

INTERMEDIATE TECHNICAL REFERENCE BOOKS AND TRAINING MATERIALS

- In-depth coverage of the hottest topics in networking technology.
- Well-designed for locating information quickly and easily.
- Readable style makes complex topics clear.

Networking technology grows so rapidly it's almost impossible to keep up. But these intermediate technical reference books and training material give you the background on the latest trends that will enable you to use new technology to the best of your advantage.

The books give text-book treatment to a number of different topics, including LANs, broadband communications, and dealing with Y2K problems.

An Introduction to Fiber Optic Systems—Build your understanding of fiber optics from the ground up. Begin with the initial design of optical links and go from there to understanding the tradeoffs made in designing a fiberoptic communication line.

ATM and Multiprotocol Networking—Asynchronous Transfer Mode (ATM) technology enables you to transmit data, video, and sound reliably and safely. This book offers solutions to the entire range of problems you may encounter while integrating ATM into your network.

ATM: Theory and Application—This book gives you a high-level summary of all ATM protocols and services.

Bigelow's Computer Repair Toolkit—This guide includes more than 100 ready-to-use tools on CD-ROM with in-depth guidance for each.

Broadband Communications—This guide is packed with practical information such as technology standards, services, architectures, applications, markets, and key players. You'll also get information about ATM technology, its protocol, and its switching and working environment, as well as other technologies that will be the future of broadband communications such as FDDI, DQDB, Frame Relay, SMDS, and SONET.

Cisco TCP/IP Routing Professional Reference—Since Cisco® Routers dominate the TCP/IP network market, this book is a valuable tool for MIS directors, LAN managers and administrators, network engineers, and support technicians.

Client/Server Communications Services: A Guide for the

Application Developer—Not many books discuss how various parts of distributed systems communicate with one another—but this one does. You'll learn how to zero in on the subsystems you need, identify those best suited to your applications, and get them all to work together smoothly.

Client/Server Database with SYBASE—This book focuses on database design, implementation, and management and SYBASE System 11.

CORBA: A Guide to the Common Object Request Broker
Architecture—An in-depth description of the architecture, services, and other issues related to distributed object-oriented environments.

Data Stores, Data Warehousing, and the Zachman Framework— Learn how to turn your data into something valuable and how to make it easily accessible in the right form at the right time.

Digital Switching Systems: System Reliability Analysis—Upgrade the reliability of your digital switching system to improve the level of service you deliver to your customers. This book brings digital-switching-system design, hardware and software reliability, and maintenance together in one book for the first time.

Fast Ethernet Implementation and Migration Solutions—Get step-by-step guidance when upgrading to Fast Ethernet. You'll learn everything from analyzing and optimizing budgeting and performance to wiring and installation.

Frame Relay Networks: Specification and Implementations—This book will help you master Frame Relay technology and standards so you can implement them into your information system and networks. You'll also see how Frame Relay technology compares to X.25, Switching Multimegabit Data Service (SMDS), and Asynchronous Transfer Mode (ATM) technologies.

HP OpenView: A Manager's Guide—A great way to learn everything you need to know about this open network management platform. Also includes helpful troubleshooting scenarios.

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Books (continued)

Internetworking IPv6 with Cisco Routers—This guide gives you full coverage of IPv6, ICMPv6, RIPv6, IDRPv6, and BGP4+.

Introduction to Data Communications and Networking—Learn about everything from physical carrier media to the six most popular protocol suites. Historical material is also included to show the logical development of a given mechanism.

ISDN: Concepts, Facilities, and Services—This updated edition has expanded to include information on ATM, Frame Relay, and the Internet. You'll get the latest standards and services in the field, as well as the latest on ISDN's use for Internet access.

LAN Blueprint: Engineering It Right—LAN Blueprint supplies you with all the information you need to plan and manage anyone's network. This book includes two diskettes containing flow charts, cost comparisons, checklists, and schedules to plan a network and keep it up and running.

The LAN Manager's Internet Connectivity Guide—It's the essential guide for connecting LANs to the Internet. In easy-to-understand language, it provides the hands-on guidance you need—both strategic and tactical—to set up your connection. Step by step, you'll learn how to work with an ISP, configure the router, establish e-mail and Web services, implement firewalling, and monitor the connection.

LAN to WAN Interconnection—Going from LAN to WAN can be difficult. This book provides jargon-free descriptions of the most widely used LAN architectures, extension technologies such as bridges, routers, gateways, and hubs, and a survey of wide-area service options including FDDI, Frame Relay, and ATM.

LAN Wiring: An Illustrated Guide to Network Cabling—This book provides complete details about methods, practices, and standards for installing and maintaining effective LAN wiring.

Mobile Computing: A Systems Integrator's Handbook—Find out how to build integrated systems based on emerging mobile-computing technologies with this handbook.

The Network Architecture Design Handbook—This reference book covers every aspect of contemporary network computing for all types of networks.

Network Protocol Handbook—Find out about the most common protocols used by most network sites, including Transport Control Protocol/Internet Protocol (TCP/IP), Xerox® Network System (XNS), Internet Packet Exchange/Sequence Packet Exchange (IPX®/SPX), DECnet® Phase IV/Local Area Transport (LAT®), IEEE 802.3, and Open Systems Interconnection (OS/GOSIP).

Signaling System #7—The all-in-one reference book on Signaling

System 7 (SS7). Subjects covered include key technology components, protocol functionality, and dozens of real-world applications.

SONET: A Guide to Synchronous Optical Network—Get up to speed about SONET with this book. It describes every aspect from operation to applications.

TCP/IP and Related Protocols: IPv6, Frame Relay, and ATM—This is the standard introductory text for TCP/IP users. More advanced users will learn to integrate TCP/IP with new technologies such as Frame Relay and ATM.

Telecomm Protocols, 2nd Edition—Everything you need to know about the telecommunications industry. This all-in-one reference gives you clearly defined overviews on every major networking protocol. New material includes an expanded look at Local Number Portability and Number Pooling, plus coverage of current Voice over Internet (VoIP) activities.

Virtual LANs—This book not only tells you what VLANs are, how they work, and how they're useful, but also how to use VLANs to divide large networks.

Voice and Data Communications Handbook—This handbook covers a wide range of topics presented in clear language. Topics include voice characteristics and processing, telephone equipment and networks, analog vs. digital transmission, the OSI model, Local Area Networks, and more.

Year 2000 Solutions for Dummies®—This guide provides you with easy-to-understand solutions and practical advice on how to deal with the Y2K problem, including where to start, how to proceed, and how to prepare for it. You'll learn how to recognize potential Y2K problems in your organization, establish your Y2K project plan, and more.

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