INTRODUCTION

Advances in computing and communication technologies have profoundly accelerated the development and deployment of complex Enterprise Systems in large and small-to-medium-sized enterprises seeking organisational improvements and business benefits. The implementation of such complex information systems in industries and organisations is considered one of the most important developments in corporate use of information technology.

Enterprise Resource Planning (ERP) is now being hailed as a foundation for the integration of organization-wide information systems. ERP systems link together entire organization’s operations such as accounting, finance, human resources, manufacturing and distribution, etc. Moreover, they also connect the organization to its customers and suppliers through the different stages of the product or the process life cycle. The literature on ERP success and/or failure is inconclusive. While some analysts report positive impacts and outcomes of ERP application, others have revealed ERP failures. One of the reasons behind these different views lies in the multidimensionality of the concept of success and the difficulty of developing a single success/failure measurement. In addition, ERP is a part of the larger set of technology and operations driven systems, called Enterprise Systems, that aim at integrating the entire enterprise and even a set of enterprises.

COVERAGE

This Handbook of Research on Enterprise Systems aims to encompass the most comprehensive source of coverage related to the past, present, and emerging directions of Enterprise Systems. Topics of interest for the handbook are planned to provide a broad basis for understanding the issues, technologies, theories, applications, opportunities, and challenges being faced by researchers and organizations today in their quest for Enterprise Systems development, implementation, management and vision for the future.

The coverage topics include, but are NOT limited to, the following:

1. Historical Perspective of ES
2. Enterprise Systems Architecture
3. ERP Implementation
4. Adoption and Diffusion of ES
5. ES Vendors Perspective
6. ES Applications – Industry Specific Issues
7. ES in Small and Medium-Sized Enterprises
8. ES Management
9. Web ERP
10. Education and Research in ES
11. Wireless and Mobile ERP
12. ERP in Distribution Systems
13. ERP in E-Government
14. Emerging Technologies for ERP
15. ERP and E-Portals
16. Enterprise Systems Evaluation
17. Enterprise Systems and Security
18. ERP in the Developing World
19. Critical Success Factors in ERP Implementation
20. Success and Failure Stories of ERP
22. Enterprise Security Framework
23. Enterprise Transformation
24. ERP and Knowledge Management
25. The Impact of ERP (ES) on Business Value
26. ERP Systems in Government
27. Business Processes and ES
28. The Future of ERP: Trends, Challenges and Opportunities
SUBMISSION PROCEDURE

For producing this Handbook, we invite you to submit a brief proposal for contribution (2-3 pages at most) via e-mail, by no later than April 2, 2007. Upon the editors’ acceptance of your proposal, you will have until July 1, 2007 to complete your article (about 5,000 words in length) along with 7-10 related terms and their appropriate definitions. Your article will then be subject to a double-blind peer review. This Handbook is scheduled to be published by Information Science Reference, an imprint of IGI Global (www.igi-pub.com) in early 2008.

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