



Chapter 7: Telecommunications, the Internet, and Wireless Technology

LEARNING OBJECTIVES

- Identify the principal components of telecommunications networks and key networking technologies.
- Identify the different types of networks.
- Describe how the Internet and Internet technology work and how they support communication and e-business.
- Describe the principal technologies and standards for wireless networking, communication, and Internet access.
- Describe radio frequency identification and wireless sensor networks and identify why these are valuable business technologies.



Management Information Systems

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Telecommunications and Networking in Today's Business World

- Networking and Communication Trends
  - Convergence:
    - Telephone networks and computer networks converging into single digital network using Internet standards
  - Broadband:
    - More than 68% U.S. Internet users have broadband access
  - Broadband wireless:
    - Voice, data communication are increasingly taking place over broadband wireless platforms



















































































