

## ABSTRACT

The ability of network based circuit switch can't support multimedia services. Therefore, next generation, network based circuit switch will migrate to packet switch. VoDSL is a packet based infrastructure which can support multimedia with softswitch technology

In this final project, will be analyzed VoDSL interoperability in class 5 softswitch. Interoperability analyzed in IAD as Media Gateway, MGC, SG, MGCP as the protocol between MG and MGC. In this final project, writer use literature study method and show visualization of call setup by VoDSL and PSTN

The conclusion of this analysis that VoDSL interoperate with Softswitch through IAD, MGC, SG, and MGCP.

Key word: IAD, MG, MGC, MGCP, VoDSL