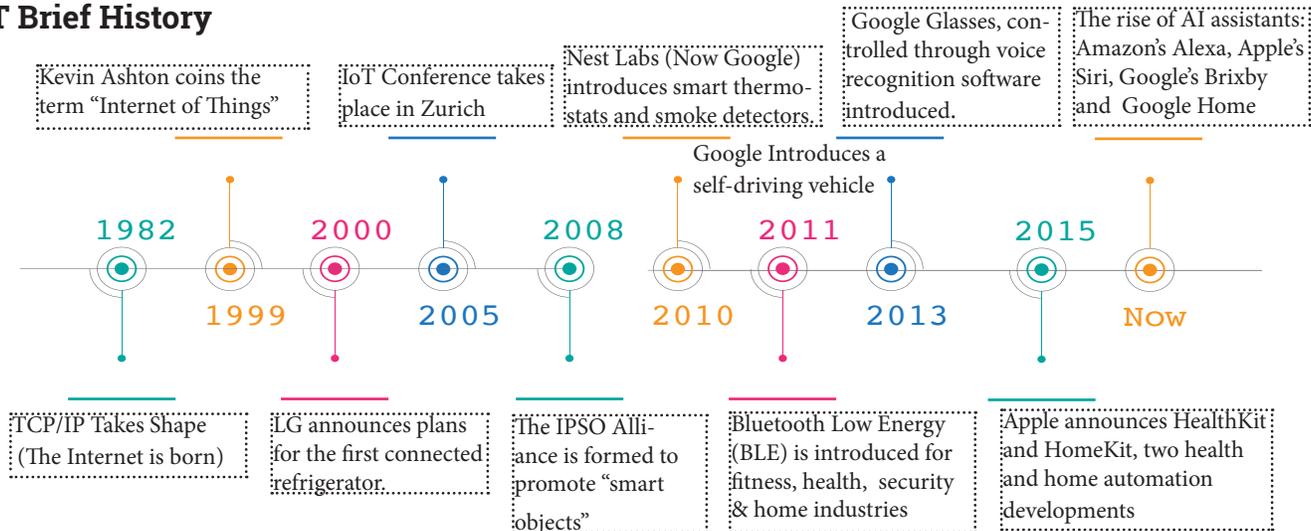


Internet of Everything

Internet of Things (IoT) is a term used to describe the network connecting objects in the physical world to the internet. **Internet of Everything (IoE)** brings together people, process, data, and things to make networked connections more relevant and valuable than ever before.

IoT Brief History



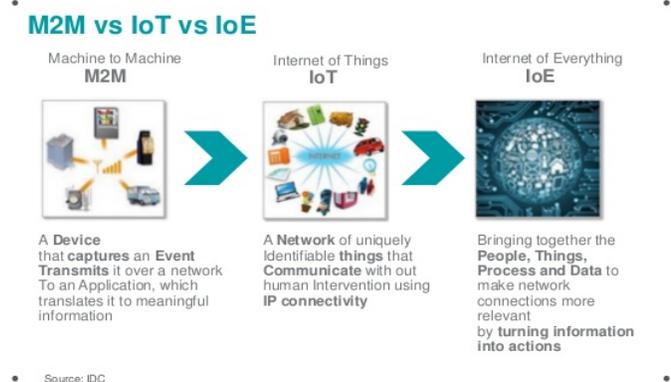
Summary of Literature

Internet of Things (IoT) vs. Internet of Everything (IoE)

IoE can best be described as the big umbrella that encompasses IoT.

All smart things are part of the IoE. Smart devices, such as mobile phones, help form an intelligent network that can be controlled or accessed online under the IoE umbrella.

Throughout all of the readings and research, one recurring notion is that the Internet of Things has the potential to dramatically improve the lives of people and organizations through richer experiences, and unprecedented economic opportunity for businesses, individuals, and countries.



Pros & Cons of IoT & IoE

Pro:

- Convenience
- Increase the quality of life; health & fitness
- Efficiency & Improved productivity

Con:

- Automation of Jobs
- Security Questions
- Privacy; Cameras
- Incompatibility
- Data transfers & storage

8.4 Billion

Connected "things" by 2017 according to Gartner (American IT research and advisory firm)

20.4 Billion

Connected Things by 2020.

\$2 Trillion Dollars

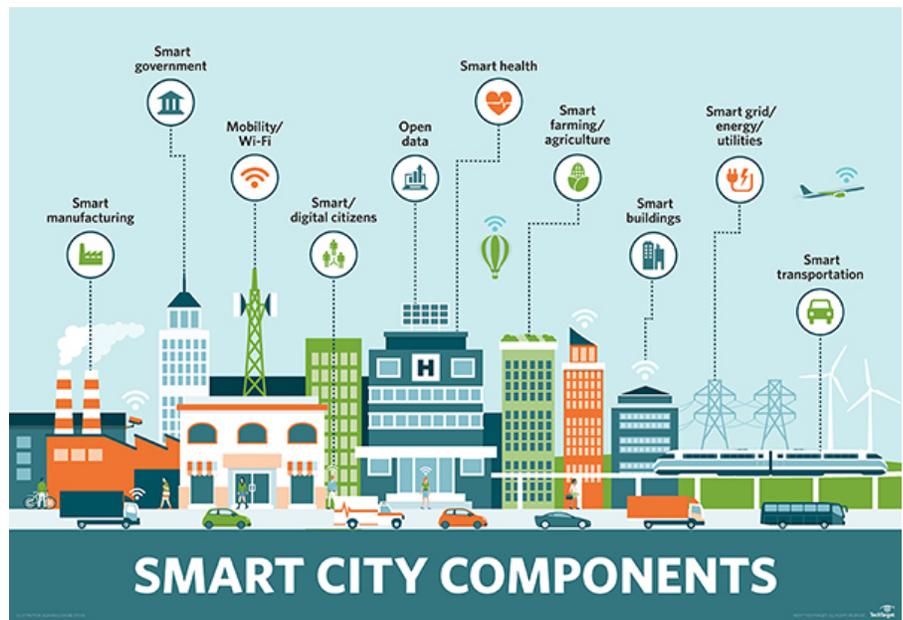
Total spending on endpoints and services

Smart City Information Management Jobs

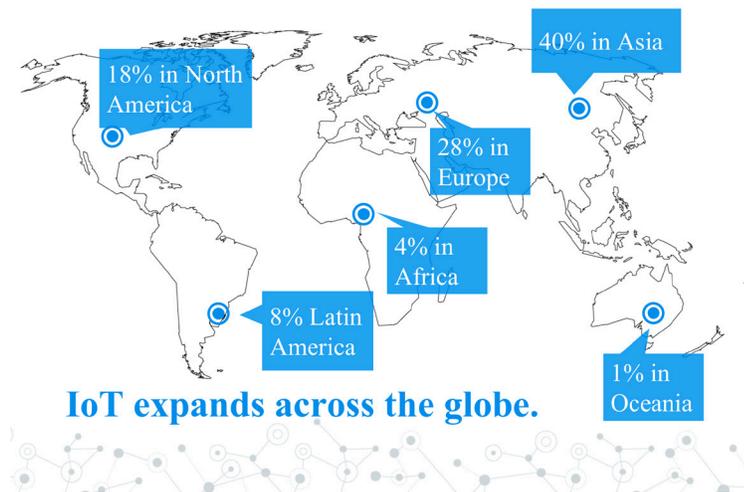
- Big Data Analytics
- Information Governance (RIM)
- Project Management
- UI/UX Designer

Top IM Skill Sets in IoT & IoE

1. Technology and Business Management
2. Big data and analytics
3. Information Security
4. Hardware and Software Development & Networking



What's Next? Growth %



Smart City Challenges

- Time & Money
- Designing a comprehensive Information System
- Open democratized data
- Data privacy
- Surveillance, Cameras

Smart Trends Making IoT Better

- Voice AI Assistants
- Ubiquity of Wi-Fi access
- Web 3.0
- RFID (Radio Frequency Identification), replacing the bar code. Electromagnetic spectrum to uniquely identify an object, animal, or person
- Smart Home
- Smart City

Question 1

Is it likely that attacks, hacks or ransomware concerns in the next decade will cause significant numbers of people to decide to disconnect from the web?

Question 2

How do we address security and privacy in an even more connected world?

Question 3

What IM management practices can you implement to help grow IoT in an organization or business?