1. Record Nr. UNINA9910455015403321 Homeland security technology challenges: from sensing and encrypting **Titolo** to mining and modeling // Giorgio Franceschetti, Marina Grossi, editors Boston:,: Artech House,, ©2008 Pubbl/distr/stampa [Piscatagay, New Jersey]:,: IEEE Xplore,, [2008] **ISBN** 1-59693-290-2 Descrizione fisica 1 online resource (314 p.) Artech House intelligence and information operations series Collana Altri autori (Persone) FranceschettiGiorgio GrossiMarina Disciplina 363.350973 22 Soggetti National security - United States - 21st century Terrorism - Prevention Telecommunication - Security measures Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographic reference (p. 275-278) and index. Nota di contenuto Homeland Security Technology ChallengesFrom Sensing and Encrypting to Mining and Modeling; Contents; Preface; 1 The Homeland Security Scenario: 2 Embedded Wireless Sensor Networks: 3 Visual Detection and Classification of Humans, Their Pose, and Their Motion; 4 Cyber Security Basic Defenses and Attack Trends; 5 Mining Databases and Data Streams: 6 Private Information Retrieval: Single-Database Techniques and Applications; 7 Tapping Vehicle Sensors for Homeland Security; 8 Modeling and Analysis of Wireless Networked Systems; 9 Large Systems Modeling and Simulation; About the Authors; Index This practical book offers you expert guidance on sensors and the Sommario/riassunto preprocessing of sensed data, the handling of sensed data with secure and safe procedures, and the design, modeling and simulation of complex HS systems. You learn how to store, encrypt and mine sensitive data. Further, the book shows how data is transmitted and received along wired or wireless networks, operating on

electromagnetic channels.