

X.25 AS ONE OF DATA COMMUNICATIONS PROTOCOL STANDARDS

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Abstract:

Data communications technology today has become a necessity that can be categorized fairly important role to meet the demand for exchange of data / information quickly and accurately in line with the growing computer and telecommunications technologies in the information age which is increasingly growing rapidly as now .

Engineered to be able to form a data communication network was started several years ago and continue growing until the present, with one of their product engineering and it is a protocol that became one of the components of data communication, that is all things relating to procedures for setting up and utilization of resources power of the respective data communications network.

One of the protocols are quite dominant in the field of data communications today is the X.25 protocol-oriented technology with an emphasis on efficiency and cost, and the broader needs of the prototype of the X.25 protocol has been standardized by CCITT in 1976 became the standard protocol .

The mechanism of this X.25 protocol uses the concept of seven layers as a reference, where the practice takes advantage of Layer 1 protocols (Physical Layer), Layer 2 (Data Link Layer) and Layer 3 (Network Layer) of the concept of the OSI 7 layer. By applying these concepts in a standard protocol in-merela recognized by those who are involved in the field of data communications worldwide.

Bibliography : 5 (1979 – 1991)