Internet of Things
Past,Present and Future

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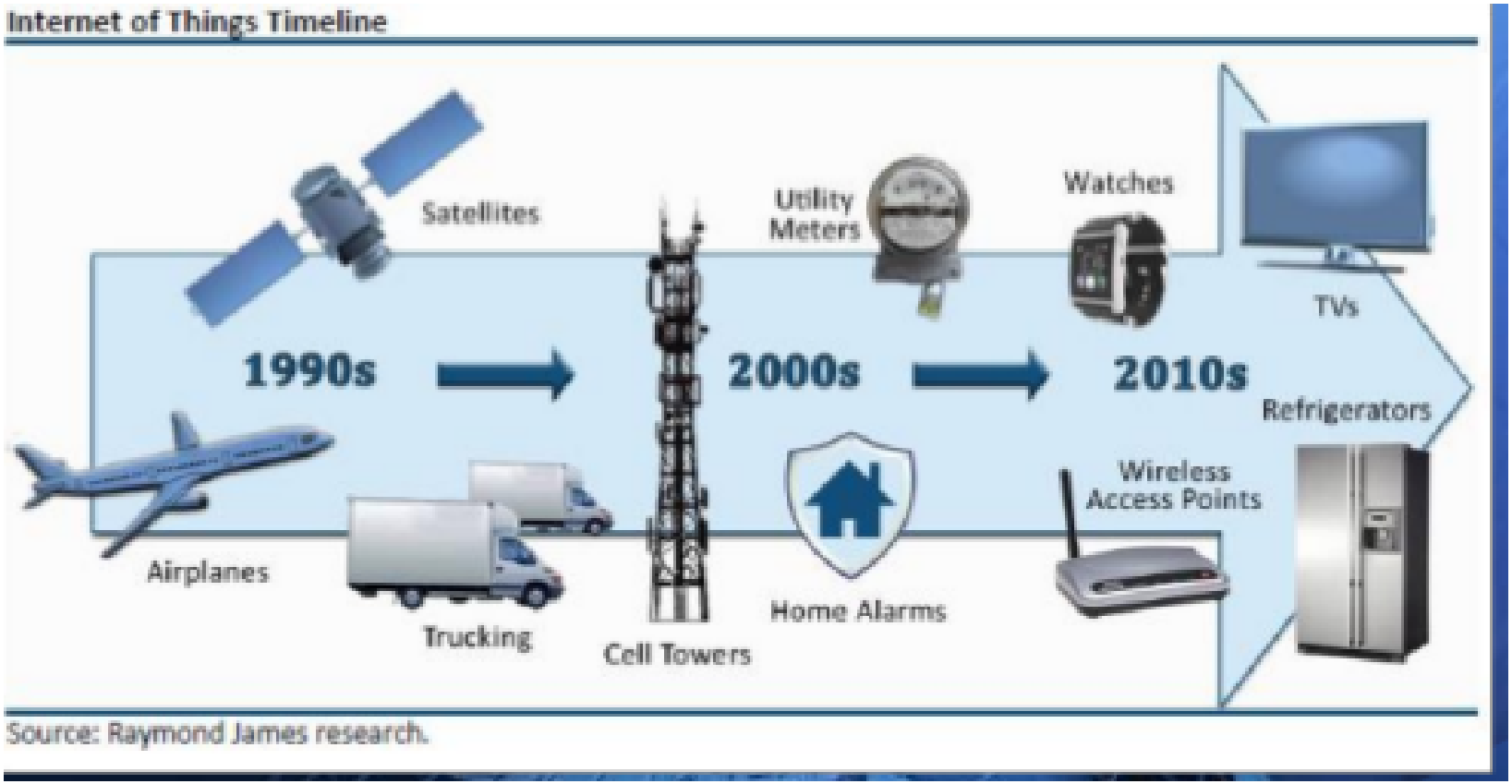
Growth of Information Technology

Outline of growth in computing.

Where we are and what next ?

- Current internet is people centric.
- The next logical step is to extend internet to things around us.

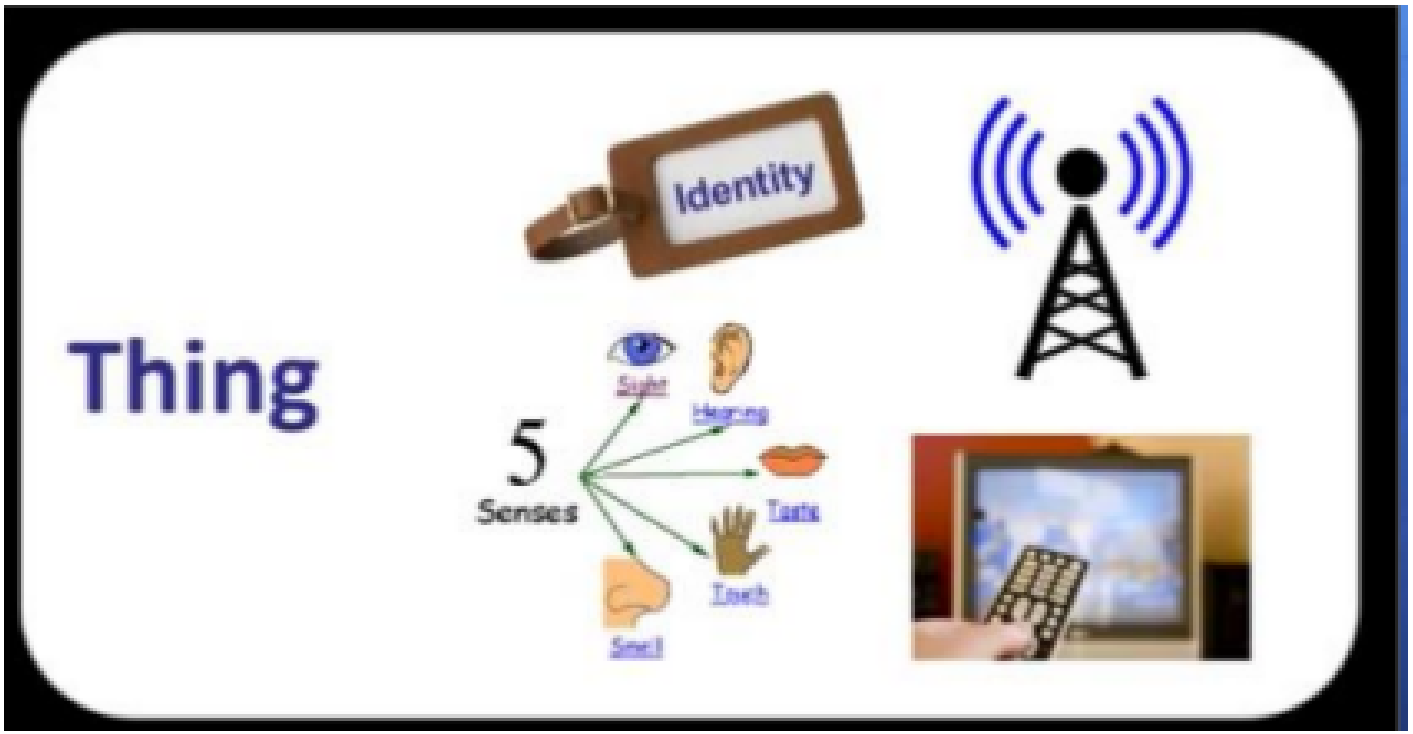
Where we are: The interconnected World



Where we are: The cloud

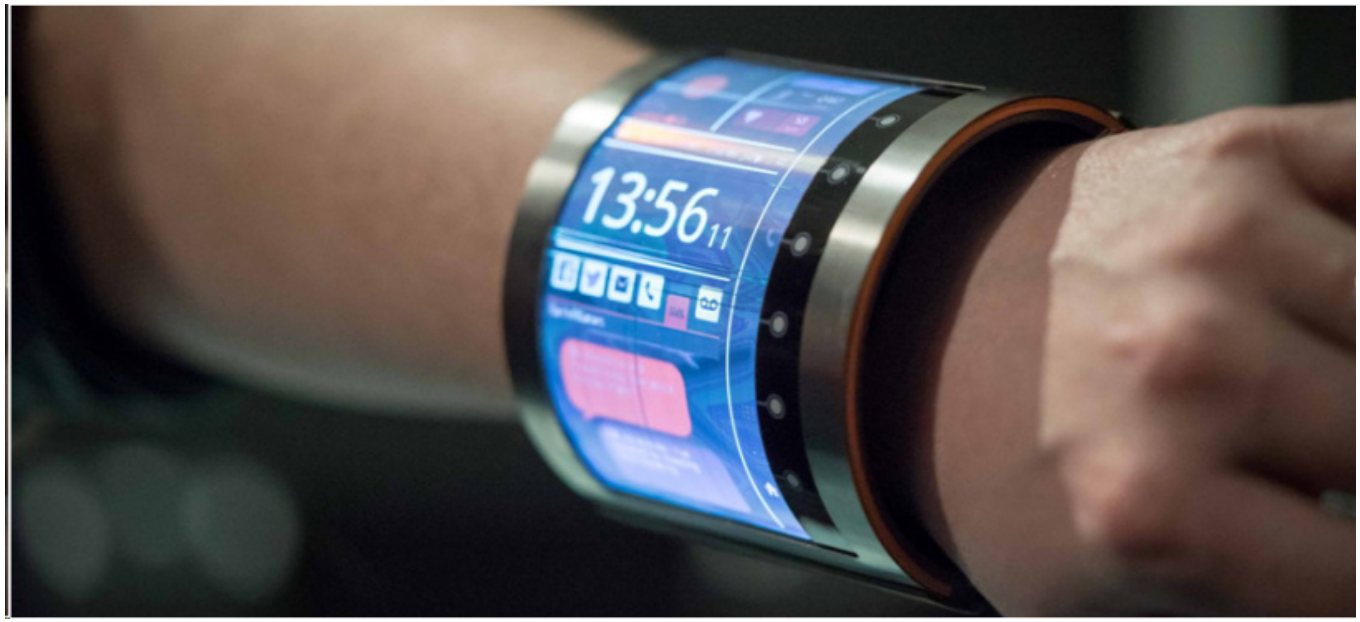
What next: Things

What is a Thing



What we will do with IOT

- Monitor things

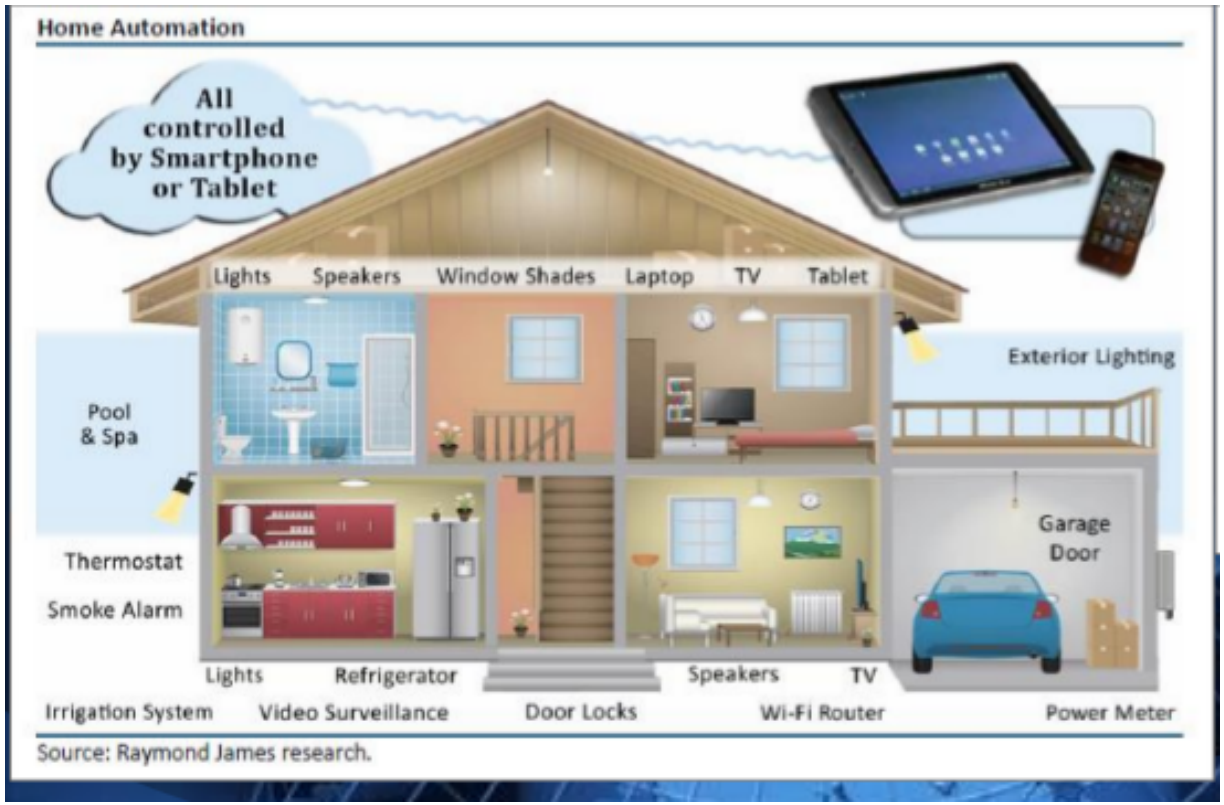


What we will do with IOT

- Search for things

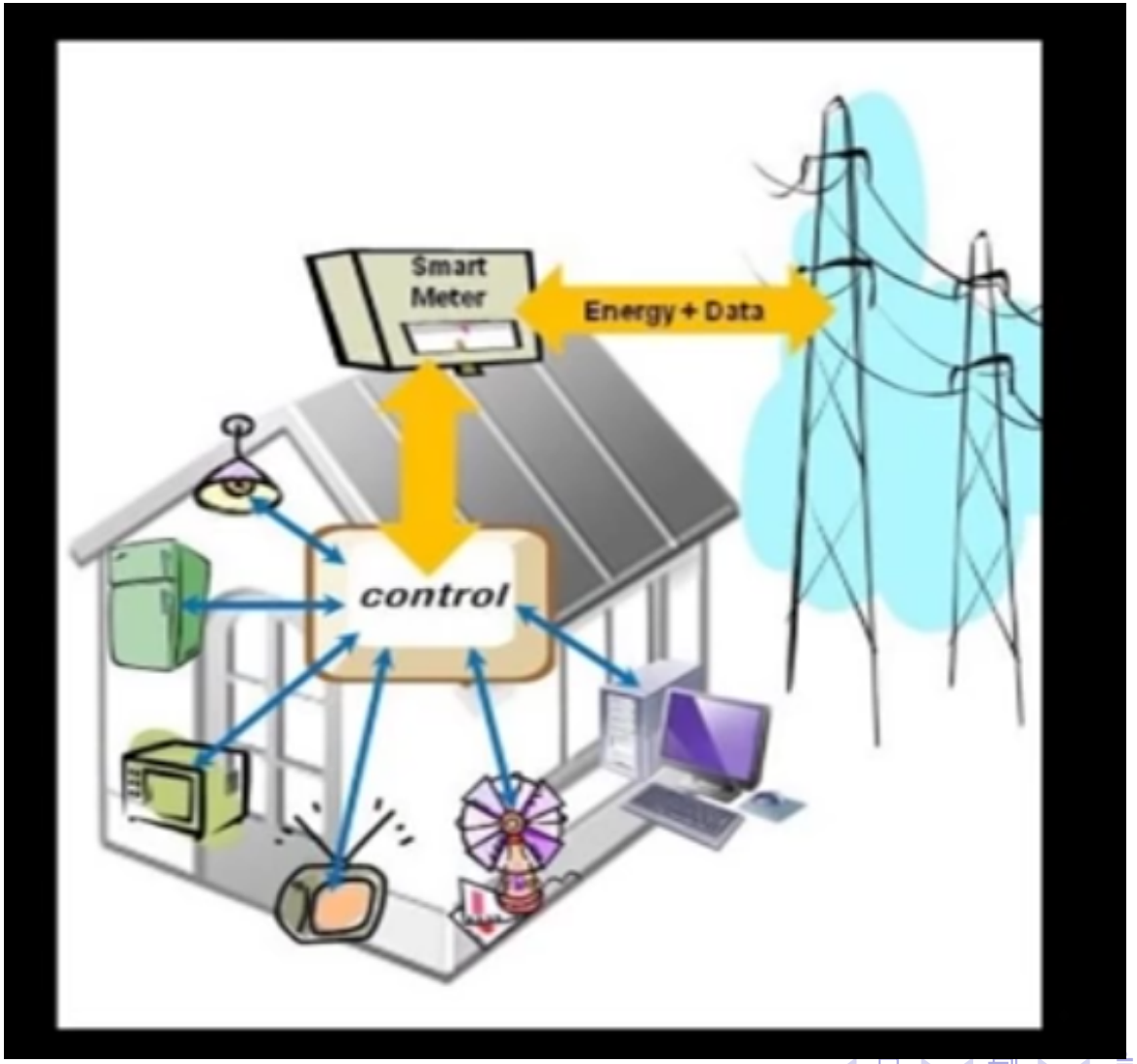
What we will do with IOT

- Manage things



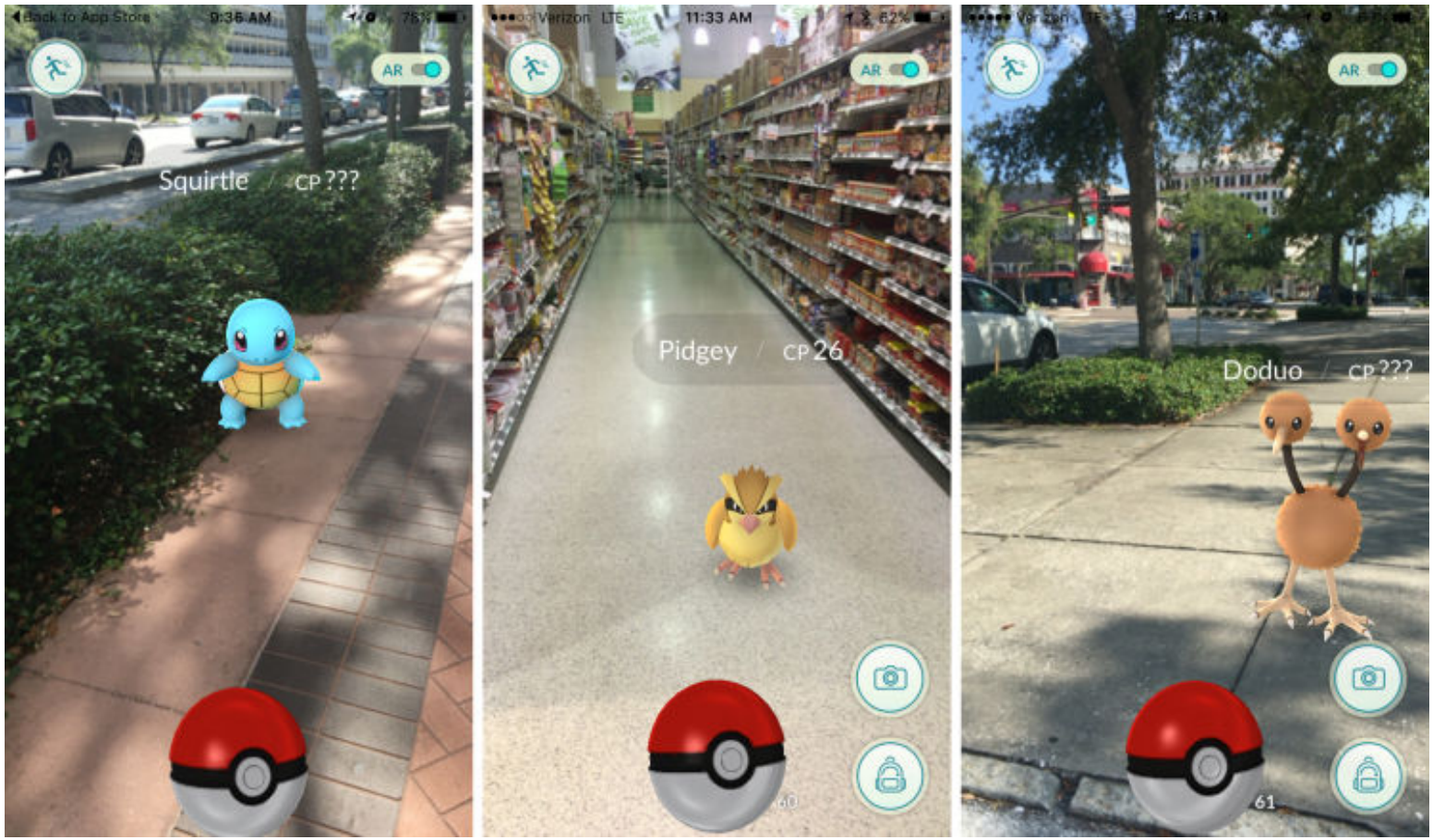
What we will do with IOT

- Control things



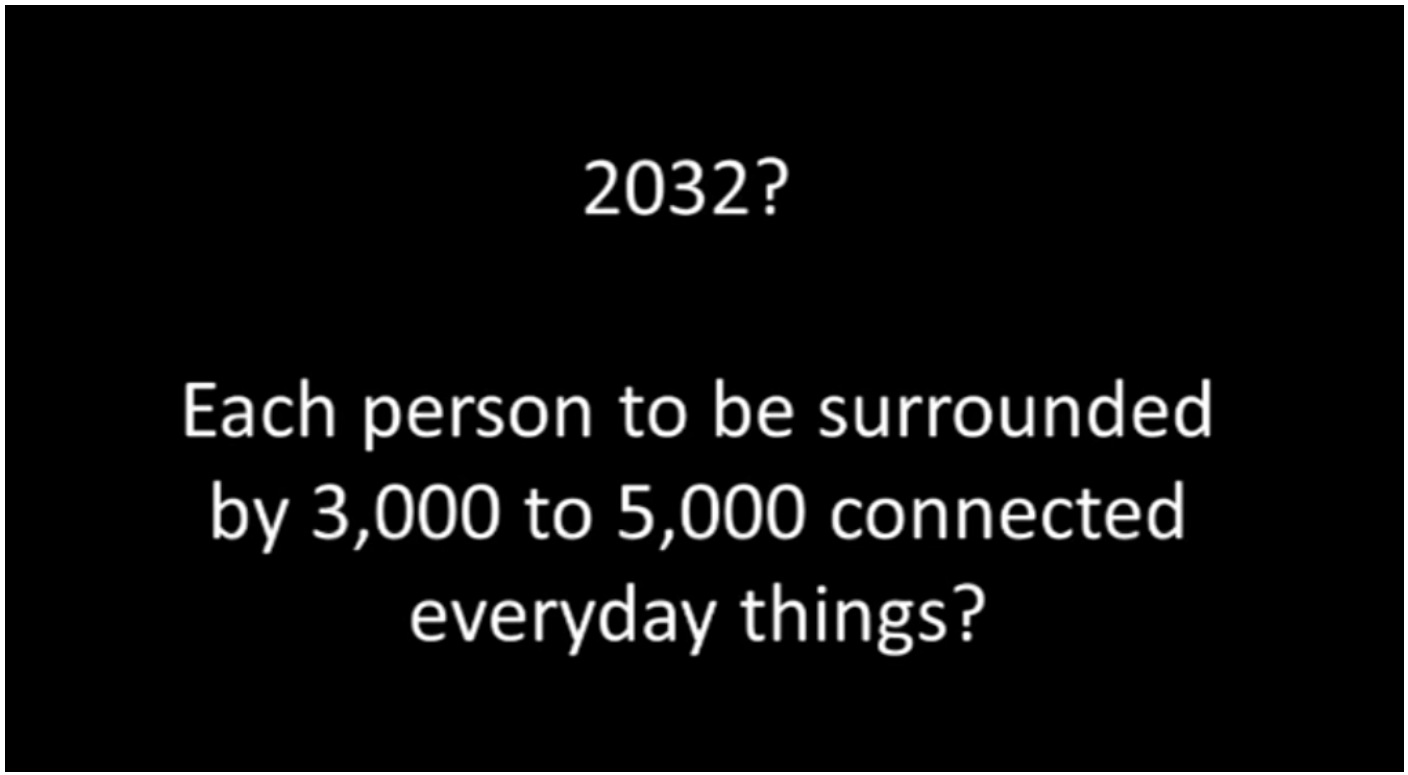
What we will do with IOT

- Play with things



You are doomed

- Animal farm, Utopia or 1984



So

The Looming Opportunity: Internet of Things
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Consumer
• Smart home control (lighting, security, comfort)
• Optimized energy use
• Maintenance
Retail
• Product tracking
• Inventory control
• Focused marketing
Medical
• Wearable devices
• Implanted devices
• Telehealth services
Military
• Resource allocation
• Threat analysis
• Troop monitoring
Industrial
• SmartMeters
• Wear-out sensing
• Manufacturing control
• Climate control
Automotive
• Parking
• Traffic flow
• Anti-theft location
Environmental
• Species tracking
• Weather prediction
• Resource management
Agriculture
• Crop management
• Soil analysis
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The Big Picture

Source: Cisco IBSG, April 2011

What we should do ?

Thank you