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Altri autori (Persone)	BhargavaHersh CampbellAnita DasAnand M HainesBrad KleinschmidtJohn
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Nota di contenuto	Cover; Contents; Part I: Overview; Chapter 1: What Is RFID?; Introduction; What This Book Is and Is Not; RFID Radio Basics; Why Use RFID?; RFID Architecture; Data Communications; Physical Form Factor (Tag Container); Summary; Links to Sites; Chapter 2: RFID Uses; Introduction; Applied Use; Standards in the Marketplace; Failures in the Marketplace; RFID for the Consumer: Case Studies; Summary; References; Part II: Attacking RFID; Chapter 3: Threat and Target Identification; Introduction; Attack Objectives; Blended Attacks; Chapter 4: RFID Attacks: Tag Encoding Attacks; Introduction Case Study: Johns Hopkins vs. SpeedPassThe SpeedPass; Summary; Chapter 5: RFID Attacks: Tag Application Attacks; MIM; Chip Clones-Fraud and Theft; Tracking: Passports/Clothing; Chip Cloning > Fraud; Disruption; Summary; Chapter 6: RFID Attacks: Securing Communications Using RFID Middleware; RFID Middleware Introduction;

Understanding Security Fundamentals and Principles of Protection; Addressing Common Risks and Threats; Securing RFID Data Using Middleware; Using DES in RFID Middleware for Robust Encryption Using Stateful Inspection in the Application Layer Gateway For Monitoring RFID Data StreamsProviding Bulletproof Security Using Discovery, Resolution, and Trust Services in AdaptLinkTM; Summary; Chapter 7: RFID Security: Attacking the Backend; Introduction; Overview of Backend Systems; Virus Attacks; RFID Data Collection Tool- Backend Communication Attacks; Attacks on ONS; Summary; Part III: Defending RFID; Chapter 8: ; Management of RFID Security; Introduction; Risk and Vulnerability Assessment; Risk Management; Threat Management; Summary
Chapter 9: Case Study: Using Commerce Events' AdaptLinkTM to Secure the DoD Supply Network- Leveraging the DoD RFID MandateBackground on the Use of RFID in the DoD Supply Chain; Improved Asset Tracking for the DoD Is Critical; A Proposed Solution in Silent Commerce; References; Summary; Appendix A: Additional RFID Reference Material; Frequently Asked Questions; RFID Solutions Fast Track; Index; Techno Security Registration

Sommario/riassunto

RFID is a method of remotely storing and receiving data using devices called RFID tags. RFID tags can be small adhesive stickers containing antennas that receive and respond to transmissions from RFID transmitters. RFID tags are used to identify and track everything from food, dogs, beer kegs to library books. RFID tags use a standard that has already been hacked by several researchers. RFID Security discusses the motives for someone wanting to hack an RFID system and shows how to protect systems. Coverage includes: security breaches for monetary gain (hacking a shops RFID syst