

ABSTRACT

Softswitch is a next communication concept that is developed from the approach of PSTN, VoIP and data network. One of the equipment that is needed in operating of Softswitch is Media Gateway. Media Gateway is the implementation of transport function from Softswitch packet sentral and become one of the other important factor of the performance of Softswitch. That's way the performance of Media Gateway is become the important thing that must be watched. So, it is important to know the quality of a Media Gateway be related to the ability of Media Gateway to handle system capacity, bandwidth utilitation, and the other functions of Media Gateway.

In this Final Project will analysies the performance of Media Gateway be related to it's function in the implementation of softswitch, and will explaine about Softswitch. There isi some item that will be analysis among other sistem capacity that ca be handled by Media Gateway, bandwidth utilitation, and how the MG handles a calling and what is the proses whwn Media Gateway handles a calling related to it's function as a interface between two different networks. To support the finishing of this Final Project, so did case study in Telkom Lembong. It hope from this case study will get a analysis result about the problems so it can bring close to the fact bsae on datas which get from the source.