



# **information transfer**

# information transfer



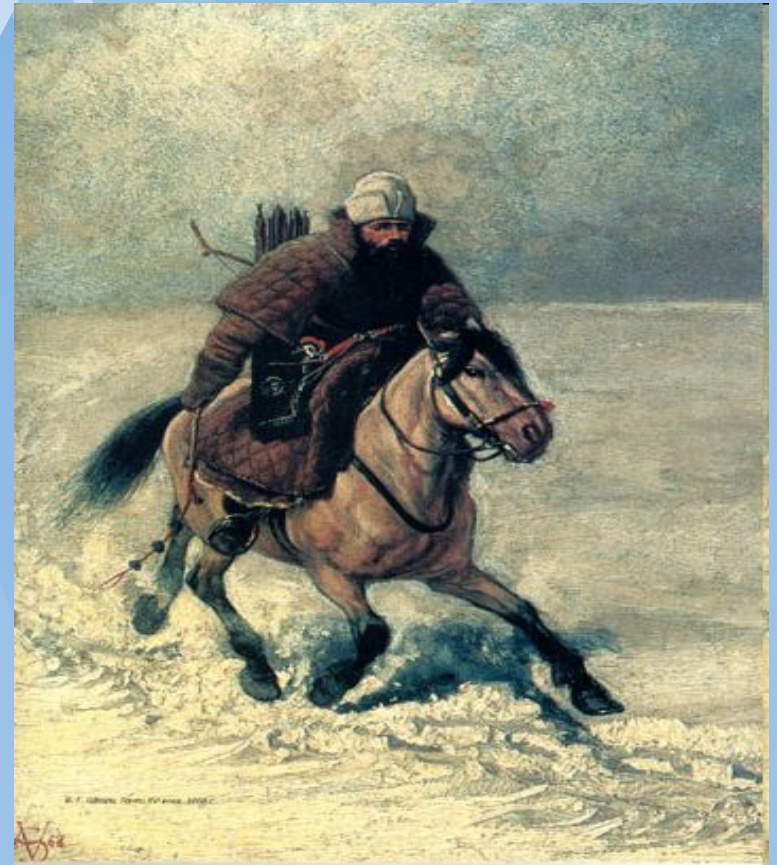
# How information was transmitted in the past





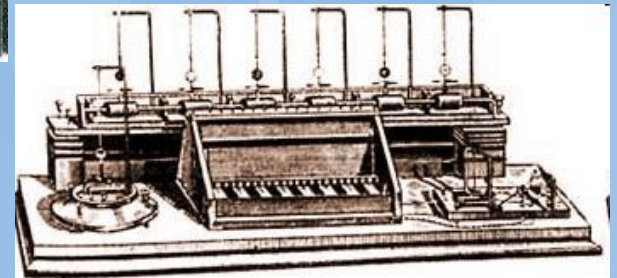
# How information was transmitted in the past

- To transmit information over long distances used messengers. Sometimes the messengers passed on subjects, mail, sometimes they memorized the message.



# Scientific discoveries and means of information transfer

- In 40-ies of the XIX century Russian scientist P. L. Shilling built in St. Petersburg Telegraph line, which linked the Winter Palace and the General staff.



# Scientific discoveries and means of information transfer

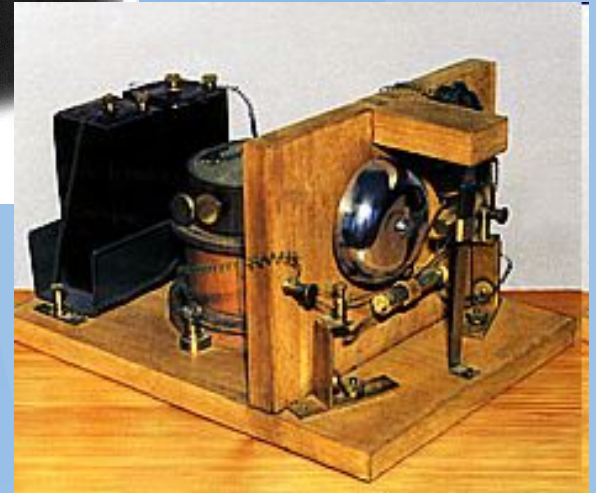
- In 1876, a telephone was invented in America, allowing the use of human language rather than Telegraph code for communication.





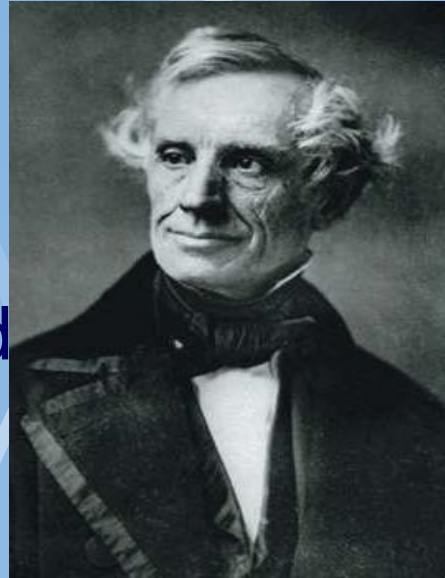
# Scientific discoveries and means of information transfer

- In 1895, the Russian inventor A. S. Popov opened the radio communications that doesn't require wires and cables.



# Scientific discoveries and means of information transfer

- Until 20-ies of XX century for Telegraph and radio communication used a special code invented by the French inventor Morse.





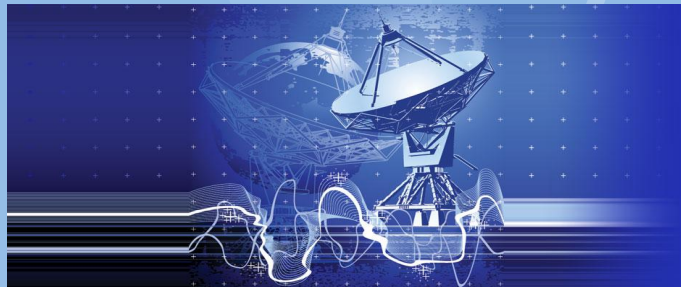
# Scientific discoveries and means of information transfer

- In the late 30-ies of XX century was the invention of a method of transmitting through the waves of the coded image. The first TV was created, first black and white, and then color



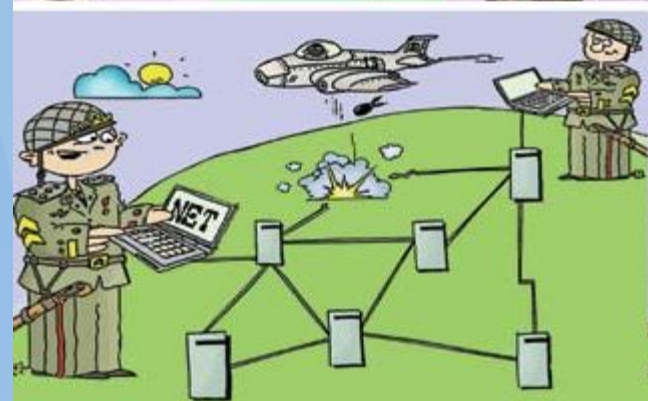
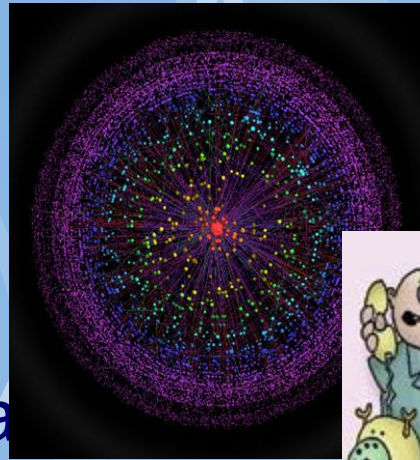
# Scientific discoveries and means of information transfer

- Today, in addition to broadcasting TV, there is cable and satellite, which appeared due to the success in space exploration. Satellite communications cover the entire planet.



# Scientific discoveries and means of information transfer

- In 1969, the first computer network began operating in the United States. It laid the Foundation for the formation of a computer network Internet





# **Conclusion**

The means of communication were very different. It's difficult to imagine what stage of development in this area will be next.

**Thank you for your  
attention!**