

Component 6 - Health Management Information Systems

Unit 2-2 -Hardware and Software Supporting Health Information Systems

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Objectives

- Examine the challenges presented by emerging trends in information technology, social media, and global communications
- Discuss the advantages and disadvantages of using the Internet

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IT Trends

- Internet
- Intranet
- Web services
- Wireless
- Social media
- Global communications

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Social Media

- Social networks
- Blogs
- Forums
- Wikis
- Photo video
- Podcasts

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Global Communications

- Computer networking tools for international communications and information exchange
 - Example: CDC's global health communications

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Challenges Presented

- Concerns with privacy and security
- Risk of liability
- Lack of law or legislation governing the boundaries
- Lack of payment for engagement
- Resistance by healthcare providers

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Internet Advantages

- Cost effective
- Faster deployment
- Little or no IT support needed
- Designed for sharing
- Better technology for mobile computing

Internet Disadvantages

- Privacy
- Security
- Scalability

Summary

- Challenges
 - Concerns with privacy and security
 - Risk of liability
 - Lack of law or legislation governing the boundaries
 - Lack of payment for engagement
 - Resistance by healthcare providers

Summary, continued

Internet Advantages	Internet Disadvantages
Cost effective	Privacy
Faster deployment	Security
Little or no IT support needed	Scalability
Designed for sharing	
Better technology for mobile computing	

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