# ABSTRACT

The world telecommunications developing so along with the rapid progress on the processing of information, in Indonesia own occurs several phone technology without cable (Wireless Telephone). Telephone technology without cable developed in indonesia consisting of two platform namely gsm technology ( global system for mobile communication ) and cdma ( code division multiple access ). Powers of each telecommunication operators having any tissues in diverse relating to broad the reach of area . The smallest of the area telephone service called cells without cable. The smallest area of telephone service without cable called cells . Hence it is called also, a cellular phone. To the one area cells there is usually one device bts ( Base Transceiver Station ). Many of its possessed by a cellular operator causes the difficulty in particular the data on their own each of its related operation and maintenance should be conducted by its implementation in the field. Yet the cost of the need to develop its large sums of money. Then created that easy solutions in developing the BTS namely Openbts  (Open Base Transceiver Station) is a GSM BTS based software , that allows GSM cell phone to call without using a network of cellular operators .But in the development of the evolution of GSM (generation 2) to (generations 3 (3G) ) UMTS was built using basic technology WCDMA (Wide Code Division Multiple Access) , Then in the regard a the latest technology was built of Openbts namely Openbts-umts . Openbts-umts technology will be built a short message service between 1 mobile phone to communicate with other mobile phones .


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