

Annotation

The diploma project is aimed at creating a corporate network in Aspan Telecom using VPN L2TP(IP-sec) technology.the local network was also configured. In this work, the sections are divided into five chapters where there are calculations of throughput using summation as well as calculations of quality parameters, the network was designed using the NetCracer 4.1 program. also, the equipment was selected with which a VPN tunnel was created between two nodes that are connected to different access points, and combined into one common corporate network . In the Chapter on life safety, calculations were made for lighting, as well as for the favorable microclimate of premises and working conditions. In the Chapter on the economic part, the company's profit was calculated taking into account all costs and the payback year