

The Internet of Things (IoT) in the USA

iot-2013-00004

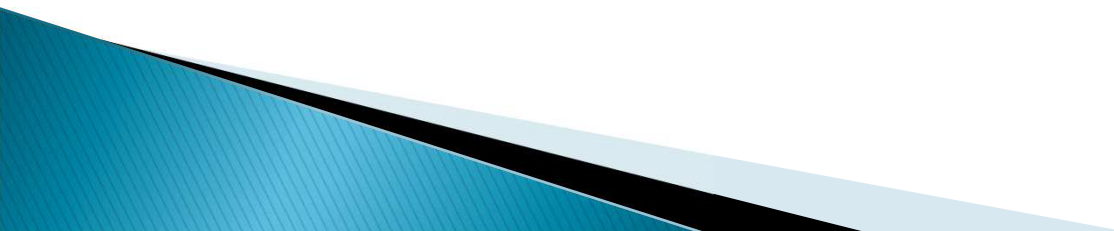
Developed by
The US TAG
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What is IoT?

- ▶ There are many definitions

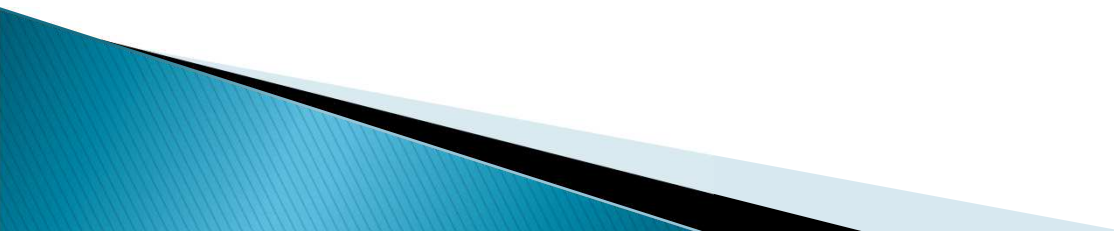
Definition (from AIM)

The Internet of Things (IoT) is a global network infrastructure, linking physical and virtual objects through the use of interoperable data capture and communication methods. Standards-based object identification, sensor and connection capability provide for the development of independent cooperative services and applications characterized by a user-defined degree of autonomy.

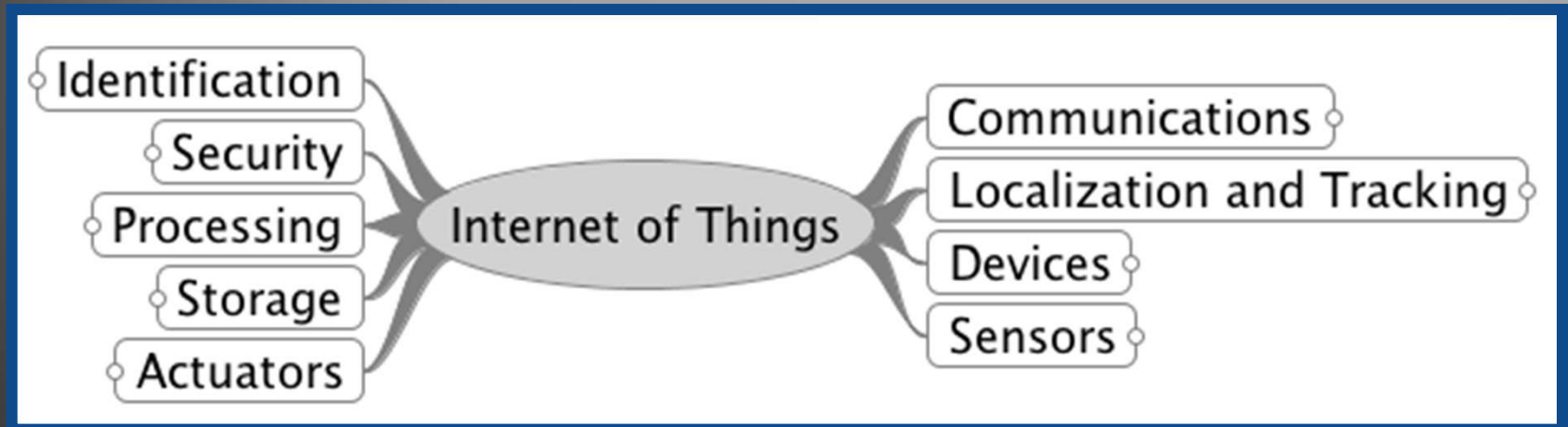


What is IoT?

Simply put, it's physical items (things) communicating with each other through a network (Internet) without human involvement.



Internet of Things Reaches Out to Touch Everything, Everywhere



Where is IoT?

Transportation

Customer Service

Business Process

Retail

Inventory/Replenishment

Food Chain

Social

Health & Safety

Scientific

Environmental

Retail Experience

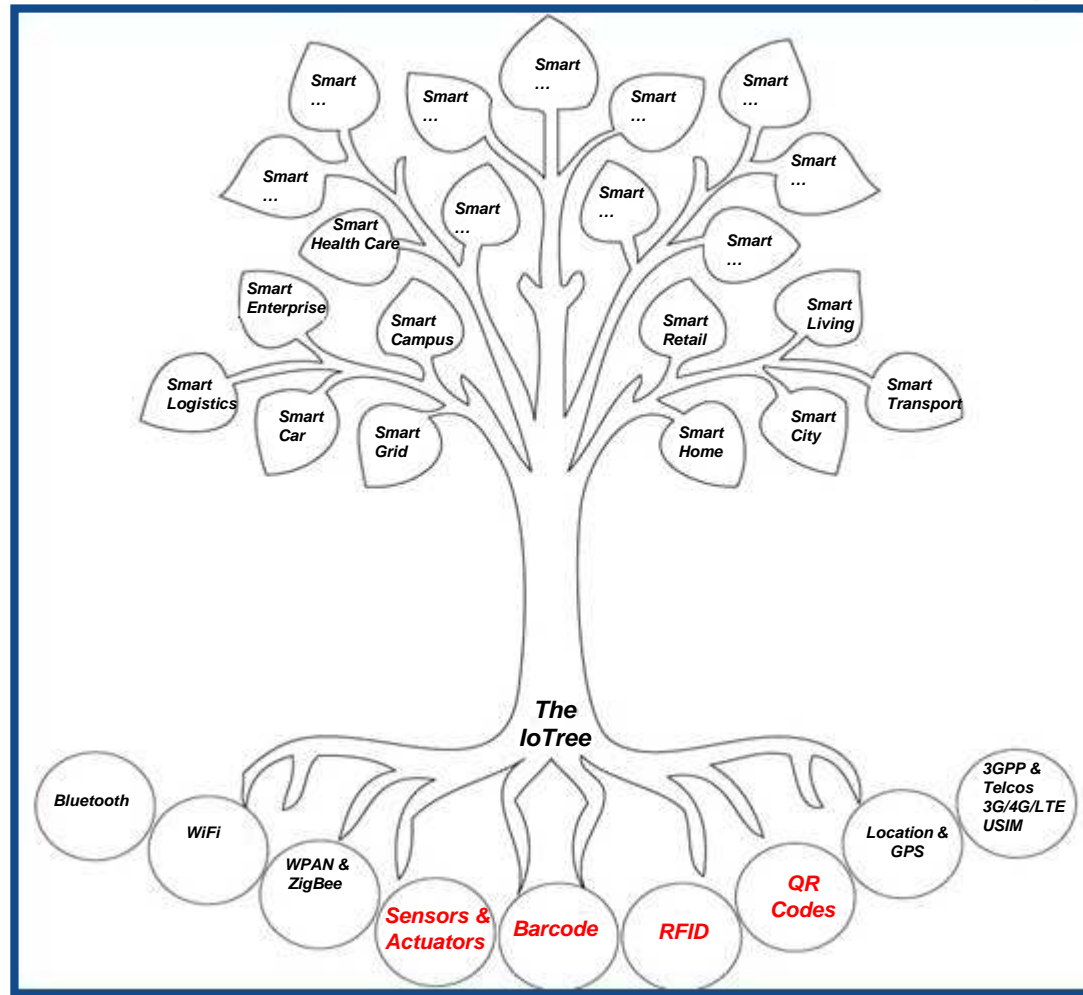
Personal Experience

Building Automation

Agriculture

Red font indicates areas of expertise of AIM members.

IoT Covers Many Technologies



*Items in RED show
AIM's interest area*

A Simple Bar Code Can Be IOT



Information Available:

- ▶ Web Site (public site):
http://www.aimglobal.org/?page=iot_committee
- ▶ White Papers (published):
 - Healthcare
 - Department of Defense
 - Social IoT

Information Available:

- ▶ Work in progress at AIM
- ▶ White Papers (in process):
 - Smart Homes
 - Smart Grid
 - Education and IoT
 - IoT and Manufacturing
 - IoT and Automotive
- ▶ Case Study Matrix
 - Applications of IoT