

1. Record Nr.	UNINA9910827735903321
Titolo	Homeland security technology challenges : from sensing and encrypting to mining and modeling / / Giorgio Franceschetti, Marina Grossi, editors
Pubbl/distr/stampa	Boston, : Artech House, c2008
ISBN	1-59693-290-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (314 p.)
Collana	Artech House intelligence and information operations series
Altri autori (Persone)	FranceschettiGiorgio GrossiMarina
Disciplina	363.350973 22
Soggetti	National security - United States - 21st century Terrorism - Prevention Telecommunication - Security measures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
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
Sommario/riassunto	This practical book offers you expert guidance on sensors and the 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.