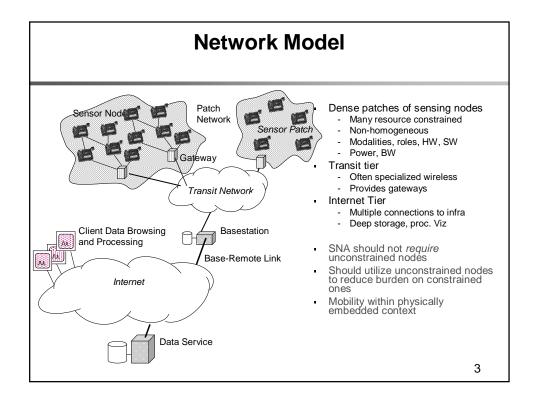
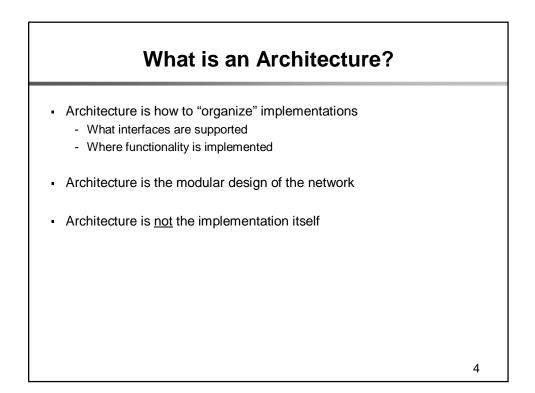
CS 268: Lecture 24 Sensor Network Architecture (SNA)

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	Sensor Network Protocols Today
Obligatory Appin	David Culler Slide Hood EnviroTrack TinyDB FTSP Regions Diffusion
Transport	SPIN Deluge Trickle Drip
Routing	MMRP TORA Ascent Arrive MintRoute CGSR ARA GSR GPSR GRAD
Scheduling	DSDV DBF TBRPF Resynch
Topology	PC ReORg Yao
Link	PAMAS SMAC Woomac BMAC WiseMAC TMAC Pico
Phy	RadioMetrix RFM CC1000 Bluetooth eyes nordic
What if	I want to use any two protocols together??





Internet vs Sensor Nets

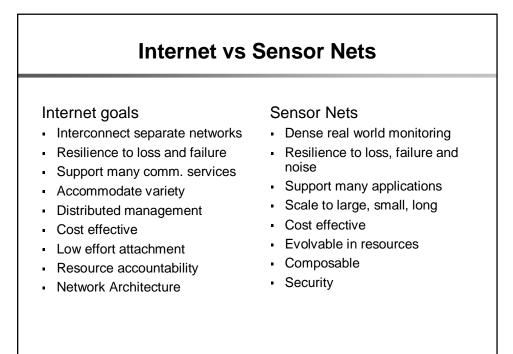
Internet goals

- Interconnect separate networks
- Resilience to loss and failure
- Support many comm. services
- Accommodate variety
- Distributed management
- Cost effective
- Low effort attachment
- Resource accountability
- Network Architecture

Sensor Nets

- Resource efficiency
- Data centric design
- Deal with intermittent connectivity
- Self-managed
- Observation, monitoring of various environments
- Cost effective
- Scalability

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