

Industrial companies are often targets of cyber attacks. The reason for this is that they have a lot of valuable information, such as technical drawings and formulas for products.

This information can be worth a lot of money to other companies, especially in countries where there are no strict rules about copying products.

There are also many criminals who want to get personal data about employees. This could include names, addresses and bank details. They can then use this information to steal money from them or to commit other crimes.

There are several ways that criminals can get into a company's computer system. One way is to send an email with a virus attached to it. If someone in the company opens the email and clicks on the attachment, the virus is installed on their computer.

Another way that criminals can get into a company's computer system is by using a method called 'phishing'. They send an email to an employee pretending to be someone else, such as a manager, and ask them for their password. If the employee replies to the email with their password, the criminal can then use it to log into their account.

A third way that criminals can get into a company's computer system is by looking for vulnerabilities in its security. For example, if a company has an old version of software that has known security problems, a criminal can use these problems to get into the system.

Companies can take several steps to protect themselves against these risks. For example, they can train their employees to recognize such emails and not to click on links or attachments in emails that they are not expecting. They can also make sure that all software is up-to-date.

1. What valuable information do industrial companies have that makes them attractive to other companies? Name the most common ones.

2. Read about information security risks at industrial companies.

- valuable – ценный
- to be worth – стоить
- employees – работники
- attachments – вложения, прикрепленные файлы
- to install – устанавливать

- to reply – отвечать
- vulnerability – уязвимое место, уязвимость
- software – программное обеспечение

3. Discuss in pairs.

1. How can criminals install a virus on a company's computer system?
2. What is phishing and how do criminals use it to gain access to a company's computer system?
3. What steps can companies take to protect themselves against cyber attacks?

4. SKILLS

Imagine that you are an employee of an industrial company and you have received an email with a suspicious attachment. Write a response to the email, explaining why you will not open the attachment and what actions you will take to ensure the security of your computer and the company's network. Share your response with the class.