


Vision. Value. You.

Information Systems ISM 3011


Fall 2003
Unit 9A

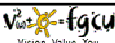
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Exam Preparation


1. Review your notes **and the slides** for chapters 6 - 9! Check that you know the topics in each of those three chapters.
2. Repeat the self-assessment tests for chapters 6 - 9.
3. Check that you know and understand the list of key terms (chapters 6 - 9).
4. Find solutions to the review questions (chapters 6 - 9).

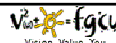
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Assignment for Next Class (Tuesday)


- Read chapter 10 (p. 410 – 452)
- Self-assessment test (p. 452 – 453)
- Review key terms (p. 453)
- Prepare review questions 1, 4, 13, and 17.

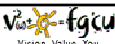
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Transaction Processing & Enterprise Resource Planning Systems


Chapter 9

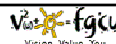
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Principles and Learning Objectives


- An organization's TPS must support the routine, day-to-day activities that occur in the normal course of business and help a company add value to its products and services.
 - Identify the basic activities and business objectives common to all transaction processing systems.
 - Describe the inputs, processing, and outputs for the transaction processing systems associated with order, purchasing, and accounting business processes.

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Principles and Learning Objectives

- TPSs help multinational corporations form business links with their business partners, customers, and subsidiaries.
 - Identify the challenges that multinational corporations must face in planning, building, and operating their TPSs.

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Principles and Learning Objectives

- Implementation of an enterprise resource planning system enables a company to achieve numerous business benefits through the creation of a highly integrated set of systems.
- Define the term enterprise resource planning system and discuss the advantages and disadvantages associated with the implementation of such a system.

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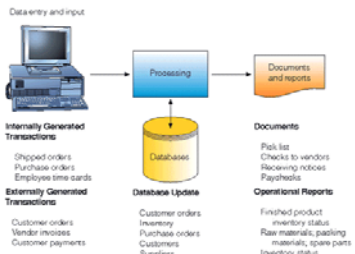
An Overview of Transaction Processing Systems



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Transaction Processing Systems



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Traditional Transaction Processing Methods & Objectives

- Batch processing systems
- On-line transaction processing (OLTP)
- On-line entry with delayed processing
- Process data generated by and about transactions
- Process data generated for and about transactions
- Maintain a high degree of accuracy and integrity
- Produce timely documents & reports

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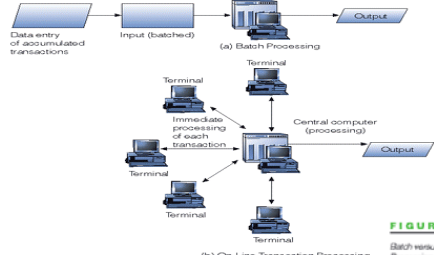
Traditional Transaction Processing Methods & Objectives

- Increase labor efficiency
- Help provide improved service
- Help build and maintain customer loyalty
- Achieve competitive advantage

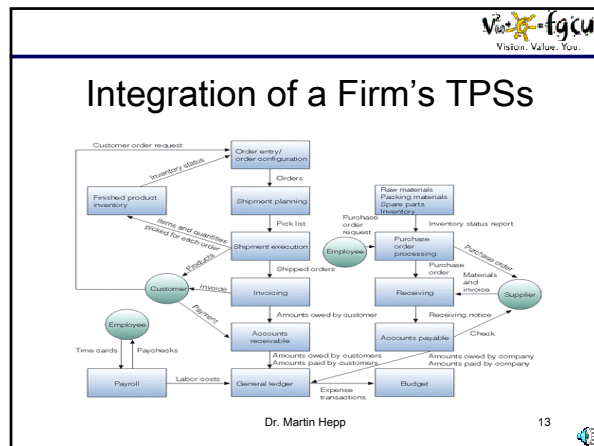
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Batch versus On-Line Transaction Processing

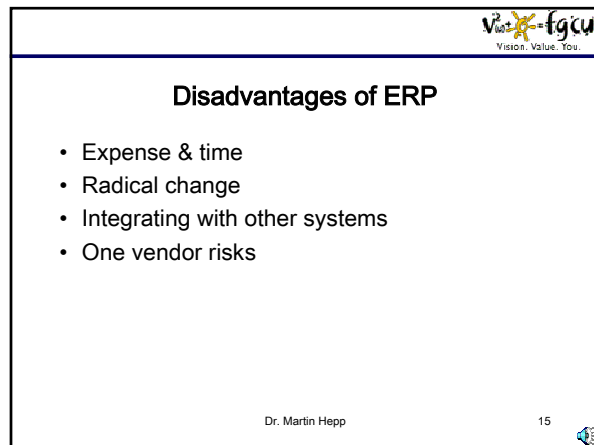


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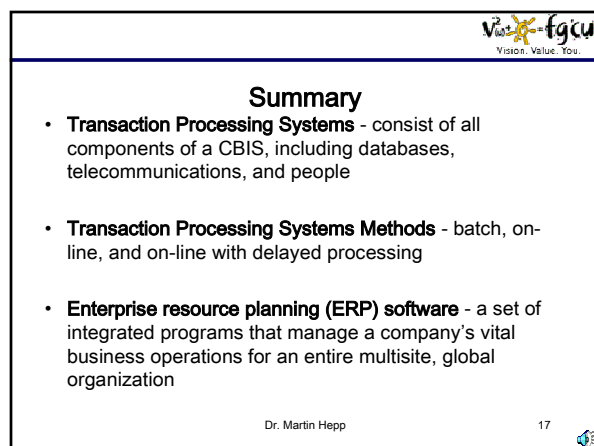
Advantages of ERP

- Eliminates costly, inflexible legacy systems
- Improved technology infrastructure
- Improved work processes
- Increased data access for decision making



Control & Management Issues

- Business resumption planning
- Disaster recovery & Backups



Thank you!

Any questions? Please send an e-mail to mhepp@computer.org!

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