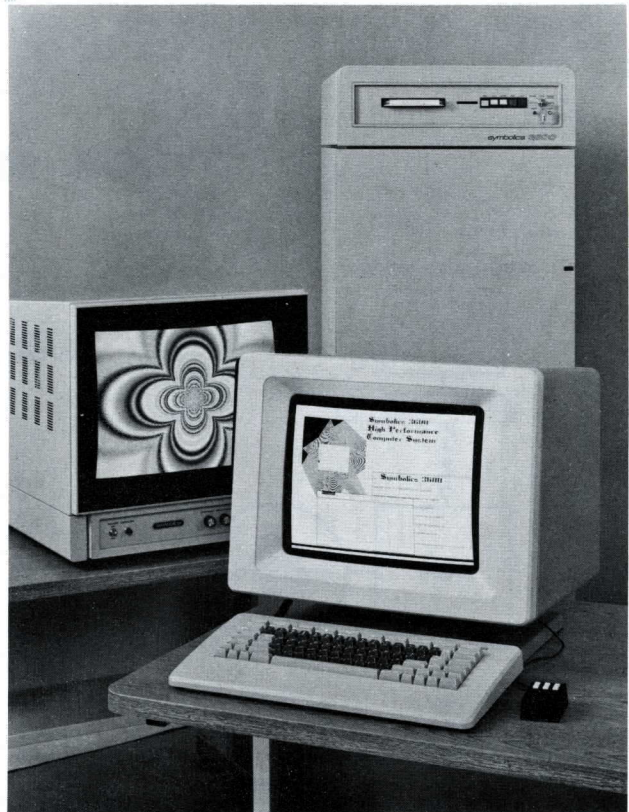


Powerful Communication among Computer Systems

The Symbolics Network System enables Symbolics 3600 systems to share resources and exchange information comprehensively with each other and with standard time-shared computer systems. Communication and access are supported via an industry-standard 10-Mbit/sec Ethernet local network. High-level user services, including generic file-system access, file transfer, electronic mail, remote login, and real-time message-sending, are implemented compatibly across all supported operating systems. Geographically separated local networks can be interconnected with full services provided.

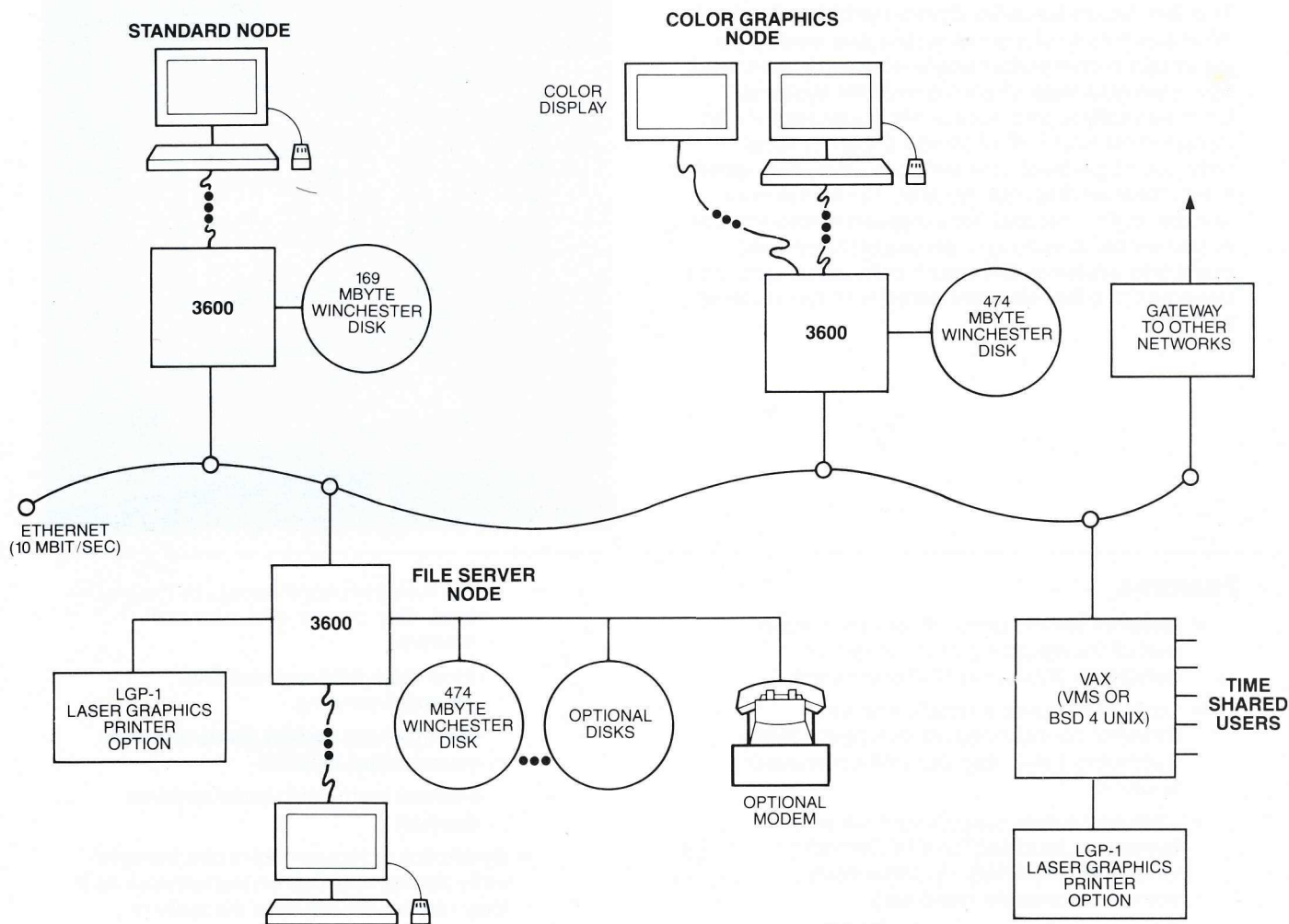


Features

- Network system products are an integral part of the operating environment of Symbolics 3600 and LM-2 computers.
- Local area network facilities provide Ethernet connections for Symbolics 3600, Symbolics LM-2, and DEC VAX computer systems.
- User and server support for high-level features is provided for VAX (Berkeley) UNIX and VAX/VMS. (In some cases, source licenses are required.)
- Support is also available for TOPS-20 and TENEX by special quotation.
- Symbolics Network System permits point-to-point communication among Symbolics computers and allows them to act as gateways between local networks at different sites. Transmission speed over auto-dial telephone lines is 1200 bps and over dedicated lines is up to 9600 bps. A Symbolics network provides all high-level user services transparently.
- High-level user services include:
 - Local and remote file-system access and file transfer
 - Remote peripheral access to magnetic tape, disk, printer, and auto-dial modems
 - Electronic mail and real-time message-sending
 - Remote host system status and user name-server facilities
 - Remote login with virtual terminal support
- Symbolics computer users can transparently access any files on the network as if they resided on the local file system.
- Auto-dial communications allow Symbolics customers to exchange electronic mail and files with each other and with Symbolics, facilitating remote diagnostics as well as other high-level user services.
- Robust network-control programs automatically handle error checking and retransmission, flow control, dynamic configuration, traffic-statistics collection, and routing.
- Local-network cables can be extended up to 500 meters and permit the connection of up to 100 transceivers per cable.

3600 Network Capabilities

TYPICAL 3600 NETWORK



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