

ABSTRACT

These last recent years, internet has become one of human's daily needs with 75% of the internet users are the wireless subscribers. With the highly increasing number of demand to access data through mobile network, cellular technology has improved its data access service to satisfy its customer.

CDMA 2000 offers PDSN a component supporting data access service. That provide clearer voice, reliable security high data access rate (2 Mbps for fixed network, 384 Kbps for pedestrian and 144 Kbps for mobile user movement using vehicles and also access ability that support full mobility in transmitting data using integrated mobile IP on PDSN (Packet Data Serving Node).

This final project focuses on data access procedure in CDMA 2000 network, including its protocol, configuration which support packet data and packet session type which integrated on PDSN and also the visualization of mobility Packet data.