

The Journal of Strategic Information Systems

Special Issue on

Strategic Enterprise Information Systems for Global Supply Chain Competitiveness

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Strategic enterprise information systems (SEIS) are networked and integrated information systems developed to help support corporate strategic decisions. They are sold on the basis that they can provide a competitive advantage to the organization, although prior research has demonstrated that realizing the benefits from such systems is not always easy, especially when there are multiple stakeholders involved across a supply chain, each of whom may have different interests and concerns. The purpose of this special issue is to stimulate theoretical and empirical research that enable us to better understand the circumstances in which SEIS may be involved in the transformation of organizational resources to achieve global supply chain competitiveness, while remaining sensitive to the variety of interests involved that may make consensus over strategic priorities difficult to achieve in practice.

- What are the strategic implications sought for an enterprise resource planning (ERP) systems in supply chain competitiveness? And how and why are these strategic implications realized (or not) in practice?
- In what ways and how, if at all, are E-Commerce and wireless technologies such as Radio Frequency Identification (RFID) technologies creating a paradigm shift in managing a competitive supply chain system?
- How can ERP and RFID support the strategic enterprise information systems for global supply chain competitiveness?
- What are the challenges that companies face with reference to SEIS implementation, especially given the variety of stakeholders involved along a supply chain?

This special issue is an extension of JSIS special issues, namely, *“Understanding the contextual influences on enterprise system design, implementation, use and evaluation”* (JSIS 13(4) and 14(2)) edited by Professors Debra Howcroft, Sue Newell and Erica Wagner, and considers the strategic implications of ERP, E-Commerce and RFID in global supply chain management, rather than focusing systems on design and implementation. We particularly encourage papers that take a strategic perspective, where ‘strategic’ can address organizational, technology, business, or policy imperatives in SEIS in supply chain management.

- Our special issue will focus on SEIS rather than simply focusing on ERP perspectives. SEIS include a focus on how the strategies at different levels of organizations, including planning and managing resources for organizational competitiveness, inter-relate.
- It will concentrate on SEIS in global supply chain and logistics and not generic organizational environments, thus focusing on multiple stakeholders with diverse interests.
- Our special issue will include functions beyond ERP such as E-Procurement, RFID, E-Commerce and customer relationship management (CRM).
- Knowledge management (KM) will be given due consideration in our special issue.

- The customer-side of the SEIS in supply chain management will be given due consideration

We welcome research contributions from both academics and practitioners that provide a critical analysis of ERP, KM, RFID and E-Commerce in supply chain management. In addition to empirical papers, review articles that evaluate existing insights and point to fruitful avenues for future research on strategic perspectives of ERP, KM, RFID and E-Commerce are also encouraged. Authors are encouraged to contact the special issues editors to discuss the suitability of their proposed papers.

Papers must follow the authors' guidelines for the *Journal of Strategic Information Systems* (please consult www.elsevier.com/locate/jsis for more information). The journal publishes high quality, reflective, and analytical articles on issues concerned with the strategic applications of information and communication technologies. Review articles and case study articles are also welcome. Case study articles are expected to be more practice oriented and shorter (<3,000 words) than research articles (>7,000 words). Both would be welcome for this special issue.

- Enterprise systems strategy and planning for global enterprise operations
- RFID in supply chain information systems
- Strategic knowledge management in supply chain and logistics
- Developing a CRM strategy in logistics and supply chain
- Socio-material practices associated with strategic enterprise information systems development
- E- Procurement systems in supply chain
- Design and development of strategic intelligent agent systems for supply chain
- ERP and E-Logistics in supply chain
- DSS and E-Commerce in supply chain and logistics
- Evaluation of costs and benefits of SEIS in logistics and supply chain
- SEIS performance measure and metrics in supply chain
- Economic impact of SEIS in supply chain and logistics
- Building organizational partnerships using SEIS

Submission Guidelines and Important Dates:

Submission will be double blind refereed by three referees and one of the special issue guest associate editors. While submitting, please indicate whether the article is a research paper or a case study paper. Authors of papers that make it through the first round of refereeing will be asked to revise and resubmit their papers in line with the guidelines provided by the editors within three to four months. If a second revision is necessary, it is due within two months of the receipt of the second round of reviews. It is estimated that the papers accepted for publication will appear in either the June 2011 or the September 2011 issue of *JSIS*.

Full papers are due by May 15, 2010 and should be submitted via the journal's online submission system available through the journal homepage www.elsevier.com/locate/jsis or directly via <http://ees.elsevier.com/jsis/> - choosing "Special Issue: Global Supply Chain" as the paper type.