



# COMMUNICATIONS AND I

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Communication is the ability to transfer information from a distance. Currently, it takes a leading role in society.



# Telephone Communications.

Telephony - the area of science and technology, covering the study of the principles of building phone systems. Telephony allows you to organize (connect) and to local, inter-city and international telephone calls and send faxes, as well as to establish a modem connection in real time.



# Computer telephony

Computer telephony is a technology in which the computer plays a central role in the management of telephone calls, and in the implementation of the transmit and receivephone calls.



# Radio-telephone.

Under the wireless radio communication understand the telephone system, which does not require complex engineering work on the laying of expensive telecommunications and support them in working order. Communication can be organized quickly and regardless of the terrain and weather conditions (although the weather conditions and terrain may have a direct impact on the quality of communication).



# Cellular radio communication system.

The emergence of mobile communication has been associated with the need to create a wide network of mobile telephone communications in a fairly strict limits on the available bandwidth.

Currently, mobile communication is used in more than 140 countries on all continents of the globe. Russia, too, was among the countries that use cell phones. In Russia, mobile communications began to be introduced in 1990, Al 1991 began its commercial use. Currently in Russia there are about 160 million subscribers (at the end of 2006 - 160million).



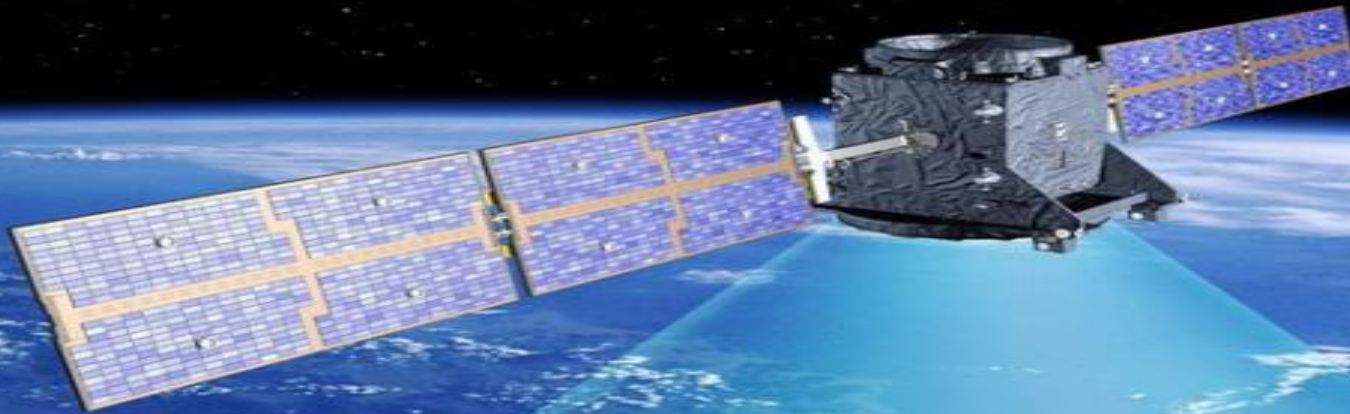
# WI-FI

Wi-Fi-standard for radio equipment for broadband designed to organize local wireless networks, Wireless LAN. Installation of such networks is recommended where the deployment of cabling is impossible or economically unfeasible. Thanks to the handover, users can roam between access points to the coverage Wi-Fi network without breaking the connection. Developed by a consortium of Wi-Fi Alliance standards-based IEEE 802.11.



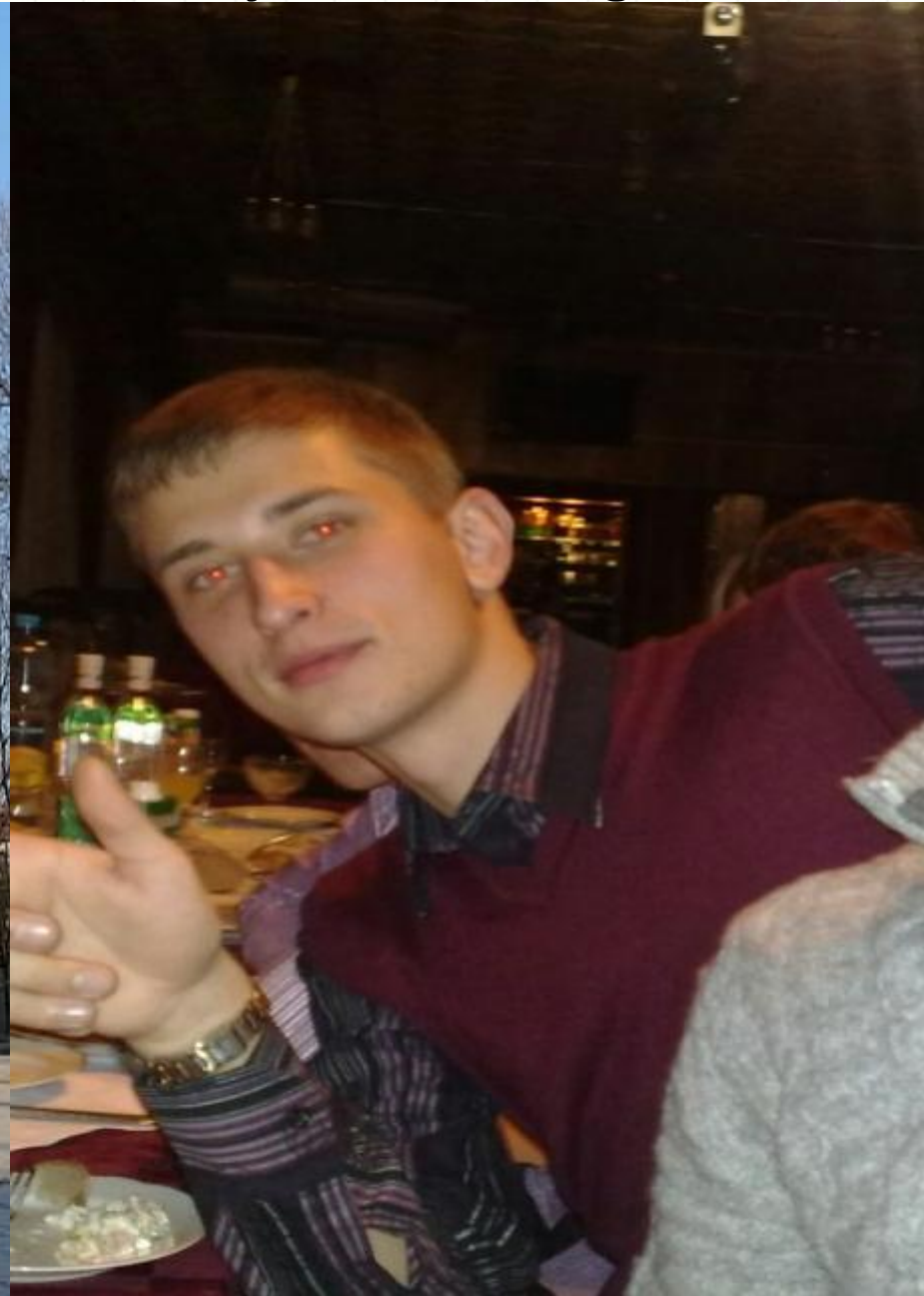
# Satellite communications

- Satellite communications - a type of radio communication, based on the use of artificial earth satellites as repeaters. Satellite communication is between the earth stations that can be both fixed and mobile. Satellite communications is the development of the traditional microwave transmission by making the repeater to a very high altitude (tens to hundreds of thousands of kilometers). Since the zone of visibility in this case - almost half the globe, the need for repeaters in the chain is no longer - in most cases and one.





**Smolensky College College of the best telecommunications in Smolensk! That's why I joined here! And I just do not regret!**



***Thank you for your attention!!!***

