

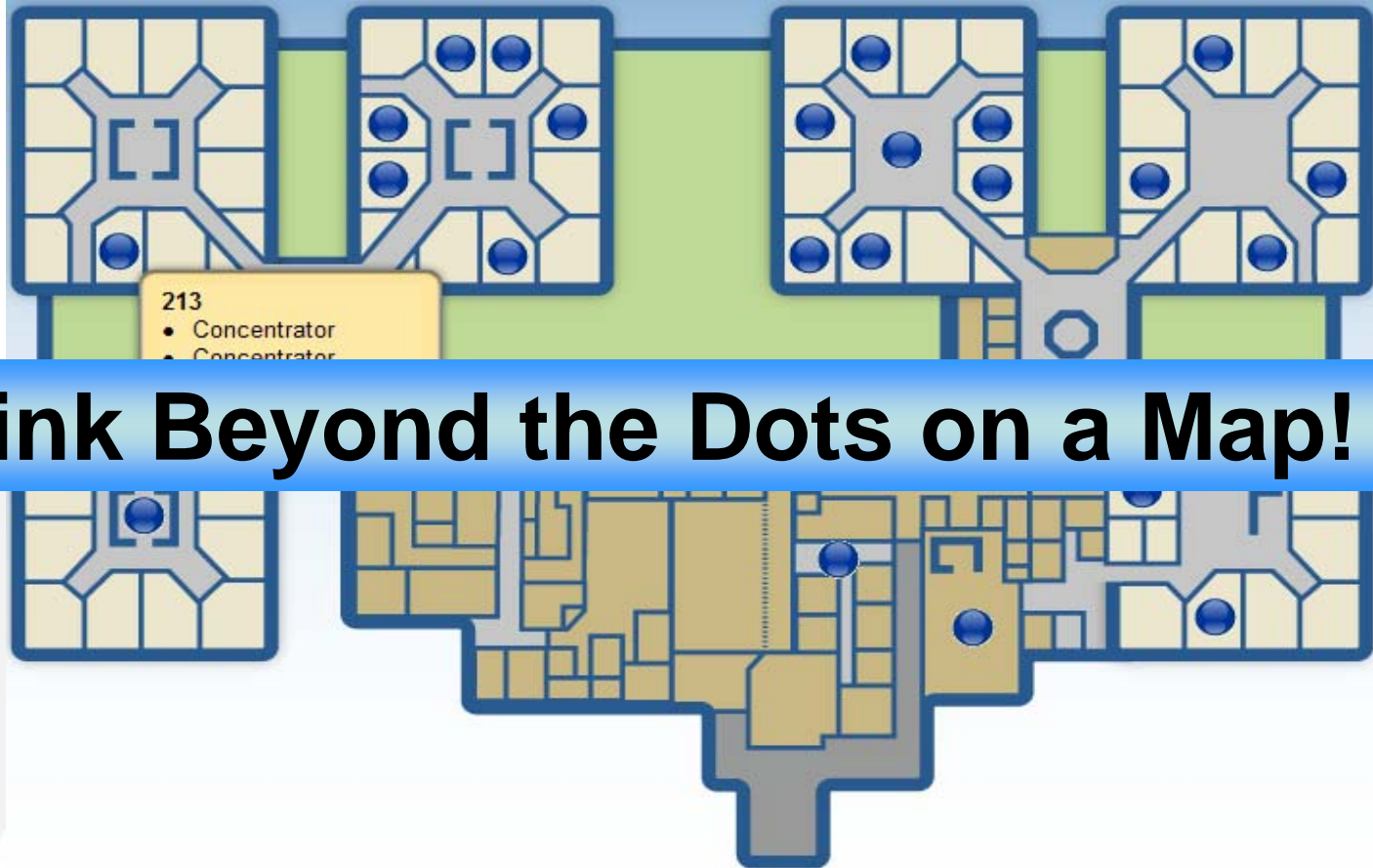
Accelerate
Elevate
Orchestrate

RF-Enable Patient and Asset Tracking to Improve Communication, Coordination, and Workflow

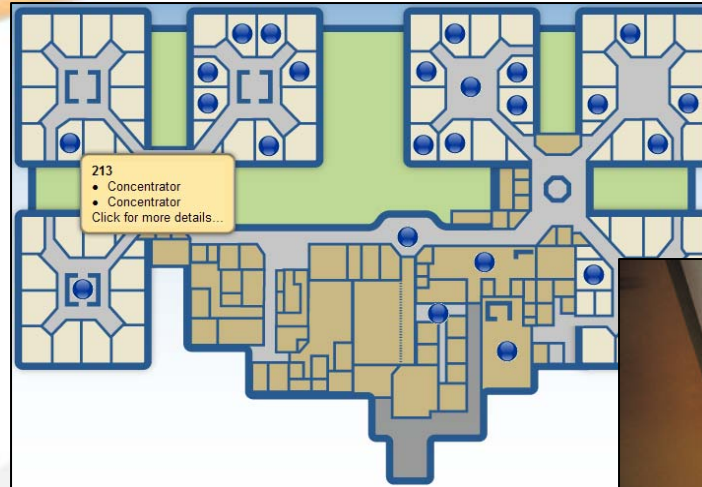
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- Identify critical needs beyond locating
- Define automatic workflow intelligence
- Discuss how needs affect technology choices
- Describe various wireless locating technologies
- Analyze criteria for determining which technologies best meet different needs
- Apply these criteria to real-life scenarios



Location

Movement

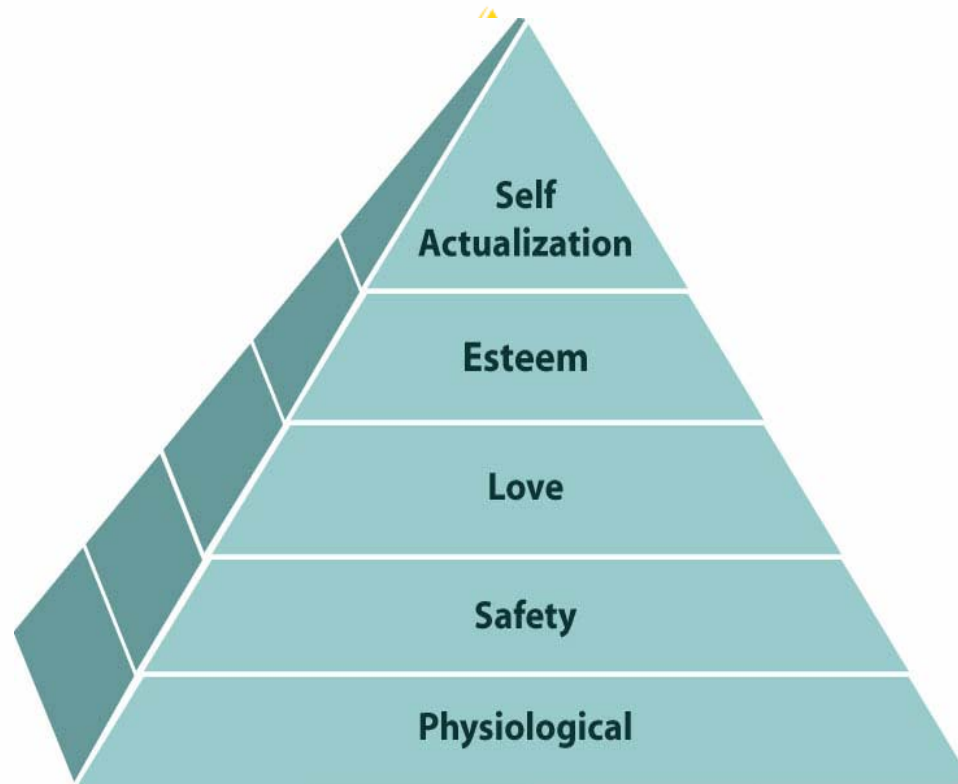


Interaction



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We All Have Needs



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Locating Lays the Foundation

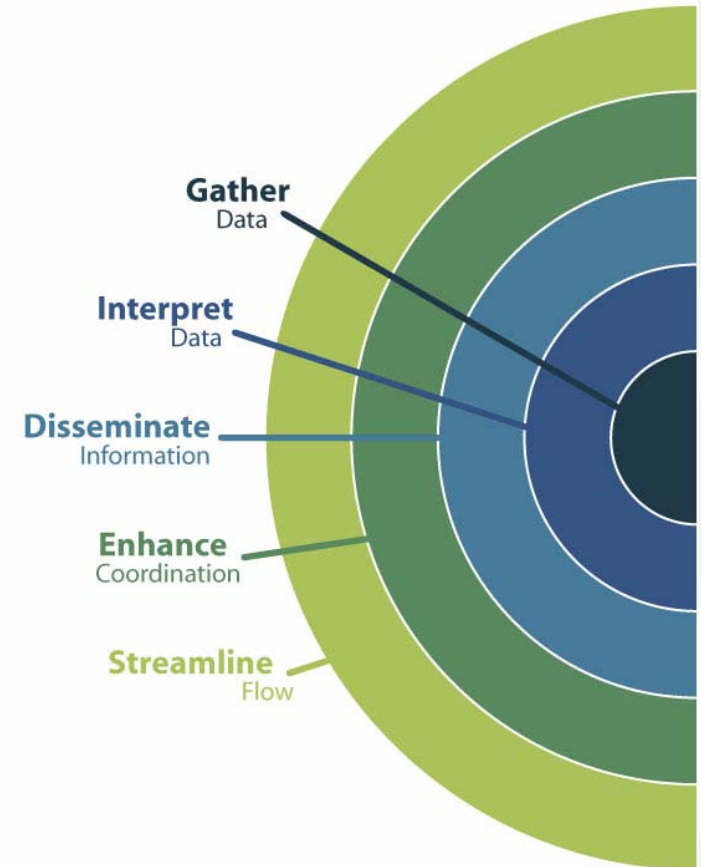


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- **Advanced technologies** and deep **business process knowledge** transform basic locating into automatic tracking.
- An **automatic workflow intelligence system** orchestrates knowledge and processes with minimal manual intervention, thereby freeing staff to do their real jobs: caring for patients.



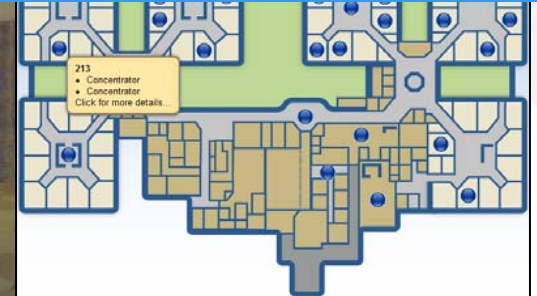
- Find what you need when you need it
- Disseminate actionable information to the right people when, where, and how they need it
- Reduce needless, time-consuming pages and phone calls
- Enhance the quality of patient care
- Decrease length of stay
- Increase throughput
- Improve patient satisfaction
- Improve staff satisfaction

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Closing the Loop . . .



Needs + Environment = Technology



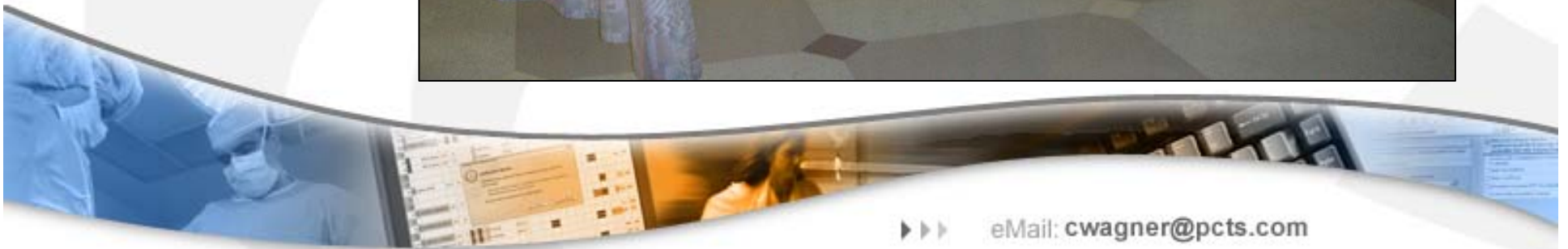
Exclusive Read	Signal Strength	Signal Timing	Angle of Arrival
Passive RFID	Active RFID	UWB (1)	
IR/RF Combination Technology		UWB (2)	
Infrared	802.11 (WiFi)		
Barcodes	Bluetooth		
Sonic	Zigbee		

- Precision
- Accuracy
- Latency
- Scalability
- Coverage
- Reliability
- System Topology



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The Case for High Precision and Low Latency



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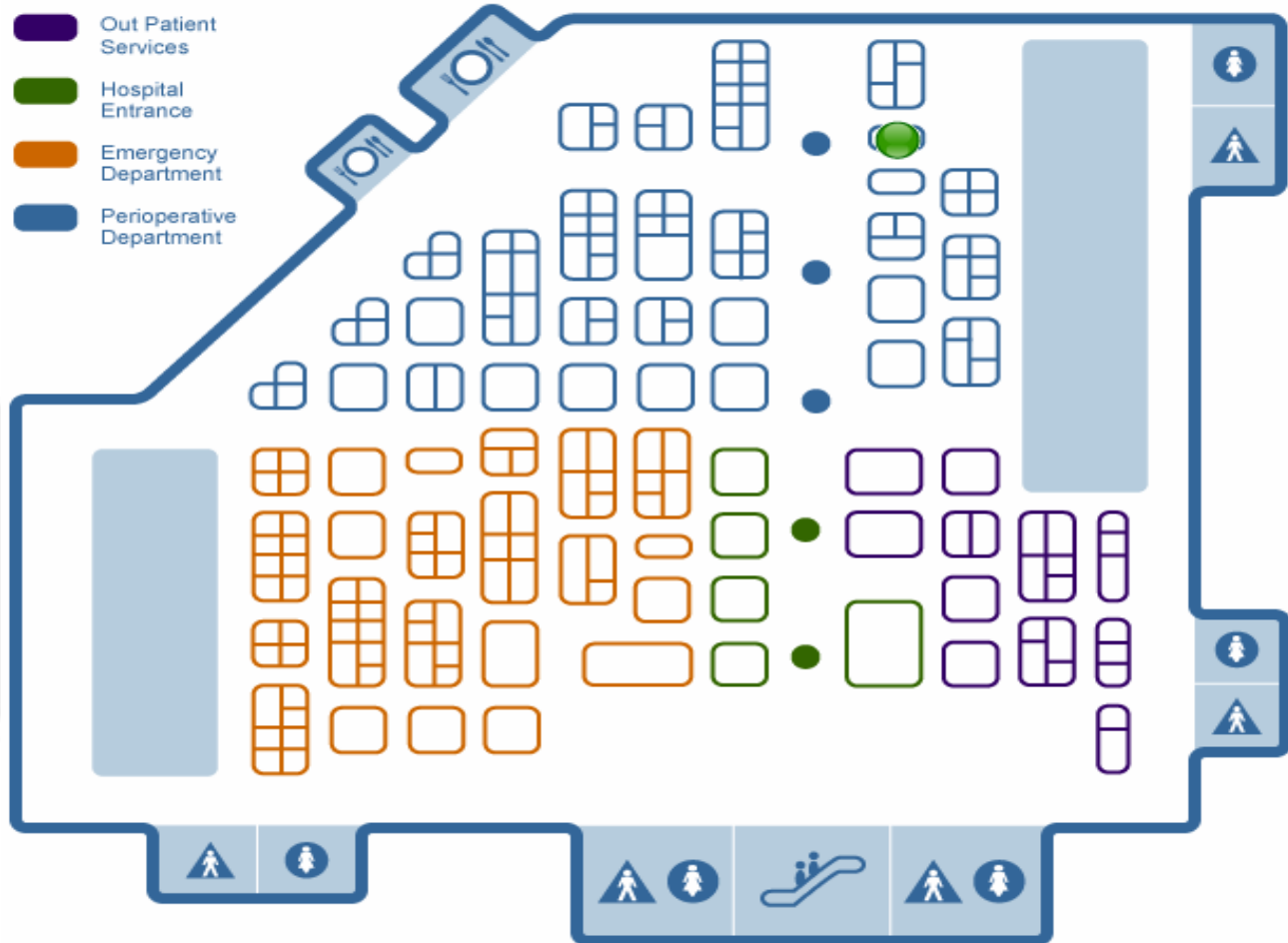
Moderate Precision and Moderate Latency



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Low Precision and High Latency



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Thank You! Questions?

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