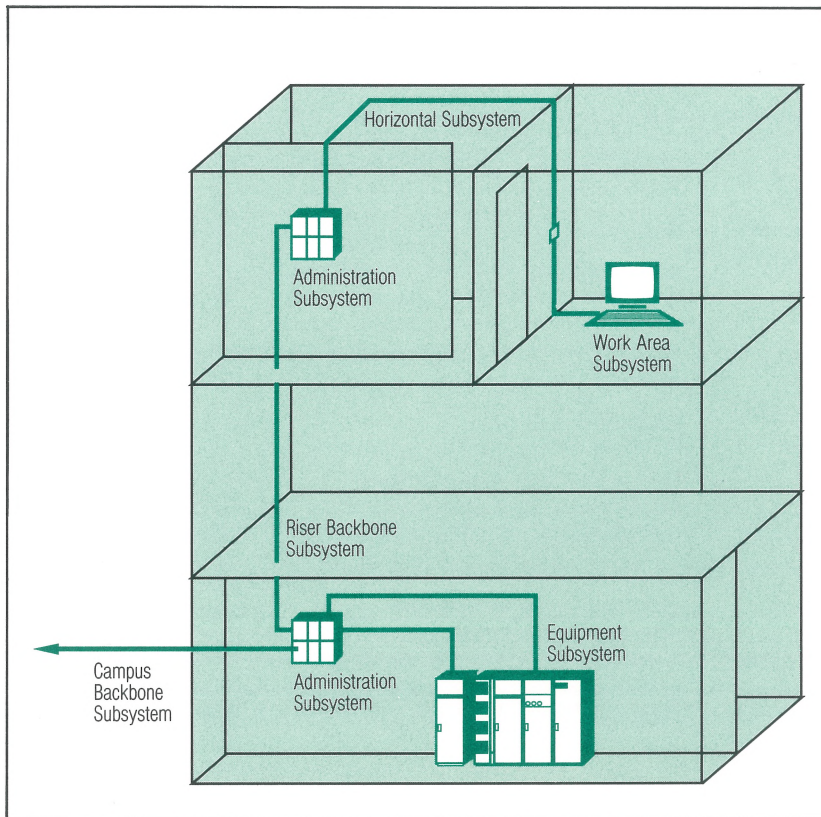


SYSTIMAX[®] Premises Distribution System

SYSTIMAX PDS subsystems offer modularity.



- **Data Communications:**
 - EIA-232-D, RS-422, and RS-423
 - Ethernet
 - StarLAN
 - Token Ring
 - FDDI
 - TPDDI
- **Voice Applications:**
 - AT&T
 - Matra Communications
 - Rolm
 - Northern Telecom
 - Mitel
 - NEC
 - ICL
 - ISDN
- **Video:**
 - Baseband Video Transmission

Features

- **Full Line of Products**
SYSTIMAX PDS includes copper and optical fiber transmission media, cross-connects, adapters, connectors, jacks and plugs, transmission electronics, protection devices, and support hardware.
- **Modularity**
Based on a physical star topology, SYSTIMAX PDS offers a modular subsystem approach so that your needs can be addressed at each structural or administrative distribution point.
- **Flexibility**
Your networking needs can be accommodated with a variety of high-performance cables that carry up to 100 Megabits per second (Mbps) of data for a range of speed, distance, and signal capabilities. The system is flexible enough to be multi-vendor compatible so your equipment, from various vendors, can be plugged into this universal building wiring system.
- **Evolvability**
SYSTIMAX PDS, designed by AT&T Bell Laboratories with the future in mind, is a building block upon which voice/data devices, interconnection and network management products can be added with confidence now and in the future.

System Description

AT&T SYSTIMAX Premises Distribution System (PDS) is an integrated wiring distribution system with open architecture to provide multi-vendor compatibility, modular expandability, and customization. SYSTIMAX PDS combines unshielded twisted pair copper with optical fiber cabling to connect a wide variety of devices and networks—multiple-vendor voice/data communications devices, switching equipment, computers and computer networks, video and imaging devices, facsimile (fax) devices, and network management systems, among others—within a building or a campus network.

Application Highlights

- **Data Processing:** Equipment lines from various vendors are supported, including but not limited to, the following applications:
 - IBM (3270-Type A, System 36/38, and AS/400)
 - NCR
 - Hewlett Packard
 - Honeywell
 - Prime
 - Ericsson
 - Olivetti
 - Wang
 - Unisys
 - DEC
 - Gandalf

SYSTIMAX® Premises Distribution System

Advantages

- **Investment Protection**

SYSTIMAX PDS supports the cost-effective integration of a wide range of systems and devices. Since SYSTIMAX PDS is designed to work with your in-place voice and data systems, considerable investments in hardware, software, and user training are safeguarded.

- **Significant Cost Savings**

SYSTIMAX PDS helps cut the time and expense required for moves, changes and rearrangements. And it eliminates expensive proprietary cabling systems.

- **Integrated Distribution Plan**

SYSTIMAX PDS helps you consolidate disparate wiring systems into a uniform, standard network.

- **Enhanced Control**

The SYSTIMAX PDS design supports easy and precise troubleshooting by your personnel. This helps to ensure maximum efficiency in managing and administering the entire distribution system. The available Cable Management System accurately tracks all of your moves and changes to provide you with software based administration.

- **High Speed Capability Over Unshielded Twisted Pair**

AT&T SYSTIMAX PDS LAN Cables, Types 1061/2061, can transmit 100 Mbps data rates and are capable of performing in high-speed LAN environments.

- **Five Year Assurance Program**

AT&T believes so strongly in SYSTIMAX PDS, that it is backed by a comprehensive assurance program. The program is offered by AT&T and our authorized SYSTIMAX PDS value-added resellers (VARs) to customers with qualifying installations. It covers the applications and components that are installed by AT&T and our authorized VARs for a full five years. No one else in the industry offers a warranty like ours, and you can't afford to miss out.

- **Fiber-to-the-Desk**

SYSTIMAX PDS currently supports fiber-to-the-desk applications and continues to enhance product offerings including FDDI and applications for the future such as SONET/SDH.

- **Increased Vendor Support Through Labs Testing**

A vendor test program exists to test and certify new products and applications from other vendors.

Summary

For all the networking applications in your business environment, AT&T has responded with one premises wiring system—SYSTIMAX PDS. It offers you:

- Affordable unshielded twisted pair copper technology
- High-speed and broad-bandwidth transmission capability
- Flexible, subsystem-based open architecture
- Evolvable to meet future needs
- Multi-vendor compatibility
- Compliant with industry standards including: EIA/TIA 568 Industrial and Commercial Building Wiring Standard, 802.3 10Base-T, and the Fiber Distributed Data Interface (FDDI) Standard
- Qualified installations are backed by a five-year assurance program that includes applications and components.

SYSTIMAX is a registered trademark of AT&T

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