ABSTRACT

Progressively complex it the telecommunication networks this time, will be needed an management network in order to the ambulatory operation performance in an optimal work. For manage of the telecommunications network PT.TELKOM have operated network for controller of telecommunications network is so-called Telecomunication Manajement Network (TMN)

Concept TMN first time be introduced [at] in the middle of the 80-an which then accepted globally become framework management for public telecom network. Characteristic technical TMN basically based of at standard body covering architecture, functional conditions, model information, protocol, conformance (homogenity).

One of peripheral from TMN among other things is NFM (Network Fault Management) functioning memanage faults of at telecommunication network centrally. At system NFM in PT Telkom in this time not yet can be optimal because of monitoring konektivitas of between NE with NFM do not real time so that influence performansi performance from NFM

This final project done by analysis of performance diskontinyu data at one blow be made by scheme software with program of patterning and delphi on the chance of in order to diskontinyu data can real time and here in after can be known by performance instant from data of the real time so that evaluate tehnis earn done.

After doing test and implementation, program scheme of at this Final Project can to function better so that earn to improve performance availability and also able to optimalitation performance from NFM of itself