



Projects

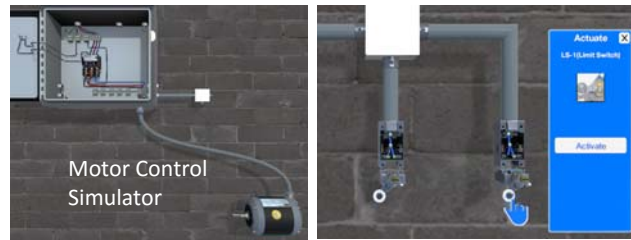


NFPA
CMP-16

Energy Storage and Microgrid

ESAM-TAC

Training and Certification



IoT, IIoT, PoE and Smart Cities

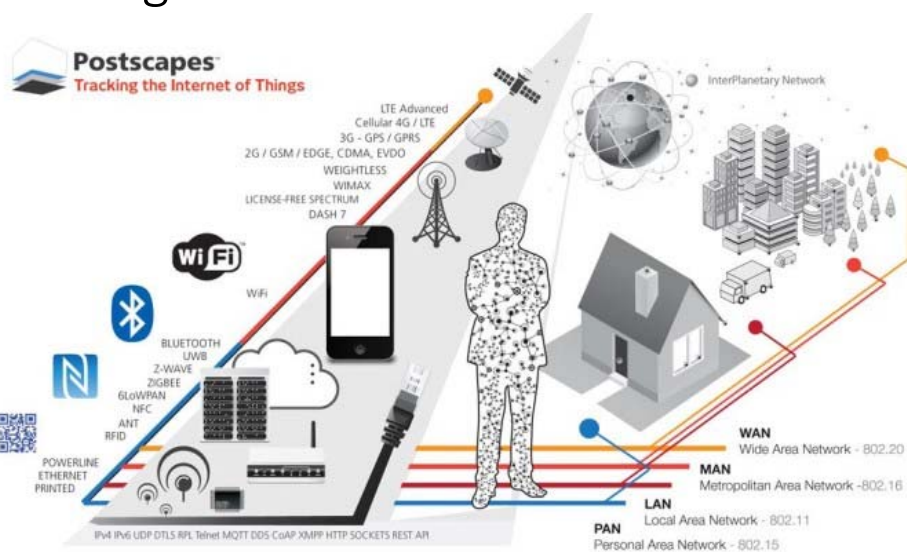


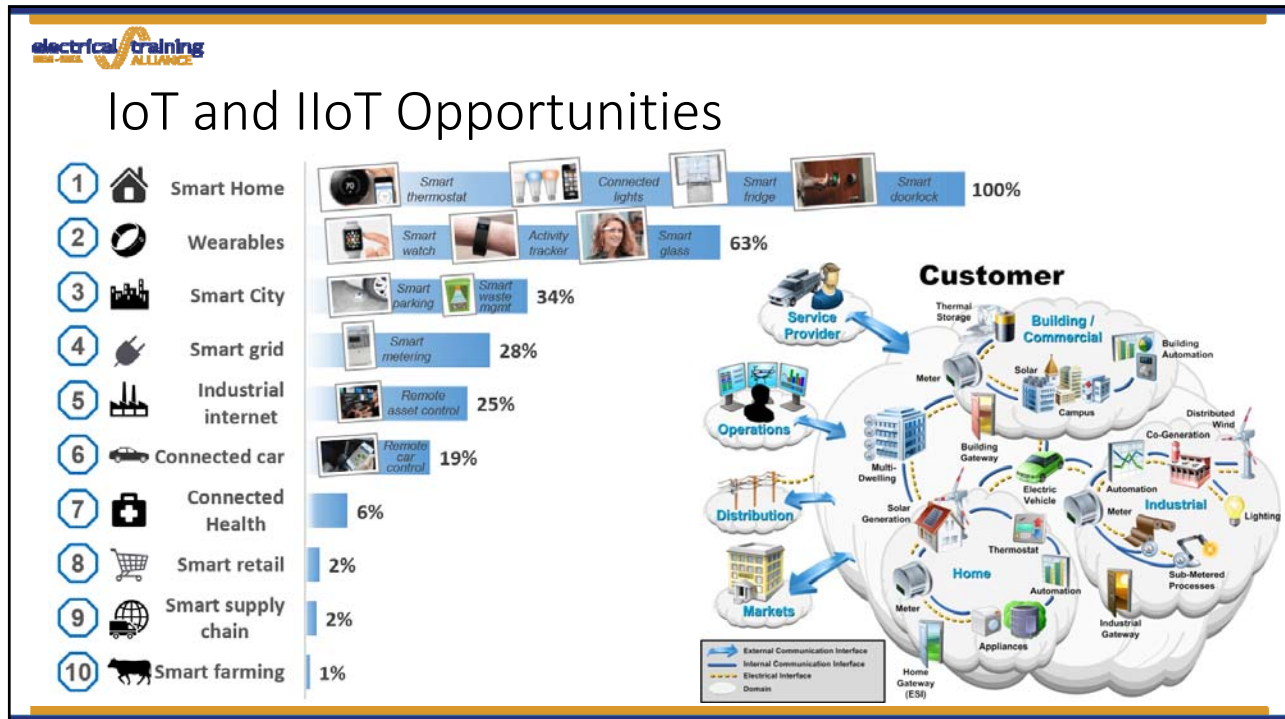
Terry C Coleman, Director

The key technologies enabling Smart are:

- Internet of Things
- Network Technology-Wired and Wireless
- Big Data, Analytics and Context Awareness

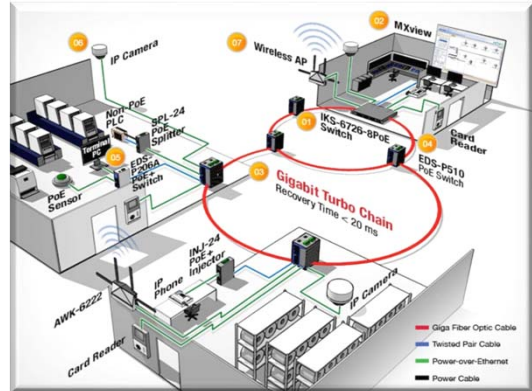
How Things Will Connect





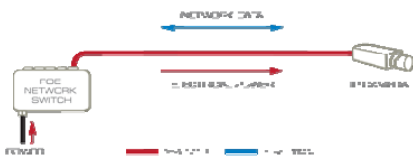
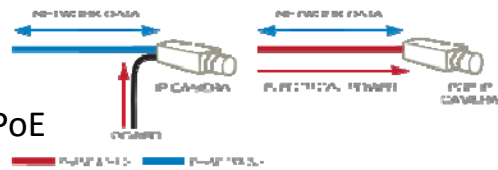
Power over Ethernet

- The root drivers of change in the built environment
 - Reduction of Energy Consumption
 - LED Lighting
 - Power over Ethernet (PoE)
 - Powering the IoT

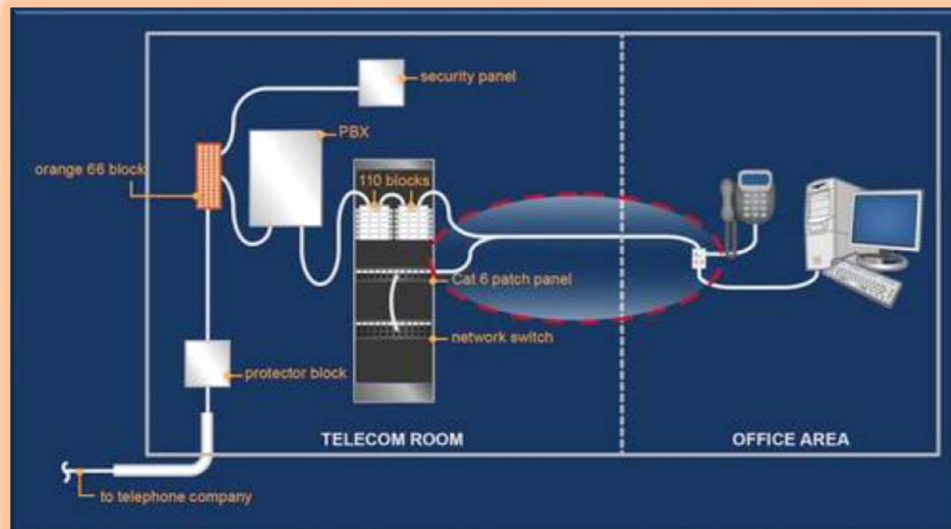


PoE – Powering Things...

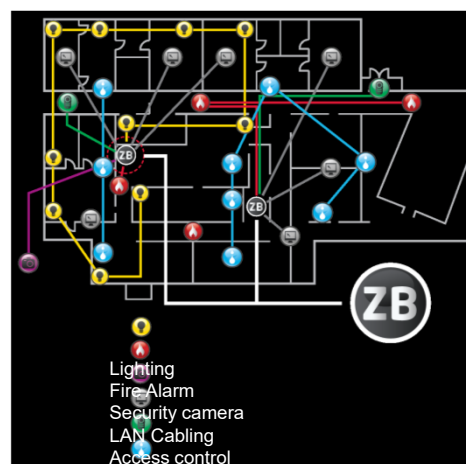
- “Base” Curriculum Available for IoT and PoE
 - Structured Cabling
 - Local Area Networking
 - Fiber Optics
 - Building Automation
 - Lighting



PoE and the NEC – Article 800 or 725



Both Disruption and Opportunity



The IBEW/NECA Team the IoT System Integrator