

## ABSTRACT

The access net is a network which has a function to connect one customer telephone with the other. It's being on copper access network, radio access network, and optics fiber access network.

Connection between customer and telephone central is doing on pair wire in a telephone cable. Central may catch 10.000 customer or more, it's make local channel network to be disorder. Especially it must be available a reserve to serve a request which may change beside that it's all not in good condition, it possible there any damaged from numeric witch has explain above. Local channel network create base on future need prediction, that why a servant available can fill a customer need on economics. Because of it's so variation, that why it's must be thought the factors witch influence the prediction in other to we know it. Even it's make in care full, couple of deviation still on haven.

In last project which shall explain by me is about copper access network program. Beside that it's has a lot of problem which have finished, for example a lot of channel telephone necessary which need for five year next. If we wrong in make it's deceation probably it may cause the network not be able to serve the customer on the right time or possible it's not enough on effective.