

|                         |   |
|-------------------------|---|
| 1. Record Nr.           | UNISA996465320403316  |
| Titolo                  | Critical Information Infrastructures Security [[electronic resource]] : 8th International Workshop, CRITIS 2013, Amsterdam, The Netherlands, September 16-18, 2013, Revised Selected Papers / / edited by Eric Luijif, Pieter Hartel  |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2013   |
| ISBN                    | 3-319-03964-4   |
| Edizione                | [1st ed. 2013.]   |
| Descrizione fisica      | 1 online resource (XIV, 219 p. 70 illus.)   |
| Collana                 | Security and Cryptology ; ; 8328  |
| Disciplina              | 005.8   |
| Soggetti                | Computer security<br>Computers and civilization<br>Computer communication systems<br>Systems and Data Security<br>Computers and Society<br>Computer Communication Networks  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Bibliographic Level Mode of Issuance: Monograph   |
| Nota di contenuto       | Security Challenges for Cooperative and Interconnected Mobility Systems -- Study of In-Data Centre Backup Offices for Banks -- Protecting a Federated Database Infrastructure against Denial-of-Service Attacks -- Minimizing the Impact of In-band Jamming Attacks in WDM Optical Networks -- The Role of Critical Infrastructures' Interdependencies on the Impacts Caused by Natural -- Analysis of Severe Space Weather on Critical Infrastructures -- A Plug and Play, Approximation-Based, Selective Load Shedding Mechanism for the Future Electrical Grid -- A Framework for Risk Analysis in Smart Grid: Perspective Based Approach -- Physical Attestation of Cyber Processes in the Smart Grid -- QSec: Supporting Security Decisions on an IT Infrastructure -- Structural Controllability of Networks for Non-interactive Adversarial Vertex Removal -- Real Time Threat Prediction, Identification and Mitigation for Critical Infrastructure Protection Using Semantics, Event Processing and Sequential Analysis -- Determining |

Risks from Advanced Multi-step Attacks to Critical Information Infrastructures -- On the Feasibility of Device Fingerprinting in Industrial Control Systems -- Bridging Dolev-Yao Adversaries and Control Systems with Time-Sensitive Channels -- An Indoor Contaminant Sensor Placement Toolbox for Critical Infrastructure Buildings -- Optimization Models in a Smart Tool for the Railway Infrastructure Protection -- Towards Automatic Critical Infrastructure Protection through Machine Learning -- Using NATO Labelling to Support Controlled Information Sharing between Partners -- A Framework for Privacy Protection and Usage Control of Personal Data in a Smart City Scenario.

---

#### Sommario/riassunto

---

This book constitutes the thoroughly refereed post-proceedings of the 8th International Workshop on Critical Information Infrastructures Security, CRITIS 2013, held in Amsterdam, The Netherlands, in September 2013. The 16 revised full papers and 4 short papers were thoroughly reviewed and selected from 57 submissions. The papers are structured in the following topical sections: new challenges, natural disasters, smart grids, threats and risk, and SCADA/ICS and sensors.

---