

Abstract

This thesis project is considering the provision of services in the city of Turkestan Megaline. The project analyzed the technology xDSL, analysis of telecommunication network of the city of Turkestan, installed equipment described SmartAX 5600 (IP DSLAM).

The project made calculations: calculation of loads of subscribers ADSL, calculation of the average packet delay in IP-telephony network, the evaluation of the interfering effect of the electric echo.

Business plan of the degree project and the issues of life safety.