1. Record Nr. UNINA9910827584403321 Autore Behmann Fawzi Titolo Collaborative internet of things (C-IOT): for future smart connected life and business / / Fawzi Behmann, Kwok Wu Pubbl/distr/stampa Chichester, West Sussex, United Kingdom: ,: IEEE, Wiley, , 2015 [Piscatagay, New Jersey]:,: IEEE Xplore,, [2015] **ISBN** 1-118-91371-X 1-118-91373-6 Edizione [1st edition] Descrizione fisica 1 online resource (307 p.) Classificazione TEC061000 Altri autori (Persone) WuKwok Disciplina 004.67/8 Soggetti Embedded Internet devices Internet of things 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 Machine generated contents note: Contents Forward Preface 1 --INTRODUCTIONS AND MOTIVATION 1.1 Introduction 1.2 The book 1.2.1 Objectives 1.2.2 Benefits 1.2.3 Organization 1.2.4 Book Cover 1.2.5 Impact of C-IoT 1.2.6 Summary 1.3 C-IoT Terms of References 1.3.1 Introduction 1.3.2 Need for IoT Framework 1.3.3 C-IoT Domains and Business Apps Model 1.3.4 C-IoT Roadmap 1.3.5 C-IoT Platform and Developer Community 1.3.6 C-IoT Opportunities for Business apps, solutions and systems 1.4 The Future 1.4.1 General Trends 1.4.2 Point Solutions 1.4.3 Collaborative IoT 1.4.4 C-IoT and RFID 1.4.5 C-IoT and Nanotechnology 1.4.6 Cyber-Collaborative IoT (C2-IoT) 1.4.7 C2-IoT and EBOLA Case 1.4.8 Summary 2 -- APPLICATION REQUIREMENTS 2.1 C-IOT Landscape 2.1.1 C-IoT Model and Architecture Layers 2.1.2 C-IoT Model and Enabling Technologies 2.1.3 Definition of key elements 2.1.4 Requirement Considerations 2.1.5 C-IoT System Solution - Requirement Considerations 2.2 Applications Requirement - Use Cases 2.3 Health & Fitness (Lead Example) 2.3.1 Landscape 2.3.2 Health & Fitness - Sensing Requirements 2.3.3 Health & Fitness - Gateway Requirements 2.3.4 Health & Fitness - Service Requirements 2.3.5 Health & Fitness - Solution Considerations 2.3.6

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## Sommario/riassunto

"Provides a simplified visionary approach about the future direction of IoT, addressing its wide-scale adoption in many markets, its interception with advanced technology, the explosive growth in data, and the emergence of data analytics"--