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	Defense Mandates 5.3 Strategic Dimensions of the Wal-Mart and DoD Mandates 5.4 RFID Technology for Business Applications 5.5 RFID and Supply Chain Management 5.6 The Business Case for RFID 5.7 Government Use of RFID Technology 5.8 RFID and the Pharmaceutical Supply Chain 5.9 RFID Implanted in Humans 6 RFID TECHNOLOGY IN HOMELAND SECURITY, LAW ENFORCEMENT, AND CORRECTIONS 6.1 Introduction 6.2 RFID Technology in Homeland Security 6.3 RFID in Law Enforcement 6.4 RFID Use in Law Enforcement - Looking to the Future 6.5 RFID Technology in Corrections 7 RFID REGULATIONS AND STANDARDS 7.1 Governmental RFID Regulation 7.2 World Regulatory Bodies 7.3 Industrial-Scientifi c-Medical (ISM) Bands 7.4 Spectrum Allocations for RFID 7.5 Industrial RFID Standards 7.6 International Standards Organization (ISO) 7.7 EPCglobal. 7.8 The Wal-Mart and DoD Mandates and EPC 8 ISSUES SURROUNDING THE DEPLOYMENT OF RFID TECHNOLOGY 8.1 Introduction 8.2 Privacy Issues in Applying RFID Technology 8.3 The Costs of Developing and Deploying RFID Technology 8.4 The Growth of Global Standards and Regulations 8.5 Technological Immaturity and Integration with Legacy Systems 8.6 Lack of Robustness 8.7 Lack of Knowledge and Experience, End-User Confusion, and Skepticism 8.8 Ethical Issues 8.9 Data Management 9 THE FUTURE PREDICTIONS FOR RFID APPENDIX A WAL-MART RFID INITIATIVE APPENDIX B DEPARTMENT OF DEFENSE RFID POLICY OVERVIEW LIST OF ACRONYMS GLOSSARY RFID VENDOR LIST POINTS OF CONTACT INDEX.
Sommario/riassunto	A Primer on Radio Frequency Identification (RFID) This broad overview and guide to RFID technology and its application provides the initial "homework" for the reader interested in better understanding RFID technology and tools. It is written to provide an introduction for business leaders, supply chain improvement advocates, and technologists to help them adopt RFID tools for their unique applications, and provide the basic information for better understanding of RFID. RFID - A Guide to Radio Frequency Identification describes and addresses the following: . How RFID works, how it is used, and who is using it . The history of RFID technology, the current state of the art, and where RFID is expected to be taken in the future . The role of middleware software to route data between the RFID network and the information technology (IT) systems within an organization . The use of RFID technology in both commercial and government applications . The role and value of RFID industry standards and the current regulatory compliance environment . The issues faced by the public and industry regarding the wide-scale deployment of RFID technology With the global sales of active RFID systems forecast to grow from \$500 million in 2006 to \$6.78 billion in 2016, there's more need than ever for a comprehensive guide to RFID that gives practical answers to complex questions about how RFID works, how it's currently being used, and how it may be applied in the future. RFID - A Guide to Radio Frequency Identification is a one-stop resource for current information on commercial and government applications of RFID technology, with insightful focus on such specific uses as supply chain management, retail and consumer packaging, transportation and distribution of products, pharmaceutical applications, and security and access control.