

Strategic Information Systems: Concepts, Methodologies, Tools, and Applications

M. Gordon Hunter
University of Lethbridge, Canada

Volume I

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Section I. Fundamental Concepts and Theories

This section serves as the foundation for this exhaustive reference tool by addressing crucial theories essential to the understanding of strategic information systems. Chapters found within these pages provide an excellent framework in which to position strategic information systems within the field of information science and technology. Individual contributions provide overviews of strategic intelligence, strategic decision making, and decision support systems, while also exploring critical stumbling blocks of this field. Within this introductory section, the reader can learn and choose from a compendium of expert research on the elemental theories underscoring the research and application of strategic information systems.

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This section provides in-depth coverage of conceptual architectures, frameworks and methodologies related to the design and implementation of strategic information systems. Throughout these contributions, research fundamentals in the discipline are presented and discussed. From broad examinations to specific discussions on particular frameworks and infrastructures, the research found within this section spans the discipline while also offering detailed, specific discussions. Basic designs, as well as abstract developments, are explained within these chapters, and frameworks for designing successful management information systems, data warehouses, and decision support systems are discussed.

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Section V. Organizational and Social Implications

This section includes a wide range of research pertaining to the social and organizational impact of strategic information systems around the world. Chapters included in this section analyze organizational knowledge management, e-collaboration, and group decision support systems. The inquiries and methods presented in this section offer insight into the implications of strategic information systems at both a personal and organizational level, while also emphasizing potential areas of study within the discipline.

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Section VIII. Emerging Trends

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