ABSTRACT

Analog CCTV in this final project can only be accessed locally and offline only and have no recording function directly. For more efficient usage, the CCTV is connected to the service IP (Internet Protocol) that can be enjoyed through the LAN or the internet network in IT TELKOM. In this final project, entitled **"ANALOG CCTV STREAMING SERVICE BASED INTERNET NETWORK WEB AT IT TELKOM"** is one way that aims to increase the services of a local network of intranet and internet in IT Telkom using the analog CCTV, where the workings is: The DVR (Digital Video Converter) will detect any motion on the analog CCTV, then the movement is modulated by a modulator to be processed in the Streaming Server and supported to a web server. With the web server then the resulting video of the CCTV can be used as an addition to existing security systems, other than that it aims to take advantage of more efficient analog CCTV within the scope of IT Telkom.

This streaming service is via the intranet and configured using a PC as a web server and Streaming Servers to provide video streaming service for streaming to perform the process on the client side. The contents of this web-based streaming service is among the streaming video from analog CCTV linked to the Streaming Server, using the internal TV tuner as an input device that receive analog signals from the modulator on CCTV device that is used in CATV networks – IT Telkom. With the analog CCTV streaming service is expected to increase security ansdd also the efficient utilization of analog CCTV.

Streaming server is configured in such a way as to display simultaneously through a web interface so that the streaming server can be accessed by clients via the intranet in IT Telkom.

Keywords : *Analog CCTV, Streaming video, DVR, modulator*