

ABSTRACT

Along with the progress and also the growth of communications in Indonesia, which have applied third generation (3G), PT. Indonesia Telecommunications, Tbk (TELKOM) as one of telecommunications operator in Indonesia is developing the technology of CDMA 2000-1X which is also expanding in Korea, Chinese, Japan and American. The product name is Telkom Flexy. Telkom Flexy is the newest product from TELKOM offering voice and data services with speed 144 kbps and also offering interesting features such as, SMS, CALL Waiting, Call Divert and limited mobility . The peripheral that required at CDMA 2000-1X network is MSC, BSC, BTS, PDSN.

The problem that is being faced by TELKOM in this present time, one of them is the cooperation between MSC - BSC (different system).

This final duty analyse that TELKOM use a converter placed between MSC-BSC to overcome the difference of system problem.