools you would suggest for each category.

**Exercise questions:**

1. Characterize the concept of a firewall. What is it used for?
2. What should you keep in mind when designing a security password?
3. What are the three basic terms that characterize information security? What is their significance?
4. What types of physical security do we have?
5. Describe the difference between authentication and authorization?