

ROLE OF INFORMATION TECHNOLOGY IN BUSINESS

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ABSTRACT

Management information systems are comprised of computing and communications in between management. The hardware and software components of management information systems are reviewed along with the type of organization functions for which applications software is designed to support. Three business strategies that drive the development and deployment of management information systems — cost-reduction, quality-improvement, and revenue-growth — will be introduced and serve as the foundation for the discussion of the types of management information systems that can be implemented to support the strategies. Opportunities and challenges presented by the use of the Internet. The management information systems are also examined along with an analysis of staffing challenges for information technology departments.

KEYWORDS: Management information systems, hardware and software.

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Transaction processing systems (TPS) collect and record the routine transactions of an organization. Examples of such systems are sales order entry, hotel reservations, payroll, employee record keeping, and shipping.

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