1. Record Nr. UNINA9910643745303321 Autore Fattahi Ahmad **Titolo** IoT product design and development: best practices for industrial, consumer, and business applications / / Ahmad Fattahi Pubbl/distr/stampa Hoboken, NJ: .: John Wiley & Sons, Inc., . [2022] ©2022 **ISBN** 1-119-78768-8 1-119-78766-1 1-119-78767-X Descrizione fisica 1 online resource (200 pages) Collana IoT Skills in Practice Ser. Disciplina 004.67/8 Soggetti Internet of things Product design New products Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Cover -- Title Page -- Copyright Page -- Contents --Nota di contenuto Acknowledgments -- Preface -- Chapter 1 Introduction to IoT -- WHAT IS IoT? -- WHY IS IoT IMPORTANT? -- WHY NOW? -- Chapter 2 IoT and Digital Transformation -- THE ROLE OF IoT IN MODERN BUSINESSES --Opportunities -- Risks -- IT'S AN INTEGRATION PROCESS: THE HUMAN ASPECTS OF DIGITAL TRANSFORMATION -- IT-OT Integration --Building Trust Is Key -- Chapter 3 Business Models and Market Analysis -- BUSINESS AND INDUSTRIAL MARKET -- The Shift to Software-Based PLCS -- Example: Improve Cost and Reliability of a Power Distribution System with IoT -- Example: Enhance Safety, Security, and Carbon Footprint in an Airport Using IoT -- CONSUMER MARKET -- Sources of Cost -- Sources of Revenue -- Matter, Formerly Known as Project Connected Home Over IP (CHIP) -- Example: Improve Quality of Life and Energy Efficiency by Smart Thermostats -- CONNECTIVITY CHOICE

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