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**Health Management
Information Systems**

Unit 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

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Internet Disadvantages

- Privacy
- Security
- Scalability

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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

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Summary	
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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