

1. Record Nr.	UNINA9910464757803321
Autore	Vermesan Ovidiu
Titolo	Internet of things : converging technologies for smart environments and integrated ecosystems // Dr. Ovidiu Vermesan ; Dr. Peter Friess
Pubbl/distr/stampa	Aalborg, Denmark : , : River Publishers, , 2013 ©2013
ISBN	87-92982-96-4
Descrizione fisica	1 online resource (364 p.)
Collana	River Publishers Series in Communications
Disciplina	004
Soggetti	Embedded Internet devices Electronic books.
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 at the end of each chapters and index.
Nota di contenuto	<p>""Cover""; ""Dedication""; ""Acknowledgement""; ""Editors Biography""; ""Contents""; ""Foreword: The Bright Future of the Internet of Things""; ""1 Driving European Internet of Things Research""; ""1.1 The Internet of Things Today""; ""1.2 Time for Convergence""; ""1.3 Towards the IoT Universe(s)""; ""1.4 Conclusions""; ""2 Internet of Things Strategic Research and Innovation Agenda""; ""2.1 Internet of Things Vision""; ""2.2 IoT Strategic Research and Innovation Directions""; ""2.3 IoT Applications""; ""2.4 Internet of Things and Related Future Internet Technologies""; ""2.5 Infrastructure""; ""2.6 Networks and Communication""; ""2.7 Processes""; ""2.8 Data Management""; ""2.9 Security, Privacy & Trust""; ""2.10 Device Level Energy Issues""; ""2.11 IoT Related Standardization""; ""2.12 Recommendations on Research Topics""; ""References""; ""3 IoT Applications a€? Value Creation for Industry""; ""3.1 Introduction""; ""3.2 IoT Applications for Industrya€? Value Creation and Challenges""; ""3.3 Future Factory Concepts""; ""3.4 Brownfield IoT: Technologies for Retrofitting""; ""3.5 Smart Objects, Smart Applications""; ""3.6 Four Aspects in your Business to Master IoT""; ""3.7 Auto_IDa€? Value Creation from Big Data and Serialization in the Pharmaceutical Industry""; ""3.8 What the Shopping Basket Can Tell: IoT for Retailing Industry?""; ""3.9 IoT For Oil and Gas Industry""; ""3.10</p>

Opinions on IoT Application and Value for Industry"; "3.11
Conclusions"; "References"; "4 Internet of Things Privacy, Security
and Governance"; "4.1 Introduction"; "4.2 Overview of Activity Chain
05 a€?Governance, Privacy and Security Issues"; "4.3 Contribution
From FP7 Projects"; "4.4 Conclusions"; "References"
"5 Security and Privacy Challenge in Data Aggregation for the IoT in
Smart Cities 225""5.1 Security, Privacy and Trust in lot-Data-
Platforms for Smart Cities"; "5.2 First Steps Towards a Secure
Platform"; "5.3 Smartie Approach"; "5.4 Conclusion"; "References";
"6 A Common Architectural Approach for IoT Empowerment"; "6.1
Introduction"; "6.2 Defining a Common Architectural Ground"; "6.3
The iCore Functional Architecture"; "References"; "7 Internet of
Things Standardisation a€? Status, Requirements, Initiatives and
Organisations"; "7.1 Introduction"
"7.2 M2M Service Layer Standardisation""7.3 OGC Sensor Web for
IoT"; "7.4 IEEE and IETF"; "7.5 ITU-T"; "7.6 Conclusions";
"References"; "8 Simpler IoT Word(s) of Tomorrow, More
Interoperability Challenges to Cope Today"; "8.1 Introduction"; "8.2
Physical vs Virtual"; "8.3 Solve the Basic Firsta€?The Physical Word";
"8.4 The Data Interoperability"; "8.5 The Semantic Interoperability";
"8.6 The Organizational Interoperability"; "8.7 The Eternal
Interoperability [28]"; "8.8 The Importance of Standardisation a€?The
Beginning of Everything"
"8.9 The Need of Methods and Tools and Corresponding Research"
