



Voice Data Communications Handbook (Hardback)

By Regis J. Bates, Donald W. Gregory

McGraw-Hill Education - Europe, United States, 2007. Hardback. Condition: New. 5th edition. Language: English . Brand New Book. The Definitive Telecommunications Reference--Fully Updated Understand cutting-edge telecommunication and networking technologies using this straightforward, real-world implementation guide. Fully revised to cover all of the latest transmission protocols, Voice Data Communications Handbook, Fifth Edition covers all the bases--from analog transmission, VPNs, and LANs to DSL, CATV, WiFi, VoIP, and GSM. This authoritative volume covers the ins-and-outs of each vital topic, supplies practical examples and solutions, and provides helpful self-tests. You ll also find up-to-date information on regulatory standards, switches, routers, frame relay, and security procedures. Use new wireless technologies Understand the building blocks of analog transmission--bandwidth, amplitude, and frequency Provide transparent communications using the OSI model and seven-layer architecture Comply with local and federal regulations and RBOCs Transmit information using routers, SS7, PBX, and KTS switches Send and receive data across TCP/IP, wireless, cellular, and optical systems Create a connection using a modem Connect to multiple VPNs and LANs using frame relay, ATM, and MPLS Deploy high-speed broadband access with cable modems, xDSL, and CATV Get details on VoIP, SIP, and voice over data services Increase bandwidth using IP telephony techniques and PBX equipment.



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