Management Information Systems for Enterprise Applications: Business Issues, Research, and Solutions

Adamantios Koumpis (ALTEC Software S.A., Greece)

Over the past two decades, the service economy has become the largest part of most industrialized nations’ economies according to key economic indices, such as contribution to GDP and employment. In parallel, the concept of service has been developed in different disciplines as a key theoretical construct that drastically impacts recent research initiatives.

Management Information Systems for Enterprise Applications: Business Issues, Research and Solutions provide the conceptual and methodological foundations that reflect interdisciplinary concerns regarding research in management information systems. This book investigates the future of management information systems by means of analyzing a variety of MIS and service-related concepts in a wide range of disciplines, including computer science, software engineering, operations research, management of information systems, economics, management theory, marketing, business strategy, cognitive sciences, anthropology, humanities and the arts, as well as novel concepts and knowledge from related areas.

Topics Covered:

- Corporate Content Management
- Corporate MIS
- Decision Making in Corporate Environments
- Management Information Systems (MIS)
- MIS and Business Process Outsourcing
- MIS Applications in Novel Business Domains
- MIS in the Service Factory of the Future
- MIS Infrastructures
- MIS Research Frontiers
- Open Source Supply Chains

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Adamantios Koumpis heads the research programmes division of ALTEC Software S.A., Greece, which he founded in 1996 (then as independent division of Unisoft S.A.). He is the author of research papers, technical reports, and project deliverables in the domains of data/information management and human computer interaction. His research interests include quantitative decision making techniques and information society economics. He successfully lead many commercial and research projects both at the European and the national level in the areas of e-commerce, public sector and business enterprise re-organization, and information logistics, concerning linking of data/information repositories with knowledge management and business engineering models. Adamantios holds a PhD degree from the University of Kingston (UK) and a bachelor degree from the University of Crete (Greece). Adamantios also published a book with IGI Global in 2010, Service Science for Socio-Economical and Information Systems Advancement: Holistic Methodologies.
Chapter 1
Essentials of Management Information Systems

Chapter 2
MIS Case for Use in Archaeology

Chapter 3
Grounding Theories for Building Robust Corporate Management Information Systems

Chapter 4
Using Mission-Specific MIS Infrastructures

Chapter 5
Open Source Supply Chains

Chapter 6
Doing Business on the Globalised Networked Economy

Chapter 7
Making Use of Social Networking Infrastructures to Support Educational Content Creation and Usage

Chapter 8
MIS Infrastructure to Support Business Process and Operations Outsourcing

Chapter 9
MIS Applications in Emerging Areas and Novel Business Domains

Chapter 10
MIS in the Service Factory of the Future

Chapter 11
MIS Research Frontiers

Chapter 12
Scenes from the Future

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