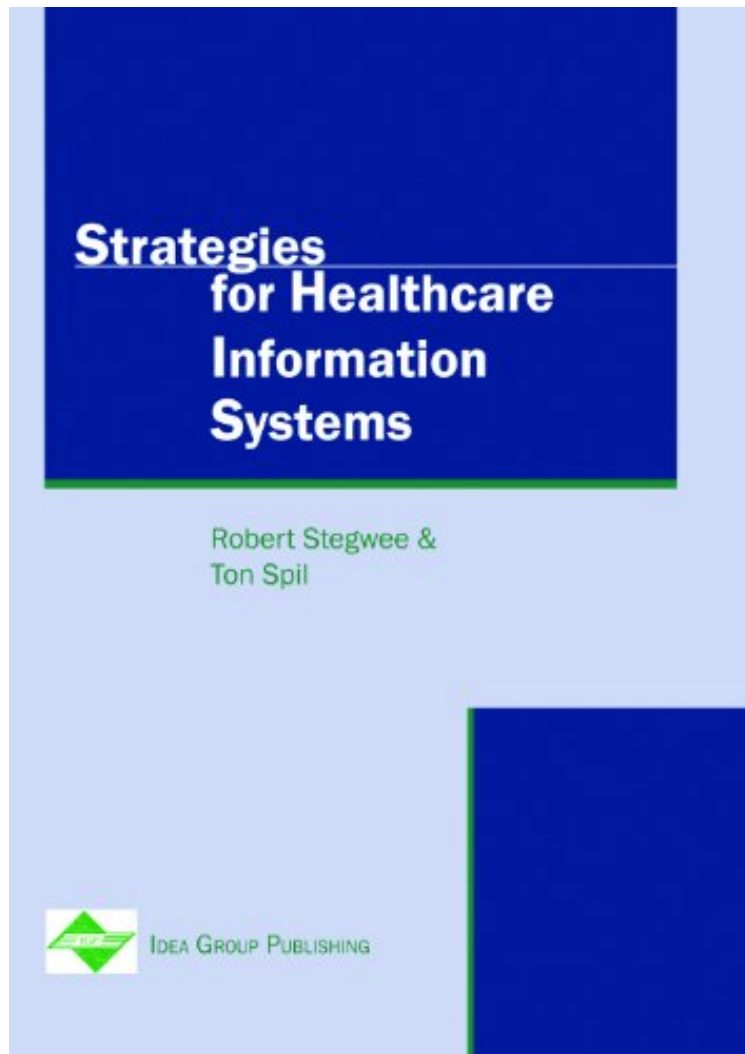


# Strategies for Healthcare Information Systems

*Ton Spil*

*DOC | \*audiobook | ebooks | Download PDF | ePub*



 Download

 Read Online

#15389748 in Books IGI Global 2000-07-31 Original language: English PDF # 1 .52 x 7.04 x 10.04l, .95 #File Name: 1878289896232 pages | File size: 17.Mb

**Ton Spil : Strategies for Healthcare Information Systems** before purchasing it in order to gage whether or not it would be worth my time, and all praised Strategies for Healthcare Information Systems:

Information technologies of the past two decades have created significant fundamental changes in the delivery of healthcare services by healthcare provider organizations. Many healthcare organizations have been in search of ways and strategies to keep up with continuously emerging information technologies, particularly Web-based driven technologies. Strategies for Healthcare Information Systems provides an overall coverage of different aspects of

healthcare information systems strategies and challenges facing these organizations. The book also provides solutions and remedies in utilizing information technologies in support of a strategic posture of healthcare organization in the new millennium.

"...provides solutions and remedies for using information technologies in support of a strategic posture of healthcare organizations." -- Book News, Inc., 5-29-01

About the Author  
Ton A.M. Spil is assistant professor at the department of Technology Management at the University of Twente. He is teaching in the area of Business Information Systems, mainly in project based education. In 1988 he finished his masterps in Computer Science and started his own company consulting big firms on strategic information systems planning. In 1996 he finished his PhD thesis on the effectiveness of these plans and after that he specialized in the application area healthcare and professional organizations. In 2000 he was project manager on a big e-health research project and chaired a track on HICSS 33.

Robert A. Stegwee is professor of Information Management and chair of the Business Information Systems department of the Faculty of Technology Management at the University of Twente. He holds a masterps in Computer Science from the University of Amsterdam and a doctorate in Organisation and Management from the University of Groningen. Within the Center for Telematics and Information Technology, one of the research institutes of the University of Twente, he is area leader for Electronic Process Interaction and Communication (EPIC). On several occasions he chaired an ICT in Healthcare Track at international conferences. With Cap Gemini Ernst Young he gained practical experience through extensive consultancy work in ICT for the Healthcare Consultancy Group. He is member of the board of HL7 The Netherlands.

Excerpt. copy; Reprinted by permission. All rights reserved.

Many conferences and publications have focused on the requirements and possibilities of Electronic Patient Record systems as the ultimate goal of Healthcare Information Systems. This book takes a radically different approach and views the Electronic Patient Record system as a possible outcome of several initiatives for innovative use of information systems, not as a system to design and implement. This book gives an overview of the research of the e-health group at the University of Twente: Information Strategies in Healthcare Organizations; Global Standardization Frameworks; Transformation of the Healthcare Chain and Process Management in Healthcare; Networks of Healthcare Organizations; Knowledge as an Innovation Enabler in Healthcare.

Strategies for Healthcare Information Systems covers the strategic and organizational issues that arise in the application of information and communication technology in the healthcare industry. It takes a broad perspective, discussing both the strategic challenges facing healthcare and the strategic opportunities provided by modern information and communication technology. They blend together in a framework for the strategic deployment of information and communication technology in the healthcare industry. Process innovation surfaces as a key area for success in healthcare information systems, as is described in studies from different continents. The process approach is analyzed in more detail, by describing the necessary interactions between healthcare providers and other parties involved. A description of full scale implementation of such information systems uncovers the tremendous complexity when working in healthcare on a national scale. Stakeholder analysis and various other tools for organizational change management are described as a means to carry out effective process management in healthcare information systems implementation. By looking beyond the individual organizations in the healthcare industry we then explore the possibilities of network formation and the enabling role information and communication technology plays in supporting the continuum of care. This in turn leads to a discussion of innovative organizational designs enabled by network technology. Evidence is given of the wide variety of approaches and outcomes to the introduction of electronic networks in regional healthcare systems. Further evidence of the organizational impact of network technology is given in a discussion of the distribution of knowledge within healthcare administration. Essential to a successful implementation of networked healthcare information systems is standardization of terms and technology. A separate part of the book is devoted to standardization within the healthcare arena, which is discussed both from a theoretical standpoint and from practical experience. The book provides a worthy mixture of theoretical concepts, in-depth analysis, and actual case descriptions of strategies for healthcare information systems from various countries throughout the world.