

Jerry Banks



David Hanny



Manuel A. Pachano

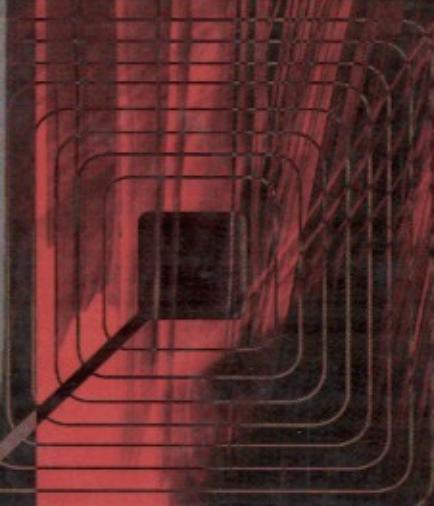


Les G. Thompson



RFID

APPLIED



Contents

Foreword	ix
Preface	xi
Acknowledgements	xiii
Trademarks	xvii
Part A RFID Applied	1
Chapter 1 The Stage Is Set	3
Chapter 2 Past, Present, and Future of RFID	25
Chapter 3 Basics of RFID	61
Chapter 4 Beyond the Basics	95
Chapter 5 Recent Advances in the Technology	125
Chapter 6 The Business Case for RFID	159
Chapter 7 Industry Standards	195
Chapter 8 System Components	219
Chapter 9 Integration	227
Chapter 10 The Issues of Privacy and Security	269
Epilogue	291
Part B Applications in 10 Areas	297
RFID in the Automotive Industry	299
RFID in Cattle Ranching	305
RFID in Health Care	311
RFID in Manufacturing	321

viii Contents

RFID in Marine Terminal Operation	325
RFID in the Military	333
RFID in Payment Transactions	341
RFID in Retailing	347
RFID in Transportation	357
RFID in Warehousing and Distribution Systems	363
Part C RFID Activities in 10 Countries	371
RFID in Australia	373
RFID in China	381
RFID in France	389
RFID in Germany	397
RFID in Japan	405
RFID in Singapore	415
RFID in South Korea	423
RFID in Spain	431
RFID in the United Kingdom	439
RFID in the United States	445
Appendix A 10 Unique Applications	457
Appendix B 10 Useful Web Sites	477
Index	485