

ABSTRACT

The development of streaming video at this time is being used and TV Over IP TV streaming service is a miss through the IP (Internet Protocol) that can be enjoyed through the LAN network IT Telkom. At the end of the project with the title "*STREAMING SERVICE of TV OVER IP MULTICHANNEL BASE ON WEB in ITTELKOM INTRANET NETWORK*" is a way to add a local network services in the IT Telkom intranet-based digital media distribution and content as the Campus TV, in addition to analogue TV services and TV Campus CATV.

Where the streaming server machine is configured to use one PC as a web server to provide services Multichannel TV Over IP as the interface with the user, after the engine has been active streaming server then this service can be enjoyed through a network of intranet and internet IT Telkom with the process stream that is done on the client.

Content streaming service is web based Live TV on analog and multicast are streaming (Streaming TV) associated with the streaming server, using the internal TV tuner as an input device that get input signals from analog TV CATV network IT Telkom. On each machine streaming server is configured in such a way to transmit a multicast packet video through the web interface so that the streaming server can be accessed by clients via the intranet IT Telkom.

With this feature multichannel, to facilitate the client can play the event by selecting the preferred channel that vary both local and broadcast events from the TV interface on the campus web server.

Keyword : *Streaming Server, Multicast, Live TV Streaming, CATV Network.*