

ABSTRACT

Commonly, CDMA is used for mobile communication system. However, it also can be implemented for radio access network service which one of them is fixed wireless that play very important role in the development of telecommunications service.

TELKOMFlexi is a wireless communication technology developed by Fixed Wireless Network Division PT TELKOM with base of system CDMA2000 1x. This technology ia an answer of PSTN (Public Switched Telephone Network) scarce that blocked by investment problem and long development time. The development of CDMA technology is not as a mobile cellular, but fixed cellular. The device is used cordless phone and mobile station, so it is more flexible and personalized.

On this final project, it built an information system that make the user easier to get the information about the network condition they have, connected with the next planning of development network, such as the recommendation of BTS increment, the new coverage and the new pathloss as a result of data updating.

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