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James Trulove

LAN WIRING

an illustrated guide to

NETWORK

cabling

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LAN Wiring

An Illustrated Guide
to Network Cabling

James Trulove

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From basic concepts to detailed implementation issues...the one-stop resource for getting your LAN wired quickly and correctly

LAN Wiring is a concise source of the latest information on local area network wiring. It includes extensive details on both copper and fiber cabling for all types of LAN topologies, including Ethernet, Fast Ethernet, Token-Ring, 100VG-AnyLAN, Arcnet, ATM, and FDDI. Diagrams, tables, and photos provide quick reference on wiring details, while comprehensive descriptions of concepts, planning, and management of the physical layer provide needed information for network managers, designers, and installers.

Whether you're planning your first LAN installation, or are in the thick of an extensive upgrade, this book will enable you to cut through the complex issues and make informed decisions that result in an optimum and reliable wiring system for your network. Get the straight facts you need about:

- Planning, documenting, and maintaining your network cabling, with an emphasis on emerging standards, workmanship, and flexibility
- All the popular LAN topologies, cable types, wiring termination options, and the latest standards for structured cable system installation
- Detailed connection diagrams and installation descriptions for workstation outlets, punchdowns, and patch panels, including color codes and wire maps
- Cable construction details, including plenum fire-retardant standards, insulation alternatives, and performance issues for 100 Mbps and higher operation
- Wiring system management, including placement, testing, monitoring, and troubleshooting
- Standards organizations, document suppliers, trade and training organizations—plus on-line resources to ensure you stay current

This information-packed volume provides all the help you need to plan, install, maintain, or upgrade your LAN in a manner that is timely, cost-efficient, and high-quality.

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