

ABSTRACT

Network of Data communications exist in Indonesia most still use network Ethernet and one of them is PT. Telkom Lembong. Where PT. Telkom is big company with employees amount which quite a lot. With progress era and a lot of technology supporting mobility user hence technological appear of communications data with wireless which ready for replace network Ethernet

Wireless LAN is integrated system network in a district or location giving amenity to all consumer to each other communicate through computer without using media of kabel. Wireless LAN offer portability and mobility to for the wearers to exploit service of data communications during in coverage region.

In this Final Project the planning of wireless LAN was done in PT. Telkom Bandung Centrum. Where in the scheme cover: technological standard determination, determination of network topology, analyse requirement user, equipments election, parameters calculation becoming eligibility standard, analyse characteristic of wireless LAN, installation hardware, installation software, and determine addressing.

The needed result of this Final Project is network of wireless LAN Using peripheral of Access Point as link media between user with LAN earn to improve performance from PT. TELKOM as one of very big company trussed with service of data communications. this Final Project also be expected to earn to give picture about scheme for putting Access Point and arrangement Channel to avoid the happening of interferensi usher Access Point also determine the level of required emittance to include cover each every column.