

ABSTRACT

In the modern when it needs data services that rises is needed in big cities in general as case study that occurs in all the office that is in west java province , where all government offices have infrastructure the different tissues on each of his official, resulting in submission and security the data of every the office very long and cannot be in control freely by the government the provincial west java.

Therefore taken a move effective to make all the office that is in west java province into one tissue in which all the office can interact quickly and not having obstacles. And can do delivery of data is direct and safe. Make design tissue by PT. West Java telematika as service providers make a tissue by applying technology metro ethernet in which all the office connected become a network with connecting any the office with a cable fiber optic and divides each division in clusters of several and put several agencies as pop (point of protocol) which aims that gap between the office who teretak very far affordable and connected.

With application of technology metro ethernet had made all the office of west java province has a local independent and data can do this is good and accurate and safety data can be in control and set directly by the government of west java by the communication.

Keywords : Metro Ethernet, POP, Fiber Optik