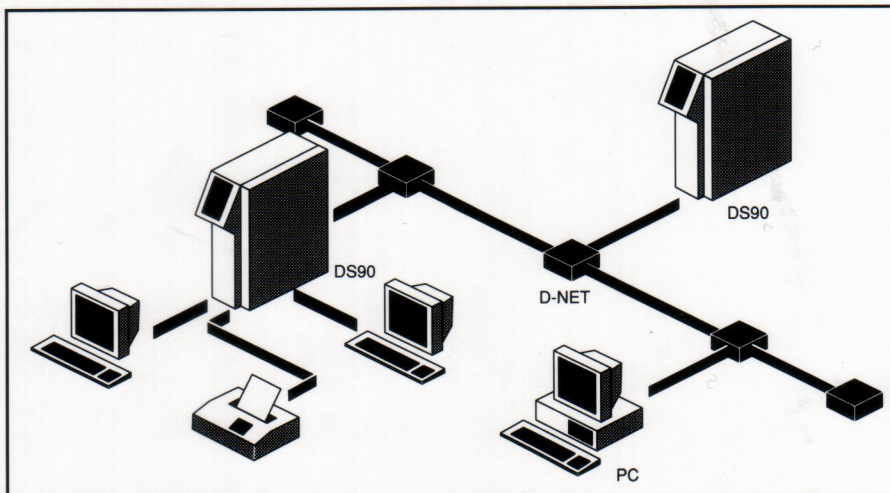# Low-cost Local Area Network

■ **D-NET**

D-NET enables computers of the DS90 family to be easily linked together on a low cost basis.

D-NET is simple to install, manage and use. It provides transparent connections between users and computer system resources distributed throughout the network.

To protect against unauthorized access to a distributed network, D-NET supports and enhances the high level of access control provided by D-NIX and by the added REMOTE ACCESS function.

Communication between multiple D-NET can be performed through local direct connection or wide area network using the X.25 protocol.

D-NET features

o NCU - Interactive terminal facility for terminal access across the network.

o RX - Remote Execute gives the user the feature to access programs all over the network.
- Network spooling for printing on any other printer in the network.
- File transfer for copying datafiles between systems in the network.

o User program interface which is used for user-written network applications.

o RACCESS - Remote Access gives the user the feature to access a file system in another computer in the network.

o IPTOX25 - Routing Internet Protocol Packets via X.25-Ethernet

DS90 D-NET hardware

A communication processor has to be installed in the backplane of the computer system and a cable and a D-NET transceiver has to be added. The network is based upon non-expensive coaxial cables.

COM kit

Communication processor, cable for synchronous modems and NETMAN software.

NET kit

Cable and transceiver. The cable interconnects the communication processor and the transceiver.

DS90 D-NET software

The base of all networking and communication in the DS90 is the NETMAN software package. This software is included in the COM kit.

Installation considerations

D-NIX 5.2 or later and COM kit
001-7095-XX

Ordering information

COM kit	001-7095-XX
Net kit	001-7094-00

XX is machine dependent

DIAB ▲ DATA