IBM 3745 Communication Controller and Network Control Program

Highlights

- High-performance communications controller meeting user demands for high availability and enhanced connectivity
- Range of models featuring very high connectivity for communications line adapters, 4/16-Mbps token-ring adapters and parallel channels for connection to S/390® server
- Runs under control of the Network Control Program (NCP), offloading boundary functions for SNA routing from the S/390 server
- Excellent network management facilities fully supported by NetView program

Features and Benefits

- 8- or 16-MB storage per Central Control Unit (CCU)
- Up to eight IBM token-ring attachments operating at 4 Mbps or 16 Mbps
- Up to eight high-speed line attachments for T1 or E1 circuits
- Up to 16 parallel channel connections to the S/390 server
- Up to 16 attachments to Ethernet Version 2 or IEEE 803.2 local area networks (depending on model)
- Up to 896 low-and medium-speed line attachments
- Interfaces for local, alternate, and remote consoles, and for the Remote Support Facility

Key Selling Points

- Improved performance over the 3720 and 3725
- High availability because of reliable technology, fault avoidance, and improved serviceability
- Selected connectivity adapted to different user needs
- Allows for traffic growth and network or machine consolidations
- Model and feature conversions and upgrades in the field
- Offers a variety of robust networking solutions in terms of connectivity, performance, functions, availability and system management
- Excellent choice for small to large networks
  - Supports SNA and IP.
  - Frame relay supported for multiprotocol networks.
  - Proven technology.
  - NCP tier pricing enables you to pay for what you use.



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