

ABSTRACT

Telecommunications in this time have gone to a services requiring big bandwidth for application like data communications, voice, video on demand, etc. All of the services require a network access which quickly but with expense budget and also can give a level of quality of services to customer of telecommunications a specially multimedia services.

One of the technology that able to give service access which quickly with expense budget is ADSL which have bases on ATM, technological this give flexibility for maximum exploiting from source of network which is copper cable network and offer an advantage for example big bandwidth, scalability beside area wide of network (WAN) with services of quality (QoS) and also network architecture which is not complicated.

This technology is including newly but expected to be made an alternative to broadband access services. and to its require to analyse to regarding forecasting of quality and demand of copper cable network which have there. And from conducted analysis hence we earn to know do technology of ADSL have bases of ATM this earn in implementation at certain area and also its growth to a period of to come.