Alvarion Radios User Guide

For networking and RF/wireless engineers, and graduate students who want a solid overview of voice over WLANs/VoIP technology (wireless local area networks / voice over internet protocol), this book covers voice coding, packet loss, delay and 'jitter', and 'echo' control, and shows how to combine both WLAN and VoIP technology to create effective voice over WLAN systems. Finneran also describes how to integrate voice over WLAN systems with cellular networks. This is not just another WLAN-only book nor a VoIP-only book; instead, it integrates both topics into a coherent whole. * Gives complete details on integrating voice and data services on WLANs, including wide area networks * Explores quality of service (QoS) and security issues * Step-by-step descriptions of how to plan and implement voice over WLAN networks

This book presents the evolutionary and visionary developments of WiMAX! WiMAX Evolution: Emerging Technologies and Applications focuses on the future developments of WiMAX technology. The book discusses the evolutionary aspects of WiMAX, from the physical to the application layer, including visions from industry, standardization and research communities. Several chapters of the book will present very new and unique information as editors and their respective organizations are involved in ongoing international projects on WiMAX, developing advanced WiMAX techniques. The Editors' in-house WiMAX test-beds enhance the book with privileged and seldom published information on practical issues. Key features: Presents evolutionary and visionary developments of WiMAX, motivating and inspiring readers to join and continue the developing work Contains chapters with previously unpublished material, including measurements on real WiMAX equipment and their validation, and introduction of robust header compression in WiMAX, and more Unique results on real WiMAX test-beds Covers WiMAX validation, novel scenarios, applications and business, advanced WiMAX architectures, WiMAX extensions, and WiMAX evolution and future developments Expert authorship with a balanced mix of contributions from highly regarded professionals from top research institutes, industry and academia This book is an invaluable resource for product developers, research and standardization engineers in industry, professors, research scientists and advanced students in academia. Technology managers and CTOs will also find this book insightful.

You've probably heard the expression, "It's timeto cut the cord." Well, it may be time to "cut thecables" at your office and free yourself from your desk andcomputer. Wireless networks are the waves of thefuture—literally. Wireless Networks For Dummies guidesyou from design through implementation to ongoing protection ofyour system and your information so you can: Remain connected to the office in airports and hotels Access the Internet and other network resources in thelunchroom, conference room, or anywhere there's an accesspoint Use your PDA or laptop to query your database from thewarehouse

or the boardroom Check e-mail wirelessly when you're on the road Get rid of the cable clutter in your office Wireless Networks For Dummies was coauthored by Barry D.Lewis, CISSP, and Peter T. Davis, who also coauthored ComputerSecurity For Dummies. Barry Lewis is president of aninformation security consulting firm and an internationally knownleader of security seminars. Peter Davis is founder of a firmspecializing in the security, audit, and control of information.Together, they cut through the cables, clutter, and confusion andhelp you: Get off to a quick start and get mobile with IrDA (InfraredData Association) and Bluetooth Perform a site survey and select the right standard, mode,access point, channel and antenna Check online to verify degree of interoperability of devicesfrom various vendors Install clients and set up roaming Combat security threats such as war driving, jamming,hijacking, and man-in-the-middle attacks Implement security and controls such as MAC (Media AccessControl) and protocol filtering, WEP (Wireless Equivalent Privacy),WPA, (Wi-Fi Protected Access), EAP (Extensible AuthenticationProtocol), and VPN (Virtual Private Network) Set up multiple access points to form a larger wirelessnetwork Complete with suggestions of places to get connected, Web siteswhere you can get more information, tools you can use to monitorand improve security, and more, Wireless Networks ForDummies helps you pull the plug and go wireless! Provides instructions on how to build low-cost telecommunications infrastructure. Topics covered range from basic radio physics and network design to equipment and troubleshooting, a chapter on Voice over IP (VoIP), and a selection of four case studies from networks deployed in Latin America. The text was written and reviewed by a team of experts in the field of long distance wireless networking in urban, rural, and remote areas. Contents: 1) Where to Begin. 2) A Practical Introduction to Radio Physics. 3) Network Design. 4) Antennas & Transmission Lines. 5) Networking Hardware. 6) Security & Monitoring. 7) Solar Power. 8) Building an Outdoor Node. 9) Troubleshooting. 10) Economic Sustainability. 11) Case Studies. See the website for translations, including French, Spanish, Portuguese, Italian, Arabic, and others, and additional case studies, training course material, and related information

This book provides professionals with a fresh and comprehensive survey of the entire field of computer networks and Internet technology—including an up-to-date report of leading-edge technologies. TCP/IP, network security, Internet protocols, integrated and differentiated services, TCP performance, congestion in data networks, network management, and more. For programmers, systems engineers, network designers, and others involved in the design of data communications and networking products; product marketing personnel; and data processing personnel who want up-to-date coverage of a broad survey of topics in networking, Internet technology and protocols, and standards. Become a cyber-hero - know the common wireless weaknesses "Reading a book like this one is a worthy endeavor towardbecoming an experienced wireless security professional." --Devin Akin - CTO, The Certified Wireless Network

Professional(CWNP) Program Wireless networks are so convenient - not only for you, but alsofor those nefarious types who'd like to invade them. The only wayto know if your system can be penetrated is to simulate an attack.This book shows you how, along with how to strengthen any weakspots you find in your network's armor. Discover how to: Perform ethical hacks without compromising a system Combat denial of service and WEP attacks Understand how invaders think Recognize the effects of different hacks Protect against war drivers and rogue devices

Finally, here is a single volume containing all of the engineering information needed to successfully design and implement any type of wireless network! Author Dan Dobkin covers every aspect of RF engineering necessary for wireless networks. He begins with a review of essential math and electromagnetic theory followed by thorough discussions of multiplexing, modulation types, bandwidth, link budgets, network concepts, radio system architectures, RF amplifiers, mixers and frequency conversion, filters, single-chip radio systems, antenna theory and designs, signal propagation, as well as planning and implementing wireless networks for both indoor and outdoor environments. The appendices contain such vital data as U.S., European, and Japanese technical and regulatory standards for wireless networks, measurements in wireless networks, reflection and matching of transmission lines, determining power density, and much more. No matter what type of wireless network you design—Bluetooth, UWB, or even metropolitan area network (MAN)—this book is the one reference you can't do without! The A-to-Z guide to wireless network engineering—covers everything from basic electromagnetic theory to modulation techniques to network planning and implementation! Engineering and design principles covered are applicable to any type of wireless network, including 802.11, 802.16, 802.20, and Bluetooth. Discusses state-of-the-art modulation techniques such as ultra wideband (UWB) and orthogonal frequency-division multiplexing (OFDM).

Following the success of the First MOBILIGHT 2009 in Athens, Greece, the Second International Conference on Mobile Lightweight Systems (MOBILIGHT) was held in Barcelona, Spain on May 10-12, 2010. It was not an easy decision to carry on organizing a scientific event on wireless communications, where competition is really enormous. This decision was motivated by discussion with many colleagues about the current unprecedented demand for lig- weight, wireless communication devices with high usability and performance able to support added-value services in a highly mobile environment. Such devices follow the users everywhere they go (at work, at home, while travelling, in a classroom, etc.) and result in exciting research, development and business opportunities. Such scenarios clearly demand significant upgrades to the existing communication paradigm in terms of infrastructure, devices and services to support the "anytime, anywhere, any device" philosophy, providing novel and fast-evolving requirements and expectations on - search and development in the field of information and communication technologies. The core issue is to support wireless users' desire for 24/7 network availability and transparent access to "their own" services. In this context, we continue to envision an international forum where practitioners and researchers coming from the many areas involved in lightweight wireless systems' design and deployment would be able to interact and exchange

experiences.

Offers a quick and easy approach to finding up-to-date contact information for political, government, media, judicial, and legislative leaders for each country of the world. The directory provides more than 10,000 names and addresses of the most important people in the world, as well as websites of countries (when available). A vital link in the global information chain for librarians, business people, journalists, students, teachers, and any general reader interested in obtaining global contact information.

WiMAX holds great promise for the future of broadband communications. Companies and consumers are increasingly dependent on broadband and are committed to taking broadband to the next level with mobile broadband or 802.16e, the WiMAX standard. The Business of WiMAX offers a complete guide to this exciting technology, addressing the critical issues surrounding WiMAX and its future. The author discusses the need for the technology, before explaining its architecture and deployment, modulation technology, wireless standards, spectrum issues, and network topology. Applications and the market for these are covered in-depth, and the exciting future of WiMAX is discussed. The book provides strategy and recommendations for achieving success in such a dynamic scenario. The Business of WiMAX: Offers a uniquely balanced business and technology perspective on the critical issues surrounding WiMAX and its place in the evolving broadband wireless industry. Explains the need, use, market, trends, business models, and the future road map for WiMAX technology. Provides strategy and recommendations to a variety of different players, including service providers, equipment manufacturers and chip makers. Supports practical insights with numerous examples and real-world case studies. This text is essential reading for professionals, strategists, leaders, researchers, analysts, investors and others in the IT and Telecoms domain. Managers planning to deploy wireless networked computing devices in their organisations, ICT consultants, business strategists, systems engineers and architects, and final year undergraduate and postgraduate students and academics will also find this an invaluable guide to WiMax.

Wireless home networks are better than ever! The emergence of new industry standards has made them easier, more convenient, less expensive to own and operate. Still, you need to know what to look for (and look out for), and the expert guidance you'll find in Wireless Home Networks For Dummies, 3rd Edition helps you ensure that your wire-free life is also a hassle-free life! This user-friendly, plain-English guide delivers all of the tips, tricks, and knowledge you need to plan your wireless home network, evaluate and select the equipment that will work best for you, install and configure your wireless network, and much more. You'll find out how to share your Internet connection over your network, as well as files, printers, and other peripherals. And, you'll learn how to avoid the "gotchas" that can creep in when you least expect them. Discover how to: Choose the right networking equipment Install and configure your wireless network Integrate Bluetooth into your network Work with servers, gateways, routers, and switches Connect audiovisual equipment to your wireless network Play wireless, multiuser computer games Establish and maintain your network's security Troubleshoot networking problems Improve network performance Understand 802.11n Whether you're working with Windows PCs, Mac OS X machines, or both Wireless Home Networking For Dummies, 3rd Edition, makes it fast and easy to get your wireless network up and running—and keep it that way!

* This timely new edition covers technological changes to broadband wireless access, including competing standards to WiMax, mobile entertainment, and new data backup systems. * Shows wireless operators how to plan a broadband wireless network for the greatest return on investment in the shortest possible time. * Municipal wireless networks are expanding throughout the United States and Europe, where the wired infrastructure is too old to support the volume of Internet traffic and where modern cable is too expensive for most Internet users.

Includes papers by various authors from a conference, held New York, 26 June 2003. - Funding for this publication was provided by World Bank, infoDEC Program; United Nations. ICT Task Force and the Wireless Internet Institute

WiMAX Broadband Wireless Access Technology, based on the IEEE 802.16 standard, is at the origin of great promises for many different markets covering fixed wireless Internet Access, Backhauling and Mobile cellular networks. WiMAX technology is designed for the transmission of multimedia services (voice, Internet, email, games and others) at high data rates (of the order of Mb/s per user). It is a very powerful but sometimes complicated technique. The WiMAX System is described in thousands of pages of IEEE 802.16 standard and amendments documents and WiMAX Forum documents. WiMAX: Technology for Broadband Wireless Access provides a global picture of WiMAX and a large number of details that makes access to WiMAX documents much easier. All the aspects of WIMAX are covered. Illustrations and clear explanations for all the main procedures of WiMAX are pedagogically presented in a succession of relatively short chapters Topics covered include WiMAX genesis and framework, WiMAX topologies, protocol layers, MAC layer, MAC frames, WiMAX multiple access, the physical layer, QoS Management, Radio Resource Management, Bandwidth allocation, Network Architecture, Mobility and Security Features a glossary of abbreviations and their definitions, and a wealth of explanatory tables and figures Highlights the most recent changes, including the 802.16e amendment of the standard, needed for Mobile WiMAX Includes technical comparisons of WiMAX vs. 802.11 (WiFi) and cellular 3G technologies This technical introduction to WiMAX, explaining the rather complex standards (IEEE 802.16-2004 and 802.16e) is a must read for engineers, decision-makers and students interested in WiMAX, as well as other researchers and scientists from this evolving field.

The cell phone is the fastest-selling consumer electronic in the world. On a global basis, over 800 million cellular telephones are sold yearly. More camera-equipped cell phones are sold each year than stand alone digital cameras. Rapid development of new technologies is leading to ever more versatile, multipurpose mobile devices, including 3G Internet-enabled cell phones and PDAs. Meanwhile, wireless networking and wireless Internet access are developing and expanding on a global basis at a rapid rate. Booming technologies include such 802.11 standards as Wi-Fi and WiMax, as well as Ultra Wide Band (UWB) and Bluetooth. Telematics, intelligent transportation systems (ITS) and satellite radio will soon create an entertainment, navigation and communications revolution within automobiles and trucks. Meanwhile, RFID (radio frequency identification) will revolutionize wireless tracking, inventory and logistics at all levels, from manufacturing to shipping to retailing. These developments are creating challenges for legacy companies and opportunities for nimble marketers and managers. Plunkett's Wireless, Wi-Fi, RFID & Cellular Industry Almanac 2008 covers such sectors. Our coverage includes business trends analysis and industry statistics. We also include a wireless and cellular business glossary and a listing of industry contacts, such as industry associations and government agencies. Next, we profile hundreds of leading companies. Our 350 company profiles include complete business descriptions and up to 27 executives by name and title. The book provides a complete and detailed description of the recent wireless technologies including Wi-Fi, Bluetooth, ZigBee and WiMAX. These technologies are considered to be

important topics in the telecommunication industry in the next decade. Some critical subjects are particularly developed such as security, quality of service, roaming and power conservation. The book also includes some chapters on practical aspects.

This book presents the fundamentals of wireless communications and services, explaining in detail what RF spectrum management is, why it is important, which are the authorities regulating the use of spectrum, and how is it managed and enforced at the international, regional and national levels. The book offers insights to the engineering, regulatory, economic, legal, management policy-making aspects involved. Real-world case studies are presented to depict the various approaches in different countries, and valuable lessons are drawn. The topics are addressed by engineers, advocates and economists employed by national and international spectrum regulators. The book is a tool that will allow the international regional and national regulators to better manage the RF spectrum, and will help operators and suppliers of wireless communications to better understand their regulators.

Offers background information on wireless and wired networks and step-by-step installation and configuration instructions.

WiMAX EvolutionEmerging Technologies and ApplicationsJohn Wiley & Sons The demand for broadband connectivity is growing rapidly, but cannot be met effectively by existing wireline technology. WiMAX has the potential to provide widespread Internet access that can usher in economic growth, better education and healthcare, and improved entertainment services. Examining the technology's global development and deployment a

Conclusions and Future Research.

Internet is based on TCP/IP. There are many terms like IP, DNS, VPN, etc., and the books explaining them are so detailed. This book introduces you to the World of TCP/IP. You will have a basic understanding of TCP/IP after reading this book. IP addres types, DHCP, DNS, NAT, Proxy, VPN and IPv6 subjects are explained. And it is funny somewhat:)

Sales of wireless LANs to home users and small businesses will soar this year, with products using IEEE 802.11 (Wi-Fi) technology leading the way, according to a report by Cahners research. Worldwide, consumers will buy 7.3 million wireless LAN nodes--which include client and network hub devices--up from about 4 million last year. This third book in the "HACKING" series from Syngress is written by the SoCalFreeNet Wireless Users Group and will cover 802.11a/b/g ("Wi-Fi) projects teaching these millions of Wi-Fi users how to "mod" and "hack" Wi-Fi access points, network cards, and antennas to run various Linux distributions and create robust Wi-Fi networks. Cahners predicts that wireless LANs next year will gain on Ethernet as the most popular home network technology. Consumers will hook up 10.9 million Ethernet nodes and 7.3 million wireless out of a total of 14.4 million home LAN nodes shipped. This book will show Wi-Fi enthusiasts and consumers of Wi-Fi LANs who want to modify their Wi-Fi hardware how to build and deploy "homebrew Wi-Fi networks, both large and small. Wireless LANs next year will gain on Ethernet as the most popular home network technology. Consumers will hook up 10.9 million Ethernet nodes and 7.3 million wireless clients out of a total of 14.4 million home LAN nodes shipped. This book will use a series of detailed, inter-related projects to teach

readers how to modify their Wi-Fi hardware to increase power and performance to match that of far more expensive enterprise networking products. Also features hacks to allow mobile laptop users to actively seek wireless connections everywhere they go! The authors are all members of the San Diego Wireless Users Group, which is famous for building some of the most innovative and powerful "home brew" Wi-Fi networks in the world.

This in-depth technical guide is an essential resource for anyone involved in the development of "smart mobile wireless technology, including devices, infrastructure, and applications. Written by researchers active in both academic and industry settings, it offers both a big-picture introduction to the topic and detailed insights into the technical details underlying all of the key trends. Smart Phone and Next-Generation Mobile Computing shows you how the field has evolved, its real and potential current capabilities, and the issues affecting its future direction. It lays a solid foundation for the decisions you face in your work, whether you're a manager, engineer, designer, or entrepreneur. Covers the convergence of phone and PDA functionality on the terminal side, and the integration of different network types on the infrastructure side Compares existing and anticipated wireless technologies, focusing on 3G cellular networks and wireless LANs Evaluates terminal-side operating systems/programming environments, including Microsoft Windows Mobile, Palm OS, Symbian, J2ME, and Linux Considers the limitations of existing terminal designs and several pressing application design issues Explores challenges and possible solutions relating to the next phase of smart phone development, as it relates to services, devices, and networks Surveys a collection of promising applications, in areas ranging from gaming to law enforcement to financial processing

This two-volume-set (CCIS 188 and CCIS 189) constitutes the refereed proceedings of the International Conference on Digital Information Processing and Communications, ICDIPC 2011, held in Ostrava, Czech Republic, in July 2011. The 91 revised full papers of both volumes presented together with 4 invited talks were carefully reviewed and selected from 235 submissions. The papers are organized in topical sections on network security; Web applications; data mining; neural networks; distributed and parallel processing; biometrics technologies; e-learning; information ethics; image processing; information and data management; software engineering; data compression; networks; computer security; hardware and systems; multimedia; ad hoc network; artificial intelligence; signal processing; cloud computing; forensics; security; software and systems; mobile networking; and some miscellaneous topics in digital information and communications.

Africa's ICT Infrastructure reviews how the investment in the sector has been financed and how the structure of the market has changed since the liberalization process started. It looks at the role of both private and public institutions as sources of financing for the sector and charts the emergence of investors from developing countries in leading the expansion of the sector across the region. --

PLUNKETT'S WIRELESS, WI-FI, RFID & CELLULAR INDUSTRY ALMANAC 2012 Key Features: • Industry trends analysis, market data and competitive intelligence • Market forecasts and Industry Statistics • Industry Associations and Professional Societies List • In-Depth Profiles of hundreds of leading companies • Industry Glossary • Buyer may register for access to search and export data at Plunkett Research Online Pages: 495 Print ISBN:

978-1-60879-644-1 Ebook ISBN: 978-1-60879-906-0 Statistical Tables Provided: 11 Companies Profiled: 334 Geographic Focus: Global Published Date: August 2011 Next Edition: August 2012 A complete market research report, including forecasts and market estimates technologies analysis and developments at innovative firms. You will gain vital insights that can help you shape your own strategy for business development, product development and investments. • How is the industry evolving? • How is the industry being shaped by new technologies? • How is demand growing in emerging markets and mature economies? • What is the size of the market now and in the future? • What are the financial results of the leading companies? • What are the names and titles of top executives • Using the online access tools, you will be able to select and export key data, after you register "Plunkett Research has built a solid reputation providing industry analysis and research in a diverse spectrum of areas—energy and utilities, finance and investment, health care and biotechnology, and engineering and research to name a few." American Reference Books Annual The cell phone is the fastest-selling consumer electronic in the world. On a global basis, over 1 billion cellular telephones are sold each year. More camera-equipped cell phones are sold each year than stand-alone digital cameras. More MP3 player-equipped cell phones are sold than stand-alone MP3 players. Rapid development of new technologies is leading to ever more versatile, multipurpose mobile devices, including Internet-enabled cell phones and PDAs.Meanwhile, wireless networking and wireless Internet access are developing and expanding on a global basis at a rapid rate. Booming technologies include such 802.11 standards as Wi-Fi and WiMax, as well as Ultra Wide Band (UWB) and Bluetooth. WiMax, with its low cost and range of up to 30 miles, may revolutionize the wireless industry. Major WiMax investments were recently announced by Motorola, Intel, Sprint Nextel and others.Telematics, intelligent transportation systems (ITS) and satellite radio will soon create an entertainment, navigation and communications revolution within automobiles and trucks. Meanwhile, RFID (radio frequency identification) will revolutionize wireless tracking, inventory and logistics at all levels, from manufacturing to shipping to retailing.These developments are creating challenges for legacy companies and opportunities for nimble marketers and managers. For example, myriad new mobile commerce (mCommerce), mobile subscriptions and advertising opportunities abound for companies ready to embrace mobile subscribers.Consumers in nations such as Japan and South Korea have already shown that they are more than willing to access quality mobile content and next generation services on a subscription basis, including news, wireless TV, animation and filmed entertainment scripted and adapted for the small, mobile screen.Meanwhile, in major Asian markets, cell phones are rapidly evolving into mobile payment systems, where consumers are able to use cell phones to wirelessly, instantly make purchases at vending machines, train ticket stalls and elsewhere.Our new Plunkett's Wireless, Wi-Fi, RFID & Cellular Industry Almanac and our online Wireless, Wi-Fi, RFID & Cellular Industry Research Center cover these sectors in detail.Our coverage includes business trends analysis and industry statistics. We also include a wireless and cellular business glossary and a listing of industry contacts, such as industry associations and government agencies. Next, we profile hundreds of leading companies. Our company profiles include complete business descriptions and up to 27 executives by name and title. Online tools enable you to search, filter and view selected companies and organizations, and then to export selected company contact data, including executive names.The exciting new book and Online Research Center cover competitive intelligence, market research and business analysis--everything you need to know about the wireless and cellular business, including: 1. Analysis of wireless and cellular telecommunications business trends, technologies and markets, including 3G data services 2. Wireless and cellular telephone industry statistics and tables 3. A discussion of mobile content, including subscription based news, music, mobile TV and filmed entertainment 4. An analysis of consumer trends in advanced mobile markets such as South Korea and Japan 5. An

analysis of wireless networks and wireless Internet Access, including the use of Wi-Fi, MIMO and WiMax (802.11 specifications), Bluetooth and Ultra Wide Band (UWB) in the home and in the office.6. Profiles of major cellular telephone service and wireless telecommunications companies 7. Profiles of wireless network equipment companies 8. Profiles of leading manufacturers, including makers of cell phones such as Nokia 9. Competitive intelligence regarding wireless entertainment, navigation and communication devices in cars and trucks, including ITS (intelligent transportation systems) and telematics (such as OnStar) 10. Competitive analysis of trends in RFID (radio frequency ID tags) in logistics, inventory and distribution 11. Mobile electronic games 12. And much, much more about the wireless, cellular, Wi-Fi and RFID business You will find a complete overview, industry analysis and market research tool in one superb, value-priced package. We provide you with our famous industry trends analysis, statistical tables, and a glossary, along with a database of industry contacts including associations and professional societies. And you receive our proprietary, in-depth profiles of hundreds of leading companies in all facets of this industry—public and private companies, U.S. and non-U.S. based.Electronic Access to Company Profiles: Our online data enables you to search, filter and view selected companies, and then export contact data into text or Excel, including executive names with titles, plus the company addresses and phone numbers.Contents, Statistics, Forecasts and Analysis Include: Major Trends Affecting the Wireless, Wi-Fi, RFID & Cellular Industry 1) 3G Cellular Systems, Including EV-DO, Are Enhanced/HSPA+ Offers High Speed Competition to 4G 2) LTE Offers 4G High-Speed Platforms, Competes with WiMAX 3) WiMAX Extends Wireless Range Far Beyond Wi-Fi 4) Wi-Fi Is Pervasive and Indispensible 5) MIMO (802.11n) Enhances WiMAX for High-Speed Wireless at 150 Mbps 6) Bluetooth Provides Wireless Connectivity to Millions of Cellphones and Other Devices 7) Handset Makers Adopt Android, Push Advanced 3G and 4G Smartphones 8) RFID Drives Inventory Management Evolution 9) Supply Chain Management (SCM) Software Combines with Wireless 10) Self-Check-In Kiosks, RFID and Other New Technologies Save Labor Costs for Airlines and Hotels 11) Wireless Information Systems Surge Ahead in Vehicles: Telematics, ITS and Real-Time Traffic Information 12) Cellular Phone Subscriptions Worldwide Top 5.3 Billion 13) Cellphones Revolutionize Life in Emerging Nations/mChek and M-PESA Enable Remote Banking 14) Chinese, Indian and African Cellphone Markets Skyrocket 15) Wireless Devices Become a Fast-Growing Market for Electronic Games/Angry Birds Major Success 16) Mobile Music Plays a Major Role in New Cellphones 17) Apple's iPhone and iPod Touch Raise User Expectations and Deliver Mobile Entertainment 18) Video Via Cellphone and Mobile TV Gain Subscribers 19) GPS and Location Based Services (LBS) Enhance Cellphone Subscriptions 20) Location Based Advertising and Mobile Advertising on Cellphones Grow Quickly 21) Apple Rules in Apps/Android Plays Catch-up 22) Managing Bank Accounts via Cellphone, and Wireless (or Contactless) Payments 23) In-Flight Wireless Takes Off 24) Wireless Sensor Networks (WSNs) Ready to Spread/Nanotechnology Applications 25) Nanotechnology & MEMS Applications in Optics and Displays Lead to a Breakthrough in Wireless Device Screens 26) Carriers Eliminate Unlimited Access Plans for Smartphones and Landlines; Up Profit Potential Wireless, Wi-Fi, RFID & Cellular Industry Statistics 1) Wireless, Wi-Fi, RFID & Cellular Industry Overview 2) Internet Access Technologies Compared 3) Wireless Quick Facts 4) Wireless Standards & Speeds 5) Number of Business & Residential High Speed Internet Lines, U.S.: 2003-2010 6) Top Mobile Operators by Number of Subscribers, Worldwide 7) Cellular & Other Wireless Telecommunications, Selected Expenses, U.S. Firms: 2006-2009 8) Cellular & Other Wireless Telecommunications, Estimated Sources of Revenue, U.S.: 2006-2009 9) Satellite Telecommunications, Selected Expenses, U.S. Firms: 2006-2009 10) Satellite Telecommunications, Estimated Sources of Revenue: 2006-2009 11) Wireless Telecommunications Industry (Except Satellite) Employment, U.S.: 2001-2010 Companies

Profiled: • AAPT LIMITED • AASTRA INTECOM • ACCESS CO LTD • ACCTON TECHNOLOGY CORP • ADVANCED INFO SERVICE PLC • AIRSPAN NETWORKS INC • ALASKA COMMUNICATIONS SYSTEMS GROUP INC • ALCATEL-LUCENT • ALIEN TECHNOLOGY CORPORATION • ALPS ELECTRIC CO LTD • ALVARION LTD • AMDOCS LTD • AMERICA MOVIL SAB DE CV • AMERICAN TOWER CORP • ANAREN INC • ANRITSU CO • AQUIS COMMUNICATIONS GROUP INC • ARC WIRELESS SOLUTIONS INC • ARISTON GLOBAL LLC • ARUBA NETWORKS INC • ASHTECH • ASIA SATELLITE TELECOMMUNICATIONS HOLDING LTD • ASURION CORP • AT&T INC • ATHEROS COMMUNICATIONS INC • ATX GROUP INC • AUDIOVOX CORPORATION • AVIAT NETWORKS INC • AXIATA GROUP BERHAD • BARAN TELECOM INC • BCE INC (BELL9781608796458\\PLUNKETT'S CHEMICALS, COATINGS & PLASTICS
"This book studies the nature, relevance, and quality of standards with ICTs and the impact they have on businesses"--Provided by publisher.
Copyright: 7cd7223ca0377a4f9f0215993a46cbc5