Information Systems Reengineering for Modern Business Systems: ERP, Supply Chain and E-Commerce Management Solutions

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Businesses must constantly adapt to a dynamically changing environment that requires choosing an adaptive and dynamic information architecture that has the flexibility to support both changes in the business environment and changes in technology. In general, information systems reengineering has the objective of extracting the contents, data structures, and flow of data and process contained within existing legacy systems in order to reconstitute them into a new form for subsequent implementation.

Information Systems Reengineering for Modern Business Systems: ERP, Supply Chain and E-Commerce Management Solutions covers different techniques that could be used in industry in order to reengineer business processes and legacy systems into more flexible systems capable of supporting modern trends such as Enterprise Resource Planning (ERP), supply chain management systems and e-commerce. This reference book also covers other issues related to the reengineering of legacy systems, which include risk management and obsolescence management of requirements.

Topics Covered:

- Business Agility of Legacy IT Systems
- Business Risk Analysis
- Enterprise Resource Planning (ERP) Systems Implementation
- E-Procurement transactions in Supply Chain
- Evaluating Inter-Organizational Process Integration Configurations
- Migrating from Legacy Software Systems to Web Services
- Reengineering Information Systems
- Reengineering Structured Legacy Systems
- Supply Chain Reengineering
- Workflow Ability of ERP and WIM Systems

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

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