

**Abstract**

This degree project considers creation of the VoIP network for the Coca-cola Almaty Bottlers JV LLP company. In the project it is made: justification of a choice of technology for the organization of communication; review of the equipment IP-telephonies; development of the scheme of the organization of the VoIP network for "Coca-cola Almaty Bottlers JV LLP". At the same time the existing concepts of creation of a VoIP-network, theoretical basics of calculation of parameters of communication networks with package switching, traffic control questions in the IP networks and environmental problems are covered. In settlement part calculations of parameters of a network (number of packages, speed of coding of the codec, average time of a delay, average time of service of one package) are made, the assessment of influence of an electric echo is made. The feasibility study on the project is also executed.