Record Nr. UNINA9910143740503321 Enabling technologies for mobile services: the MobiLife book / / editor, **Titolo** Mika Klemettinen Pubbl/distr/stampa Chichester, England; ,: J. Wiley, , c2007 [Piscatagay, New Jersey]:,: IEEE Xplore,, [2007] **ISBN** 1-280-97415-X 9786610974153 0-470-51789-1 0-470-51788-3 Descrizione fisica 1 online resource (439 p.) Altri autori (Persone) KlemettinenMika 621.38456 Disciplina Soggetti Mobile communication systems - Technological innovations Wireless communication systems - Technological innovations Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Preface -- Acknowledgments -- Contributors -- List of Figures -- List of Tables -- 1 Introduction (Mika Klemettinen) -- 2 Users, Applications and Services, and User Centricity (Annakaisa Hyrynen) -- 3 Mobile Services Architecture (Bernd Mrohs and Stephan Steglich) -- 4 Context Awareness and Management (Patrik Floren and Matthias Wagner) -- 5 Multimodality and Personalisation (David Bonnefoy, Olaf Drgehorn, and Ralf Kernchen) -- 6 Privacy, Trust and Group Communications (Gran Schultz, Olivier Coutand, Ronald van Eijk, Johan Hjelm, Silke Holtmanns, Markus Miettinen, and Rinaldo Nani) -- 7 Reference Applications (Dario Melpignano) -- 8 Trials and Evaluation for Acceptance (Esko Kurvinen, Renata Guarneri, and Jukka T Salo) -- 9 Marketplace Dynamics and Business Models Framework (Ulla Killstrom) -- 10 Legal and Regulatory Framework (Olli Pitkanen) -- 11 Conclusions (Mika Klemettinen) --Glossary -- Index Sommario/riassunto The expected future evolution of mobile and wireless communication technologies will enable a whole new generation of mass-market-scale ubiquitous services and applications. The challenge now is to research

and develop applications and services addressing the true needs of the

end-users, and to provide engaging and sustaining added value to them. Enabling Technologies for Mobile Services takes a comprehensive approach on these challenges and provides practical guidelines on building new, innovative applications and services. It shares knowledge gained from a collaborative research project where the methods and technologies were applied and utilised. This book is ideal for professionals working with enabling technologies and service architecture in companies. It will also be of interest to academics and students studying applications/services, enabling technologies and service architectures at the universities and to anyone interested in the general issues surrounding mobile technology. Key features: - Covers key topics in the B3G area including applications and services from the users, key enabling technologies, regulatory and business models, end-user evaluations and applications/services creation points of view - Explains the results of major collaborative (industry-academia-SMEs) MobiLife research project - Builds on previous and parallel interaction with the Wireless World Research Forum - Explores pioneering legal/regulatory analysis of the challenges related to new, advanced application/service solutions including personalisation and DRM -Presents qualitative evaluations and field studies of more than 250 end-users in Italy and Finland - Additional material available on companion website.