ABSTRAK

The development of increasingly sophisticated technology so that the need for information in the

form of data, voice, and video is increasing. This data needs to be realized by the presence of a

network with high-speed access. And with the development of fiber optic media now supports data

transmission speed in a network. A reliable network can support various multimedia services with

large bandwidth that can improve the performance of a Business Office, agency or institution.

PT. CORE is a State-Owned Enterprises (SOEs) which are Under the Telecommunications Strategic

Industries Management (BPIS) which is engaged in telecommunications equipment. PT. INTI

(Persero) is a stand-alone entity with the status of the company that transformed the company from

activities with the telecommunications company.

In the PT INTI, rather artifacts headquarters building 10 floors. Of the entire headquarters building,

there are 300 users. And perlantal about 40 s / d 60 users. Some data services need to be in receipt

of each user in the form of the headquarters building: IPTV, Internet, Telephone, and CCTV

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