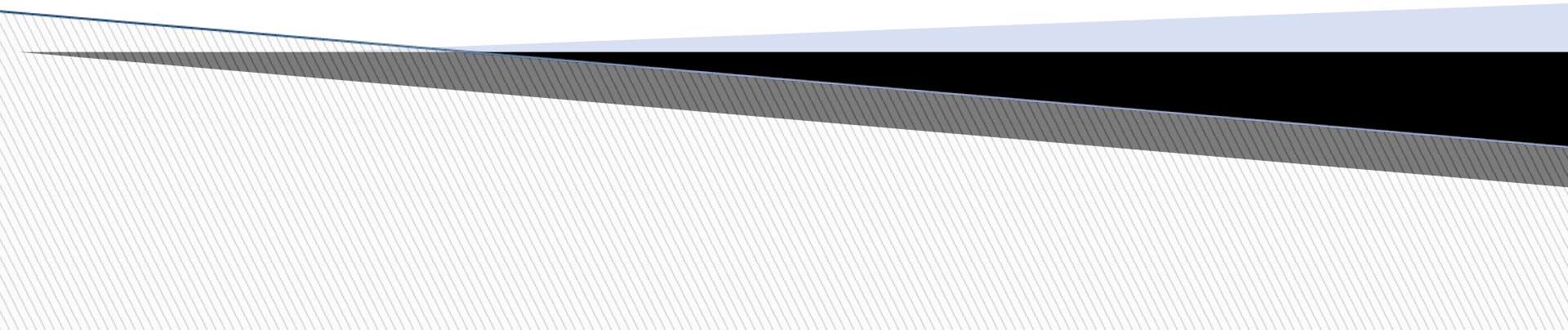


# Information security





# Information

- **Information** is a sequence of symbols that can be interpreted as a message.
- **Information** is data, regardless of their form of presentation.



# What information to protect?



□





# What information to protect?

- **Personal data** means any data relating directly or indirectly to a living individual
- **Example:** name + address, date, telephone number, etc





# Types of threats (угроз):

- 1) b
- 2) b
- 3) b
- 4) b
- 5) b

breach of property rights

cy



# How do we handle (обработываем) electronic information?





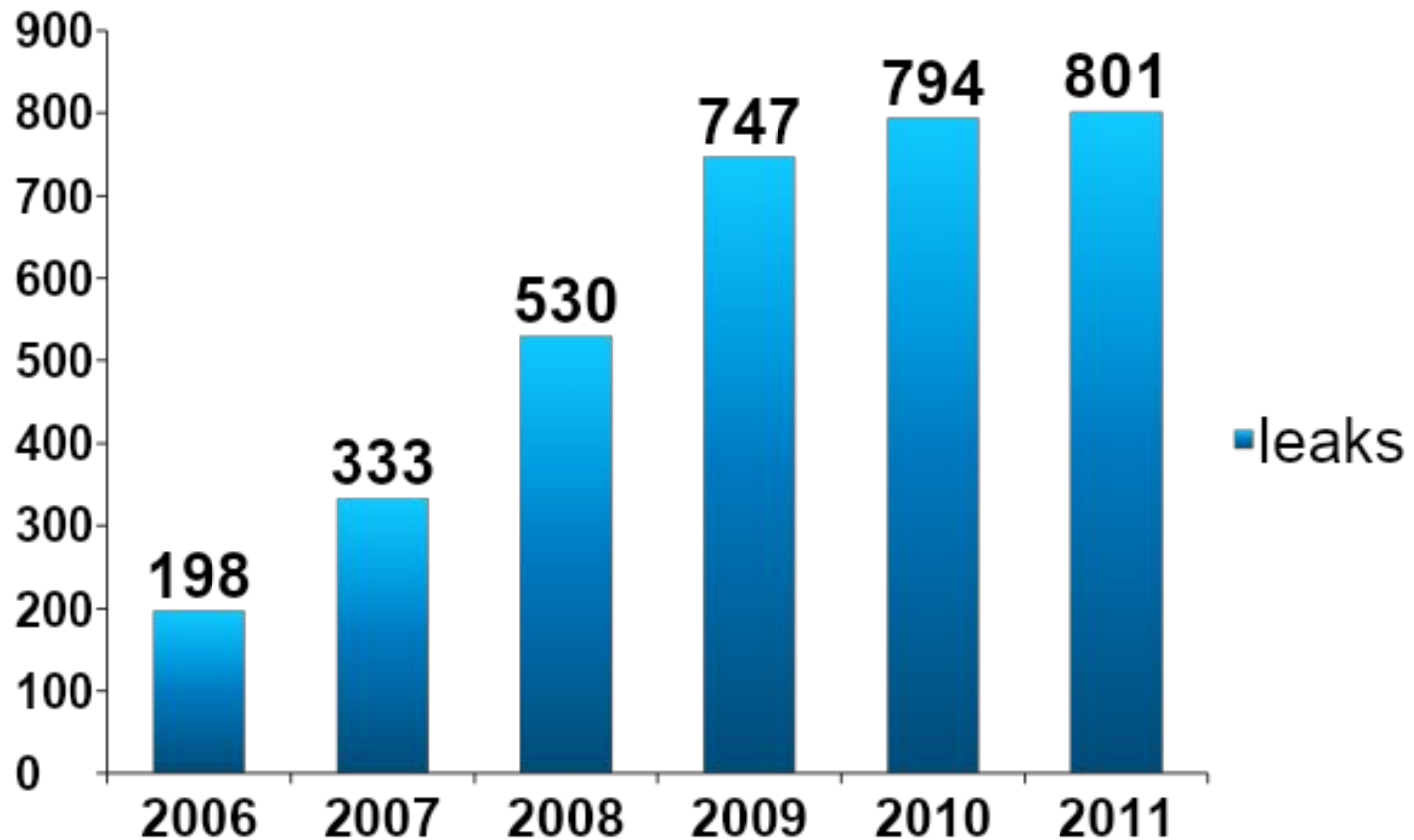
# How information leaks?

- Information leakage (утечка) happens whenever a system that is designed to be closed to an eavesdropper (перехватчик) reveals some information to unauthorized parties.





# Leakage growth dynamics

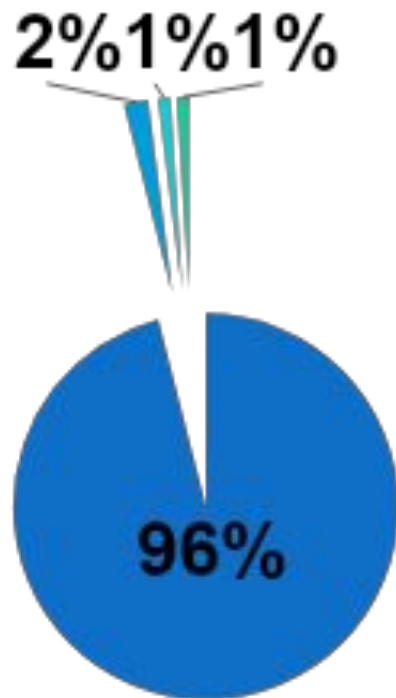


*Statistics by INFOWATCH*





# What data leaks most?

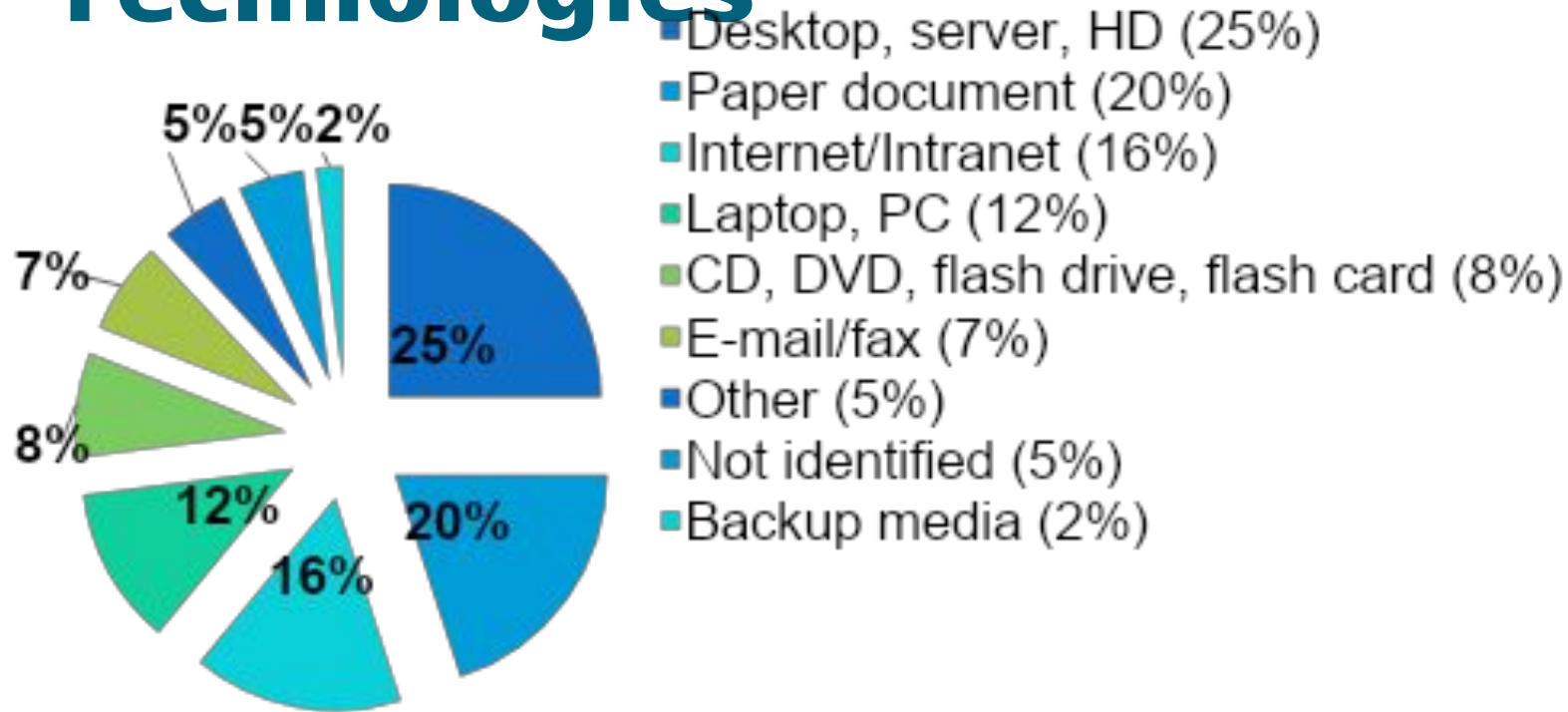


- personal data (96%)
- commercial secret (2%)
- State/military secret (1%)
- Other (1%)

*Statistics by INFOWATCH*



# Leak Channels and Technologies



*Statistics by INFOWATCH*



# Tips in preventing (предотвращение) information leakage

## ▣ You

1. A

2. S

a)

b)

c)

Strong passwords:

xQRj2YJ7IXE(5Ws  
2%4U1)gNI6x-N%D  
2Fc"6&|#^,776^/

ь)  
lom

# Tips in preventing information leakage







# Conclusions

- Nowadays information is very important. The main aim of researches is **information security and how to prevent information leakage.**



Thanks for watching !!!

