

## **ABSTRACT**

Softswitch is a technology that created for repair the weakness of konvensional switching system, and also as a bridge of circuit switch network evolution to become next generation network packet/IP base with broadband multiple ability. As a new technology, it needs a methode to help understand the base concept and work principle.

This final project is created for visualization methode about the softswitch work system especially for call service. This project consist of switching development overview, the weakness of konvensional switching system, softswitch based concept (architecture and softswitch component function), the protocol used especially in call processing , and call processing pass : access gateway , trunk gateway , LAN.

Software tool that used in this visualization development is Macromedia Flash MX 2004. I hope this project can help studing the softswitch work system, both the component and network include the communication process that entangling softswitch especially in academic.