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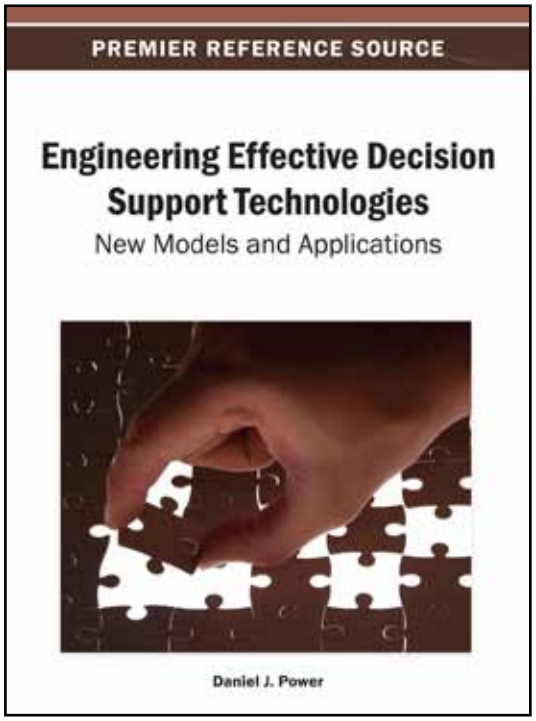
Released: May 2013

Engineering Effective Decision Support Technologies: New Models and Applications



ISBN: 9781466640023; © 2013; 321 pp.
Print: US $195.00 | Perpetual: US $295.00 | Print + Perpetual: US $390.00

Pre-pub Discount:*
Print: US $185.00 | Perpetual: US $280.00
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Daniel J. Power
(University of Northern Iowa and DSSResources.com, USA)

In modern, information-centric business environments, Decision Making Support Systems (DMSS) present a critical consideration for any organization serious about maintaining competitive advantage. Advances in information systems, knowledge management technologies, and other decision support systems necessitate a critical understanding of the latest trends and research.

Engineering Effective Decision Support Technologies: New Models and Applications presents a collection of the latest research in DMSS and applies those theoretical considerations to best practices in the field. This reference includes empirical case studies and an analysis of new models and perspectives in knowledge management, promoting discussion of DMSS strategies among managers, researchers, and students of information science.

Topics Covered:

- Automated Diagnosis
- Collaborative Decision-Making
- Crisis Management
- Database Management
- Intelligent DMSS
- Social Media in DMSS
- System Development Methodologies

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners. Ideal for classroom use.

Daniel J. Power is a Professor of Information Systems and Management at the College of Business Administration at the University of Northern Iowa, Cedar Falls, Iowa and the editor of DSSResources.COM, the Web-based knowledge repository about computerized systems that support decision making. He has authored four books on Decision Support Systems and his DSS Concepts book (2002) is a broad ranging handbook on the fundamentals of building decision support systems. In 1982, Professor Power received a Ph.D. in Business Administration from the University of Wisconsin-Madison.

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