

1. Record Nr.	UNINA9910830285603321
Titolo	ICT futures : delivering pervasive, real-time and secure services // edited by Paul Warren, John Davies and David Brown
Pubbl/distr/stampa	Chichester, England ; , : Wiley, , c2008 [Piscataway, New Jersey] : , : IEEE Xplore, , [2008]
ISBN	1-282-34349-1 9786612343490 0-470-75865-1 0-470-75866-X
Descrizione fisica	1 online resource (270 p.)
Altri autori (Persone)	WarrenPaul (Paul W.) DaviesJ (N. John) BrownDavid <1954->
Disciplina	384
Soggetti	Telecommunication - Technological innovations - Forecasting Computer networks - Security measures - Forecasting Electronic commerce - Forecasting Internet - Social aspects - Forecasting Web sites - Forecasting
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 and index.
Nota di contenuto	Editor Biographies. -- List of Contributors. -- Foreword. -- Introduction. -- Part One: People and Technology. -- 1. Predicting the Socio-technical Future (and Other Myths) (Ben Anderson and Paul Stoneman). -- 2. Social Networks, Social Computing and Knowledge Management (Nicholas J. Kings, John Davies, David Verrill, Sinan Aral, Erik Brynjolfsson and Marshall van Alstyne). -- 3. Device Futures (Jonathan Mitchener). -- 4. Online Trust and Customer Power: The Emergence of Customer Advocacy (Glen L. Urban). -- Part Two: Building the Infrastructure. -- 5. The Semantic Web - From Vision to Reality (Paul Warren and John Davies). -- 6. Flexible ICT Infrastructure (Mike Fisher and Paul McKee). -- 7. Achieving Security in Enterprise IT (Theo Dimitrakos and Ivan Djordjevic). -- 8. The Future All Optical Network -

Why We Need It and How We Get There (David Payne). -- 9. End-to-End Service Level Agreements for Complex ICT Solutions (John Wittgreffe, Mark Dames, Jon Clark and James McDonald). -- 10. Mobility and ICT (Richard Dennis and Dave Wisely). -- 11. Pervasive Computing (David Heatley, George Bilchev and Richard Tateson). -- 12. Artificial Intelligence Comes of Age (Simon Thompson). -- Part Three: Applying Technology. -- 13. Healthcare (Chris Wroe, Paul Garner and Janette Bennett). -- 14. Supply Chain Management in the Retail Sector (Edgar E. Blanco and Chris Caplice). -- 15. Technology Innovation in Global Financial Markets (Lesley Gavin) -- 16. Technology and Law: The Not So Odd Couple (Marta Poblet, Pompeu Casanovas and Richard Benjamins). -- Part Four: Final Words. -- 17. Over the Horizon (Ian Pearson). -- 18. Conclusions (Paul Warren, John Davies and David Brown). -- Index.

---

## Sommario/riassunto

"This book will inspire people and enable them to use the insight it provides to build on and exploit the changing IT landscape, in the spirit of open innovation." - Matt Bross, Group Chief Technology Officer, BT

Learn all about the major trends and future advancements in ICT! ICT futures provides an insightful introduction to the major technology trends in Information and Communication Technologies (ICT), and to the economic, commercial and societal environment which is shaping them. The experienced author-team, consisting of experts from both industry and academia, addresses: . The interaction between people and technology - how ICT affects every day social practices; the rise of social computing; how the way we interact with information and the devices we use are changing; and how trust can be assured over the Internet. . The underlying ICT infrastructure - the semantic web and the semantic intranet; the real-time service-oriented infrastructure; the future optical network; self-managing networks and agents; P2P technologies; pervasiveness; mobility and wireless technology; and how the infrastructure can be made secure. . ICT technology and how it is affecting industries as diverse as health, finance, retail and law. The book covers a vast wealth of material, with a strong focus upon the impending changes to the way ICT operates. This reference is a valuable tool for people in managerial roles, CIOs, CTOs, business and technology strategists, and students undertaking technology MBAs, or technology modules in general MBAs. Professionals working in ICT will also find this book valuable.

---