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                       City planning
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   Nota di contenuto   Preface -- Chapter 1: The Coming Age of the Smart City -- Chapter 2: The Challenges of Envisioning and Planning a True Smart City -- Chapter 3: The Critical Infrastructure: and Software Needed to Build Smart City -- Chapter 4: Cyber Defense in the Age of the Smart City- Chapter 5: Using Intelligent Data Analytics for Urban Planning and Design - Chapter 6:Protecting Privacy from Internet Abuses in the Smart City - Chapter 7:A 21st Century Smart City.and Mobility - Chapter 8: Smart and Safe Control Systems for the Smart City - Chapter 9: The Smart City Floating Safely on the Cloud -- Chapter 10:

Challenges and Opportunities in the Evolution of the Internet of Everything - Chapter 11: Coping with the Dark Web, Cyber-Criminals and Techno-Terrorists in a Smart City -- Chapter 12: How Nations and Smart Cities Can Cope with Cyber-Terrorism and Warfare. - Chapter 13: Flexibility, Vision and Foresight in the Planning for Tomorrow's Smart City. - Chapter 14: The Smart City -- Build It and They will Come. - Glossary. - Index.

| Sommario/riassunto | Hackers, cyber-criminals, Dark Web users, and techno-terrorists beware! This book should make you think twice about attempting to do your dirty work in the smart cities of tomorrow. Scores of cities around the world have begun planning what are known as "smart cities." These new or revamped urban areas use the latest technology to make the lives of residents easier and more enjoyable.They will have automated infrastructures such as the Internet of Things, "the Cloud," automated industrial controls, electronic money, mobile and communication satellite systems, wireless texting and networking. With all of these benefits come new forms of danger, and so these cities will need many safeguards to prevent cyber criminals from wreaking havoc. This book explains the advantages of smart cities and how to design and operate one. Based on the practical experience of the authors in projects in the U.S. and overseas in Dubai, Malaysia, Brazil and India, it tells how such a city is planned and analyzes vital security concerns that must be addressed along the way. Most of us will eventually live in smart cities. What are the advantages and the latest design strategies for such ventures? What are the potential drawbacks? How will they change the lives of everyday citizens? This book offers a preview of our future and how you can help prepare yourself for the changes to come. |