

ABSTRACT

Local network is a telecommunication network which is connecting user (telephone, data) with it's local central. Cooper local access network uses cable access which is devided into primary cable, secondary cable and distribution cable (loosed line). At the present, transmission media which is used are optic cable and radio wave.

In the local network, the last terminate is Limit Terminal Box (KTB) which is placed in the user's home. Between KTB and user's terminal there is IKR for user's home and IKG for user's building.

Home/Building Cable Installation (IKR/G) is a freedom given by Telkom to it's user for setting up, replacing and maintaning telecommunication device and Home Cable Installation or in the user's building.

In this final task, discussing about network infrastructure for Home/Building Cable Installation (IKR/G) and design a database software from that network infrastructure. Which is the software can make easy management administration and network data maintenance whether for active device or passive.