Record Nr. UNINA9910808428803321 Autore Webb William <1967-> **Titolo** Understanding Weightless / / William Webb Cambridge,: Cambridge University Press, 2012 Pubbl/distr/stampa **ISBN** 1-107-23675-4 1-139-36648-3 1-280-64776-0 9786613633811 1-139-37907-0 1-139-37621-7 1-139-37764-7 1-139-37222-X 1-139-38050-8 1-139-20885-3 Edizione [1st ed.] Descrizione fisica 1 online resource (xiv, 205 pages) : digital, PDF file(s) Classificazione TEC061000 Disciplina 004.6 Soggetti Machine-to-machine communications - Standards **Telecommunication** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Title from publisher's bibliographic system (viewed on 05 Oct 2015). Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Machine generated contents note: 1. The world of machine communications; 2. The need for a new standard; 3. Working in white space spectrum; 4. Weightless in overview; 5. The network; 6. The MAC layer; 7. The physical layer; 8. Further functionality; 9. Network design and capacity; 10. Application support. Sommario/riassunto Essential for getting to grips with the Weightless standard for M2M communications, this definitive guide describes and explains the new standard in an accessible manner. It helps you to understand the Weightless standard by revealing its background and rationale. Designed to make clear the context and the fundamental design decisions for Weightless and to provide a readable overview of the standard, it details principal features and issues of the technology, the business case for deployment, network performance and some

important applications. This informative book guides you through the key decisions and requirements involved in designing and deploying a Weightless network. Includes a chapter on applications, explaining the relevance of the standard and its potential. Written by one of the lead designers of Weightless, this is an ideal guide for everyone involved with the standard, from those designing equipment to those making use of the technology.