

Abstract

This thesis is devoted to the design of IPTV using mobile devices in Atyrau. At present, the development of IPTV technology has increased the level where using different types of mobile devices can watch TV. Introduction of this new technology using mobile devices get ample opportunity to use multimedia and interactive services. In project examined the state of the existing network in the city of Atyrau and the architecture and basic services of the technology. Calculated audio and video compression, bandwidth, packet loss is also calculated during the collision. Also in life safety spent the analysis of the workplace, the calculation of the vanishing, the action of noise on the device and in the economic part was drafted business plan, where the results of calculation shows that this work is beneficial, effective, and will pay for itself in the coming year.