1. Record Nr.   UNINA9910484322603321

   Titolo   Evolution of Telecommunication Services : The Convergence of Telecom
                        and Internet: Technologies and Ecosystems / / edited by Emmanuel
                        Bertin, Noel Crespi, Thomas Magedanz

   Pubbl/distr/stampa   Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer,
                        , 2013

   ISBN   3-642-41569-5

   Edizione   [1st ed. 2013.]

   Descrizione fisica   1 online resource (XII, 327 p. 105 illus.)

   Collana   Information Systems and Applications, incl. Internet/Web, and HCI ; ;
                        7768

   Disciplina   004.6

   Soggetti   Computer communication systems
                        Application software
                        Software engineering
                        Algorithms
                        Artificial intelligence
                        Information storage and retrieval
                        Computer Communication Networks
                        Information Systems Applications (incl. Internet)
                        Software Engineering
                        Algorithm Analysis and Problem Complexity
                        Artificial Intelligence
                        Information Storage and Retrieval

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

   Nota di contenuto   Part I: History and Perspectives on the Telecom -- Standardized Assets
                        -- Network and Control Platforms -- Telecom Applications, APIs and
                        Service Platforms -- Value Added Services in the Evolving Multimedia
                        Communication Network -- NGN Standardization as a Strength -- Part
                        II: A New Competitive Landscape between Operators, Device Makers
                        and OTT Service -- Providers; Why Are the Operators Challenged and
                        How they Can Compete -- A Short History of VoIP Services -- NGN
                        Shortcomings -- An IT Perspective on Standards, Service Architectures
                        and Platforms -- A Review: What Matters for Ecosystem Business

Strategy -- New Regulatory Approaches in an Evolving Market Structure -- Part III: New Opportunities, Future Battlefields -- Virtualizing Devices -- Virtualizing Platforms -- Virtualizing Network -- Internet of Things -- Internet of Services.

Sommario/riassunto	In the telecom world, services have usually been conceived with a specific mindset. This mindset has defined the traditional characteristics of these services; services distinguished by their linkage with the access network, tight control over service use (e.g., authentication, billing), lack of deep personalization capabilities (mass services only) and reliance on standardization to achieve end-to-end interoperability between all the actors of the value chain (e.g., operators, platform manufacturers, device manufactures). This book offers insights into this complex but exciting world of telecommunications characterized by constant evolution, and approaches it from technology as well as business perspectives. The book is appropriately structured in three parts: (a) an overview of the state-of-the-art in fixed/mobile NGN and standardization activities; (b) an analysis of the competitive landscape between operators, device manufactures and OTT providers, emphasizing why network operators are challenged on their home turf; and (c) opportunities for business modeling and innovative telecom service offers.