

ABSTRACT

Progress of video technology at the moment hardly quickly push incidence of various means for doing communications by using video. Besides to communicate, video also many exploited for securities services, entertainment amusement etc. One of video technology being growing in this time is service Internet-Protocol Television (IPTV).

Internet-Protocol Television (IPTV) is service providing content television program and content entertainment interactive is other passed on broadband network IP which secure and manage in end to end by service provider service. The feature IPTV like streaming tv directly via network IP bandwidth wide. This service have the character of multicast, out of one source for many access concurrently. IPTV broadcast service category admission TV mean client will enjoy service as of quality of TV satellite and TV cable. this applicable expected IPTV service at Access Network laboratory cable network STTTelkom Bandung as component of researching into for development of new technology.

IPTV apply broadband ADSL. ADSL (Asymmetric Subscriber Line) is technological of digital modem which applied at network phoning is conventional to overcome lacking of bandwidth at copper telephone network. ADSL have Bandwidth direction Downstream and Upstream is different. With existence of Bandwidth characteristic like this hence usage of Bandwidth the becoming more efficient.

At this end project made a software base on web to be interface for user to able to access service IPTV and also expected by this IPTV technology is applicable LAN networks in STTTelkom Bandung.