

Living in a Network Centric World



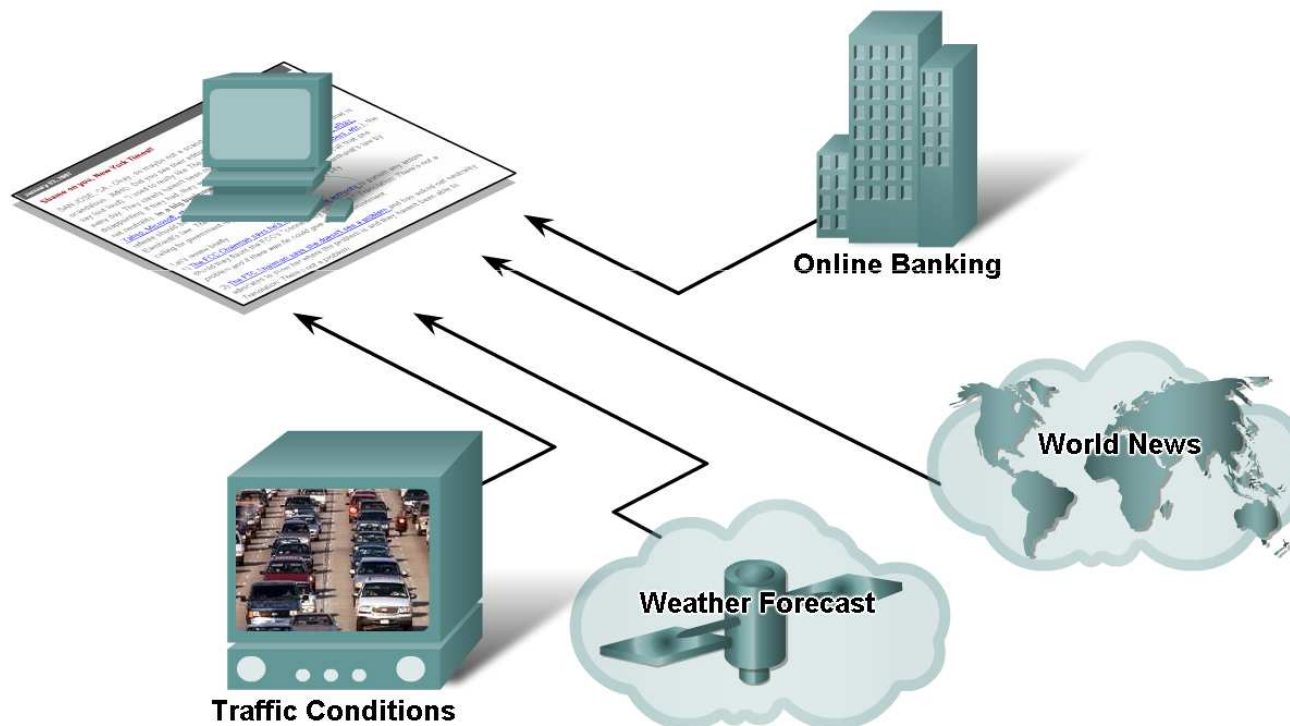
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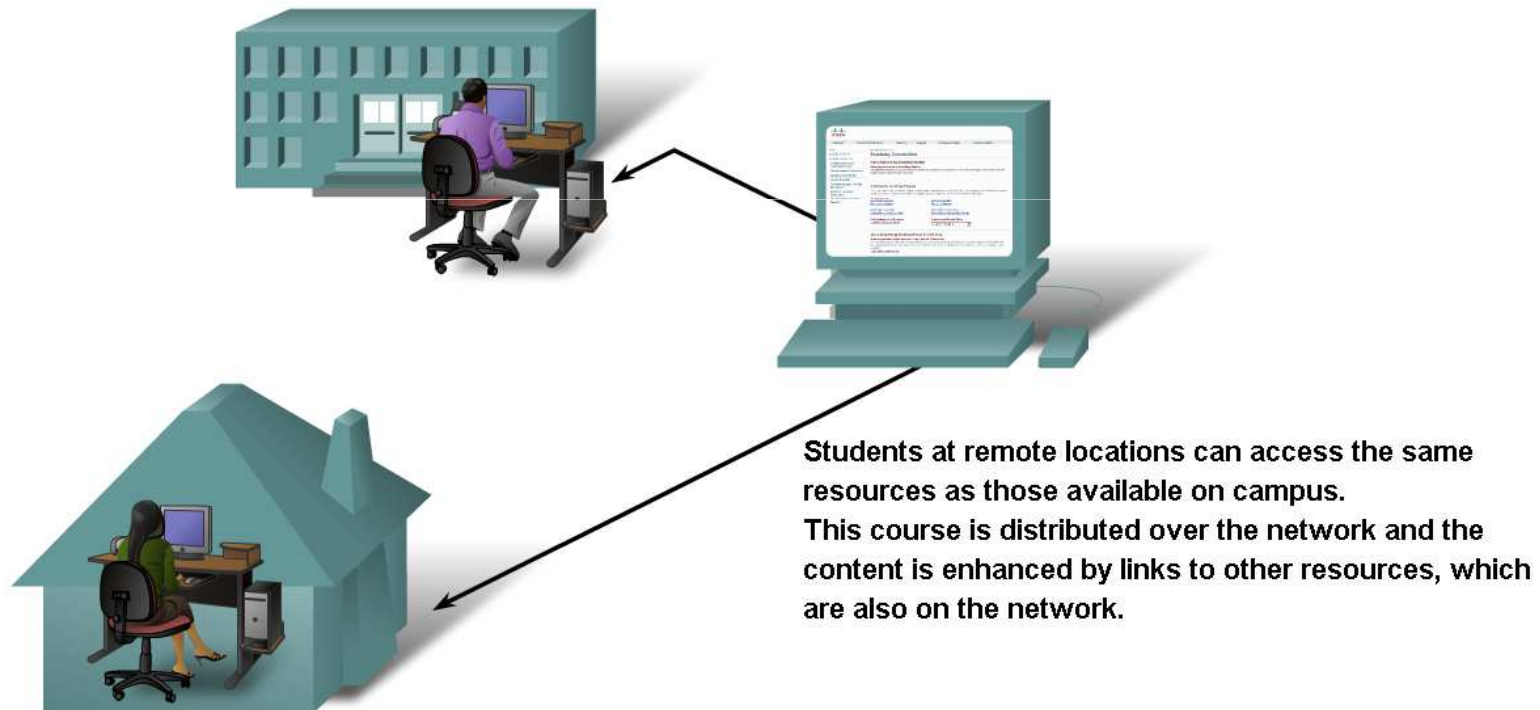
How Network Impacts Daily Life ?

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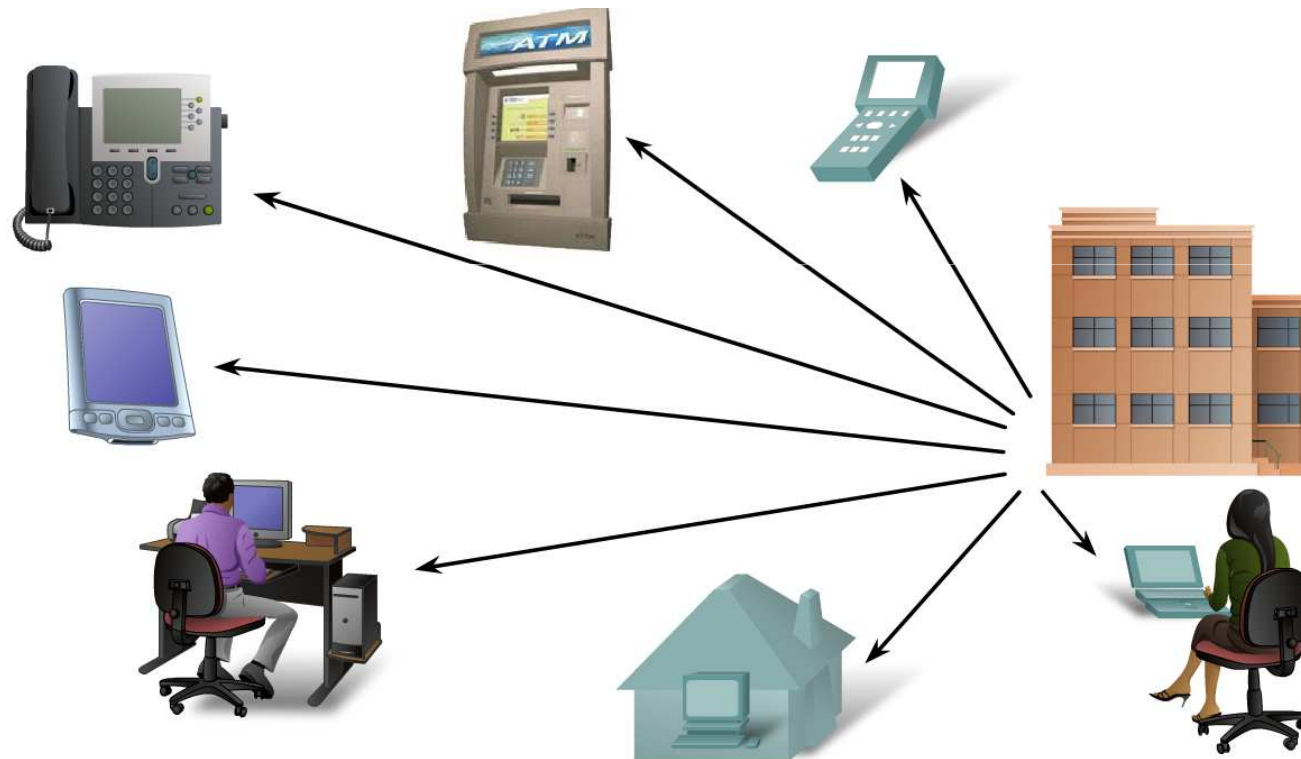
The Way We Learn

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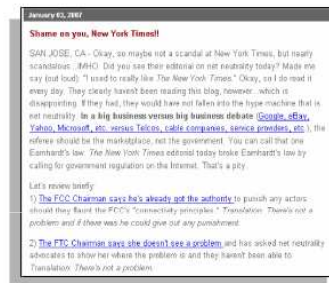
The Way We Work

4



The Way We Play

5



Online Interest Groups



Online Travel



Online Games



Online Entertainment



The onboard data network provides a range of services to airline personal seatback video systems.



Instant Messaging

Converged Networks

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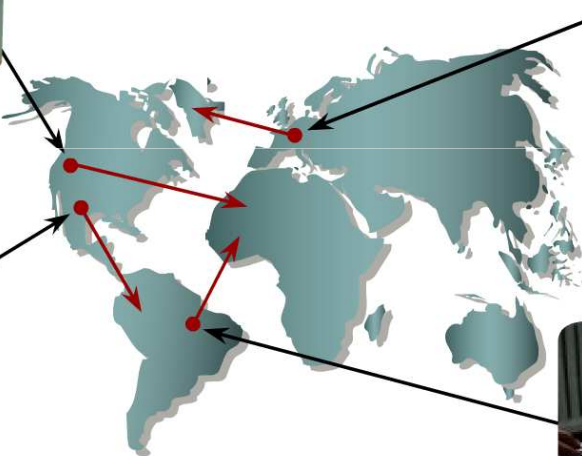
Intelligent Networks allow handheld devices to receive news, Emails, and to send text.



Video conferencing around the globe is in the palm of your hand.



Phones connect globally to share voice, text and images.



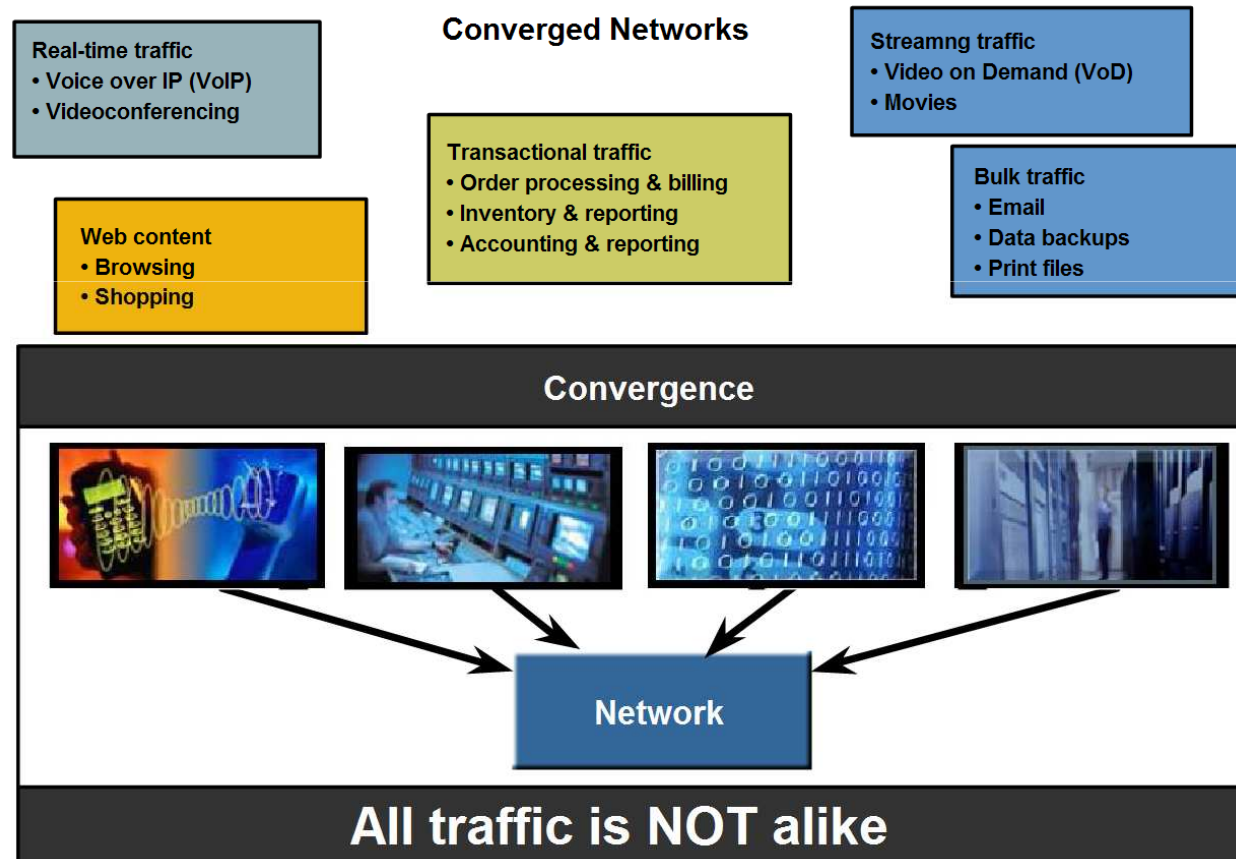
The Human Network is everywhere.



Online gaming connects thousands of people seamlessly.

Converged Networks

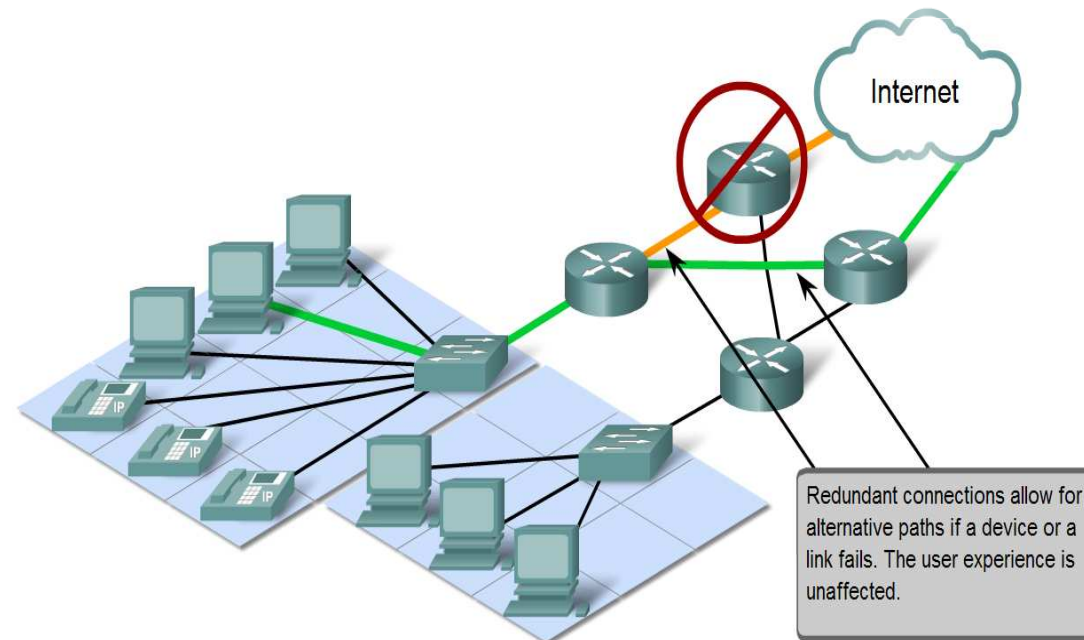
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Networks Architecture Characteristics

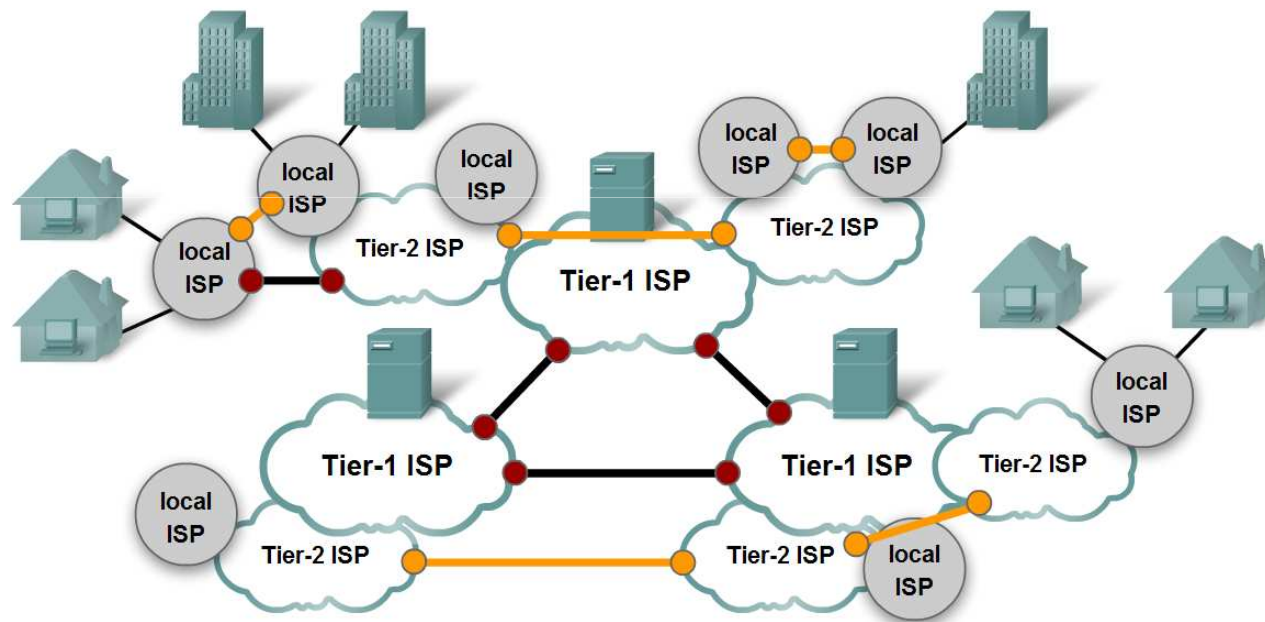
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- ❑ Fault tolerance
- ❑ Scalability
- ❑ Quality of service
- ❑ Security



Scalability

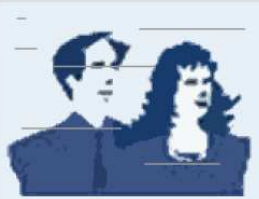


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Quality of Service

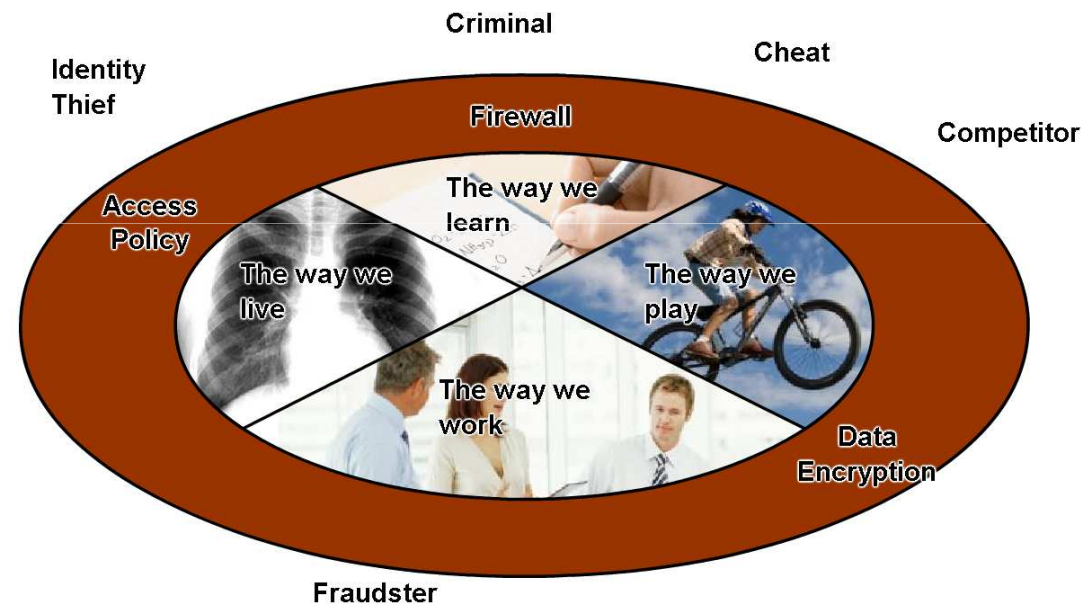
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Quality of Service Matters

Communication Type	Without QoS	With QoS
Streaming video or audio		
	Choppy picture starts and stops.	Clear, continuous service.
Vital Transactions	Time : Price 02:14:05 \$1.54 Just one second earlier...	Time : Price 02:14:04 \$1.52 The price may be better.
Downloading web pages (often lower priority)		
	Web pages arrive a bit later...	But the end result is identical.

Security

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Thank You