

ABSTRACT

Smart Telecom as a new CDMA operators, develop CDMA EVDO Rev-A technology which allows customers to enjoy not only voice services but also high-speed data services. With access speeds that can reach 3.1 Mbps.

In this final project will create Neighborlist simulation program that can help to analyze performance data packet services networks of CDMA EVDO Rev-A in Smart Telecom Bandung who using parameters that were analyzed is power transmit, the configuration of the BTS and handoff progress. Parameter data obtained from the OMC and also testing.

The desired outcome of this final project is a program of visualitations that can be used to analyze the quality of CDMA 2000 1x EVDO Rev-A network in this form Neighborlist visualization.

Key words : handoff, neighborlist