

CHOKCHAI PINAIKUL : A DESIGN OF LOCAL AREA NETWORK FOR CHULALONGKORN
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The purpose of this thesis is to design a local area network for Chulalongkorn University. By studying university policies, university administration, requirements of all-level users, and international network technology standards, found that CUnet should be use TCP/IP as a major protocol, and consists of 2 network types :

1. Subnetwork in faculty, institute, or office offer users using any kinds of networks.
2. Dual FDDI backbone network link all subnetworks together by specify standard connections between them.

Basic network services are terminal emulation, print service, electronic mail, file service, communication service, file transfer, and remote procedure call.

Computer Service Center coordinating with other organizations in university provides user services, and has responsibility to take care CUnet in top view.