

1. Record Nr.	UNINA9910778936803321
Titolo	Handbook on securing cyber-physical critical infrastructure [[electronic resource]] / Sajal Das, Krishna Kant, Nan Zhang (editors)
Pubbl/distr/stampa	Waltham, Mass., : Elsevier/Morgan Kaufmann, 2012
ISBN	1-78402-345-0 1-283-43424-5 9786613434241 0-12-415910-9
Edizione	[1st edition]
Descrizione fisica	1 online resource (849 p.)
Altri autori (Persone)	DasSajal K KantKrishna ZhangNan <1982->
Disciplina	005.8
Soggetti	Computer networks - Security measures Computer security
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Theoretical foundations -- pt. 2. Security for wireless mobile networks -- pt. 3. Security for sensor networks -- pt. 4. Platform security -- pt. 5. Cloud computing and data security -- pt. 6. Event monitoring and situation awareness -- pt. 7. Policy issues in security management -- pt. 8. Security in real-world systems.
Sommario/riassunto	The worldwide reach of the Internet allows malicious cyber criminals to coordinate and launch attacks on both cyber and cyber-physical infrastructure from anywhere in the world. This purpose of this handbook is to introduce the theoretical foundations and practical solution techniques for securing critical cyber and physical infrastructures as well as their underlying computing and communication architectures and systems. Examples of such infrastructures include utility networks (e.g., electrical power grids), ground transportation systems (automotives, roads, bridges and tunnels), airports