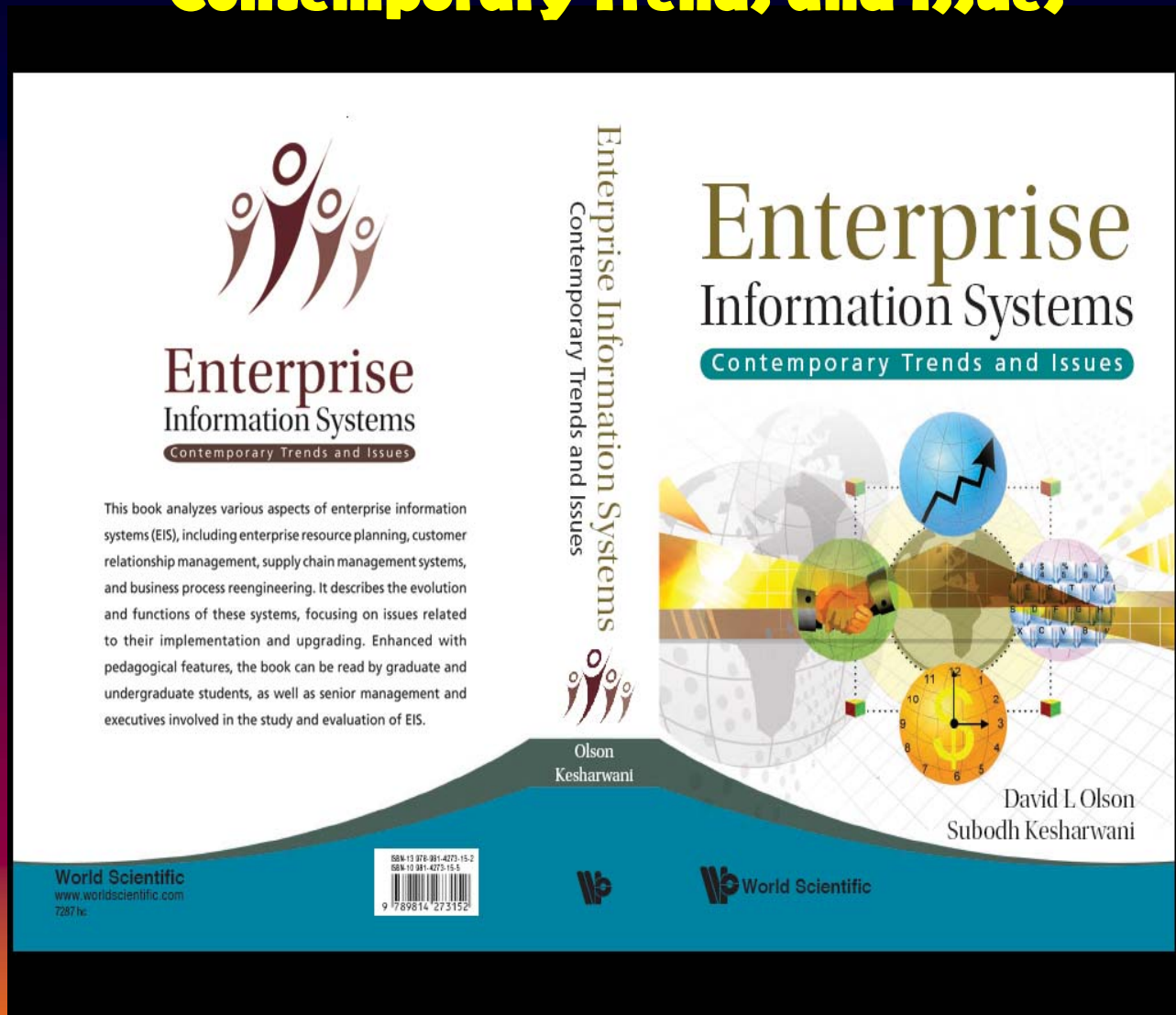


Enterprise Information Systems- Contemporary Trends and Issues



Enterprise Information Systems

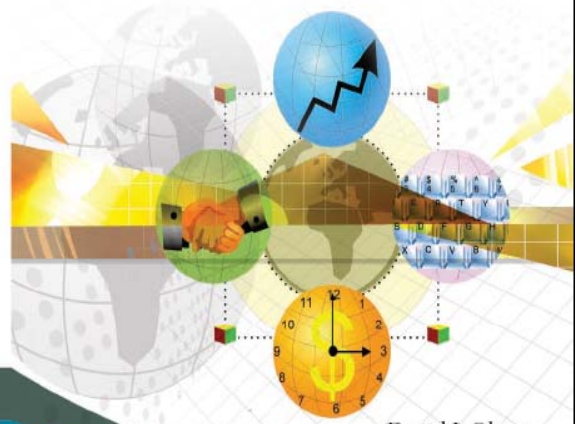
Contemporary Trends and Issues

This book analyzes various aspects of enterprise information systems (EIS), including enterprise resource planning, customer relationship management, supply chain management systems, and business process reengineering. It describes the evolution and functions of these systems, focusing on issues related to their implementation and upgrading. Enhanced with pedagogical features, the book can be read by graduate and undergraduate students, as well as senior management and executives involved in the study and evaluation of EIS.

Enterprise Information Systems
Contemporary Trends and Issues



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Subodh Kesharwani

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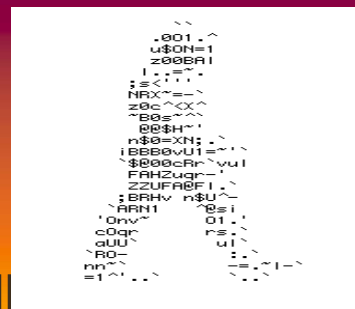
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The more things change, the more they stay the same!

People who sit at the top of organizations need real-time access to complete information in order to make better decisions.

Enterprise Information System [EIS] is a great paradigm shift in the world of information systems

- It has revolutionized business.
- In this new and rapidly changing environment it is imperative that students should extend their understanding of the impact of these new systems on how organizations operate.



Aims & Objectives:

- Help students develop their overall perspective of the discipline of information systems.
 - We recognize that the phrase 'information systems' is often used in a loose and fuzzy manner
- Gives students a thorough understanding of Enterprise Information Systems [EIS]
- The book describes
 - Concepts of EIS, key terms as they relate to EIS
 - Gives a basic EIS model
 - Discusses different EIS maturity levels,
 - The transition from MRP to EIS
 - States the benefits and the pitfalls of EIS implementations.

Pedagogy of the Book

- Case discussions
- Views and experiences shared by users, vendors and academicians
- Exposes readers to EIS software
- Addresses real life issues
- Provides further reading
- Provides competency review

Structure of the Book

This book is well suited as an executive guide for anybody who is considering EIS or evaluating EIS systems.

The book is designed for the students of those technical and managerial universities where EIS has just been introduced and also senior management and executives because it's focused.

It covers key points

Each chapter is treated as a white paper that ends with case studies reinforcing the topic and references.

Unique Selling Points of the proposal

The book could be different from its competitors in many ways:

- ***Use of Indian and American case studies as EIS systems are implemented in industry and academia.***
- ***The book will explain the utility of EIS systems and make them aware of hidden costs.***
- ***The book will cover issues.***

The Overall Endeavour of the Book

This book describes state-of-the-art, innovative theoretical frameworks, advanced and successful implementations as well as latest empirical research findings in the area.

The main objective is to bridge theory and practice on the one hand and to fill research gaps and answer open questions on the other hand.

The book will improve the understanding of the problems that are encountered during the conception of information systems for mass customization.

Furthermore, it provides solution approaches for the mitigation of these problems and simultaneously highlights new directions for future research.

The Target Audience

The target audience consists of professionals and scientists working in the field of computer science and artificial intelligence.

In addition, industrial engineers and researchers in business administration with a special focus on information systems and IT

Management will find this book a useful reference that describes current research and presents topics that can be more studied in greater depth in the future.

Graduate students will find practical applications of theoretical concepts.

David L. Olson is the James & H.K. Stuart Professor in MIS and Othmer Professor at the University of Nebraska. He received his Ph.D. in Business from the University of Nebraska in 1981. **Professor Olson** has published research in over 60 refereed journal articles, primarily on the topic of multiple objective decision-making. He teaches in the management information systems, management science, and operations management areas. He has authored the books *Decision Aids for Selection Problems*, *Introduction to Information Systems Project Management*, and *Managerial Issues of Enterprise Resource Planning Systems* and co-authored the books *Decision Support Models and Expert Systems*; *Introduction to Management Science*; *Introduction to Simulation and Risk Analysis*; *Business Statistics: Quality Information for Decision Analysis*; *Statistics, Decision Analysis, and Decision Modeling*; and *Multiple Criteria Analysis in Strategic Siting Problems*.

Professor Olson has made over 100 presentations at international and national conferences on research topics. He is a member of the Association for Information Systems, the Decision Sciences Institute, the Institute for Operations Research and Management Sciences, and the Multiple Criteria Decision Making Society. He has been the chair for the Data Mining minitrack at AMCIS 2004 and AMCIS 2005. He has coordinated the Decision Sciences Institute Dissertation Competition, Innovative Education Competition, chaired the Doctoral Affairs Committee, served as nationally elected vice president three times, and as National Program Chair. He was with Texas A&M University from 1981 through 2001, the last two years as Lowry Mays Professor of Business in the Department of Information and Operations Management. He received a Research Fellow Award from the College of Business and Graduate School of Business at Texas A&M University, and held the Business Analysis Faculty Excellence Fellowship for two years. He is a Fellow of the Decision Sciences Institute.



Subodh Kesharwani is a man with doctorate in ERP System. He was one of the researchers who had talked a lot about Hidden Cost and Total cost of Ownership [TCO] which is sufficient to put ERP on the death-beds if not properly controlled. . Presently a Faculty in School of Management Studies with 8 years of hardcore teaching and research in computer and Management at Indira Gandhi National Open University, IIMT Engineering College and as a research student at Motilal Institute of Research and Business administration [MONIRBA]. He had taught Operation research and Statistics to MBA and B Tech Students. He had developed a program in Entrepreneurship in collaboration with Rajiv Gandhi Foundation and Commonwealth of Learning Canada for the providing training to the trainers. He is a trainer in ERP and delivered a talk on ERP as a key speaker in a conference on Computer Integrated Management System Theme. He is a trainer who had talked a lot on CRM and eCRM and how it can be linked with an ERP as model. He is presently in New Delhi, India and is planning to come-up with an ERP-Consortium and educational portal where industry and academia come together.

Dr. Kesharwani had developed an ample number of audio visual aid and had one book on ERP. He is a presently flourishing himself as trainer on ERP and EIS related areas that can harmonize the technical and Functional module in a synchronized manner.





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