BLACK BOX
NETWORK SERVICES

MORE TECHNICAL REFERENCE BOOKS

Basic references you need every day.

We all learned it back in school: If you don't know the meaning of a word, look it up. But for questions about computer networking, you can't go to Collins' dictionary.

Collins defines a network as "system of intersecting lines, roads etc. interconnecting group or system." That doesn't tell me how to configure my PCs for Internet access.

So if you need to know the basic difference between RS-422 and RS-423, reach for the handy *BLACK BOX® Pocket Glossary of Computer Terms.* You get more than 1800 terms and phrases, along with descriptive information straight from our technical experts.

If you want more, there's *Newton's Telecom Dictionary*. Now in its 15th edition, it's jam-packed with technical definitions. Newton didn't miss much.

It covers everything from office equipment to underwater cable, with telecommunications switching, transmission, and SCSI in between.

The person managing your systems might be more interested in the *Handbook of Communications Systems Management*. It provides solid information about how to better manage network services and costs, create network solutions, and prepare for advanced technologies.

Each chapter is written by an expert in the field. You'll get a full range of perspectives and explanations of the technical, planning, administrative, personnel, and budget challenges a communications manager must face.

If your business's system is heavily centered on the Internet and its technology, *Netcentric and Client/Server Computing: A Practical Guide* is a must. This comprehensive guide includes a netcentric overview, frameworks for netcentric computing, design and implementation, plus a variety of special topics such as net-centric security. Reading this guide is the first important step in acquiring the knowledge and skills you need to bring netcentric computing into your organization.

Bring all the benefits of multimedia—including audio, graphics, animation, and full-motion video—to your company with the *Multimedia Networking Handbook*.

It explains how to preserve bandwidth on your LAN or WAN, prepare a network for the stringent requirements of two-way interactive video, and expand your network's capacity. Also included are practical tips from top experts at leading-edge companies, such as IBM, Hewlett-Packard, Siemens, and MCI.

Or choose the *Handbook of Multimedia Computing*, which compiles contributions from 80 academic and industry leaders, examining all the major subsets of multimedia activity.

This resource describes multimedia interaction in computer, communication, broadcasting, entertainment, and consumer electronics industries. It contains four sections: Basic Concepts and Standards, Multimedia Retrieval and Processing Techniques, Multimedia Systems and Techniques, and Multimedia Communications and Networking.

Need a basic understanding of today's telephone systems and services? Then order *The Telephony Book*, an essential resource if you're responsible for managing your organisation's phone system.

The book focuses on the practical side of telephony, showing how to best use telephone systems to help your company operate efficiently. It's also ideal for telecommunications firms training new staff, educators in the telephony field, or if you just want a refresher on the basics.

If you want to know exactly what a T1 connection can do for your network, order the *Guide to T-1 Networking, 5th Edition*. It tells you how to buy, install, and use T1 from the desktop to DS-3 (Digital Service, Level 3).

This guide explains T1 circuits, their advantages, and the kind of equipment you need. You'll also learn how to build, manage, and control a public and private T1 network. As an added bonus, there's a complete review of xDSL!

Web Bound 2000 is an essential reference directory for anyone doing business or research on the Internet. Like a phone book, the directory is broken down by category and listed alphabetically, so finding what you want is fast and easy. Only top-level domain names are included, so you won't have to leaf through tons of personal and transitory Web page listings in your search. "Hot Site" indicators denote sites that see a lot of traffic. You can also quickly spot sites that offer secure on-line ordering.

The directory includes listings for U.S. cities, chambers of commerce, hospitals, schools, churches, police, and government agencies.

If you're looking for the concise guide on ADSL (Asymmetrical Digital Subscriber Line), look no further. *ADSL: Standards, Implementation, and Architecture* not only provides a complete overview of ADSL and its most likely applications, but also covers marketing, implementation, and architectural issues. You'll also learn more

about the protocols used with ADSL, such as ATM, Ethernet, and TCP/IP.

The *Handbook of Communications Technologies: The Next Decade* does the unthinkable: it keeps you up to date on the latest standards, protocols, and tools. Explore topics rarely covered anywhere else such as Multiprotocol over ATM, IP Multicasting, Web-Based Network Management, MPEG-4, and more.

Each chapter describes a technology and its standards, explains its impact, and forecasts its future direction. There's no better way for today's communications professional to learn about new and emerging technologies.

Intranet Performance Management helps you keep all the components of your Intranet healthy with handy tips. To avoid serious bottlenecks, components of the Internet and of intranets—servers, browsers, and the access networks—must be properly designed, implemented, managed, and monitored.

This comprehensive guide describes state-of-the-art intranet management tools and offers criteria for their comparison. It also outlines the best ways to keep your systems simple and unified. The book describes methods you can use to contain costs, and details proven techniques for monitoring content, traffic, and load.

Complete your library with *The Telecommunications Handbook*. It provides basic principles and defintions, details advances in technology, outlines implementation techniques, and discusses the outstanding issues and key challenges you might face as a communication and networking specialist.

This indispensable reference is packed with diagrams, tables, and illustrations. Topics addressed include basic principles, services on broadband networks, signal processing and coding schemes, mobile and wireless networks, DSL technologies, digital video and multimedia, quality of service, regulation standards, and emerging technology.

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