

itmWEB Group LLC



TECH RANCH

Russ Finney

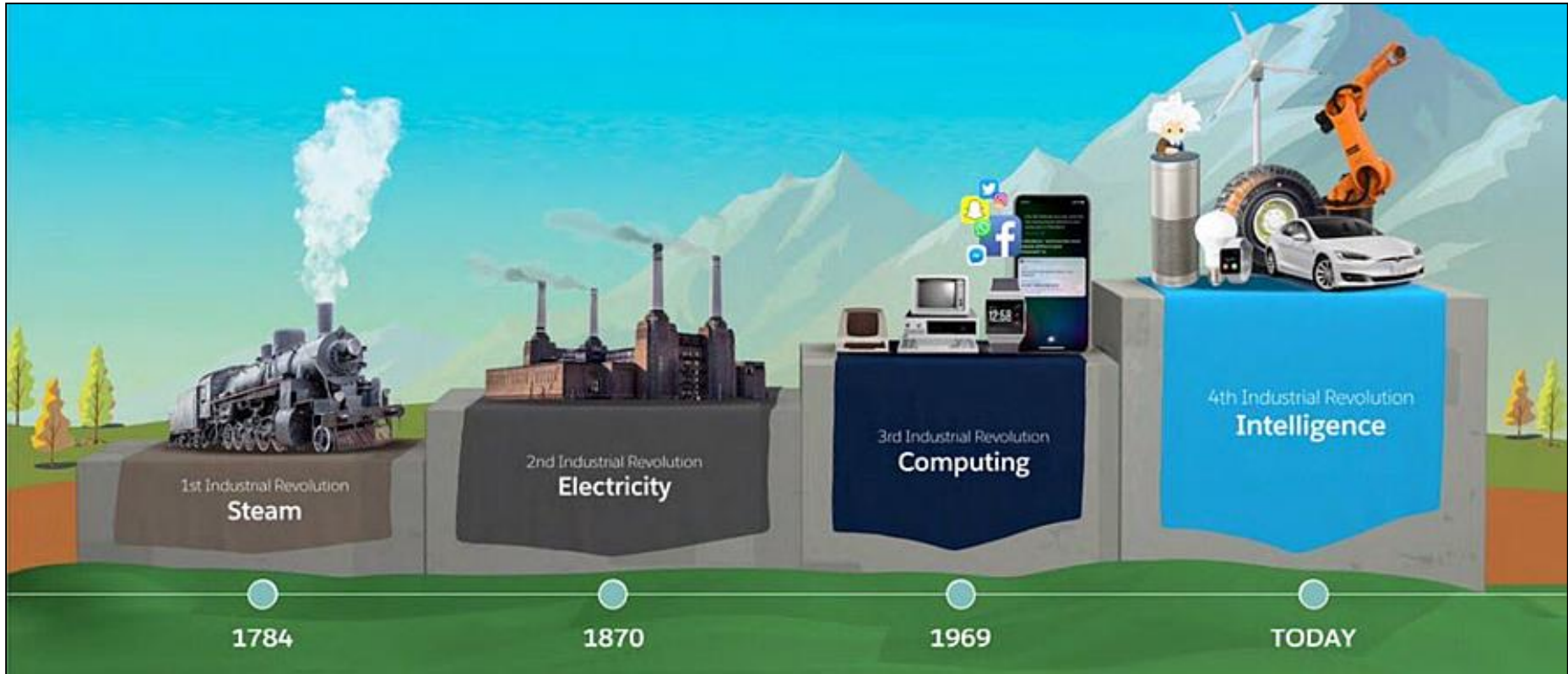
Advisory Partner & Researcher

The 4th Industrial Revolution:

What kind of questions arise to U.S.A. business leaders and is it possible to answer them?



4th Industrial Revolution



4th Industrial Revolution – Technology Pillars



- 3D Printing
- Robotics
- Artificial Intelligence
- RPA: Robotic Process Automation

- Big Data
- Predictive Analytics

- IoT: Internet of Things
- Sensing
- Actuation

- Universal Connectivity
- Global Supply Chains
- FinTech: Blockchain
- 5G Internet

- Massive Data Storage
- Virtual Machines
- Computer Processing Power

4th Industrial Revolution – Business Questions

Do we have the **visionary leadership** to help us to make the correct choices?

Is it time to change our **business model**?

Do we have the **people** who can deploy the newest technologies?

How do we minimize the **risk** for this type of transformation?

How much are we going to **invest** to keep up with the competition?

How do we know which **technologies** are best for our unique business?

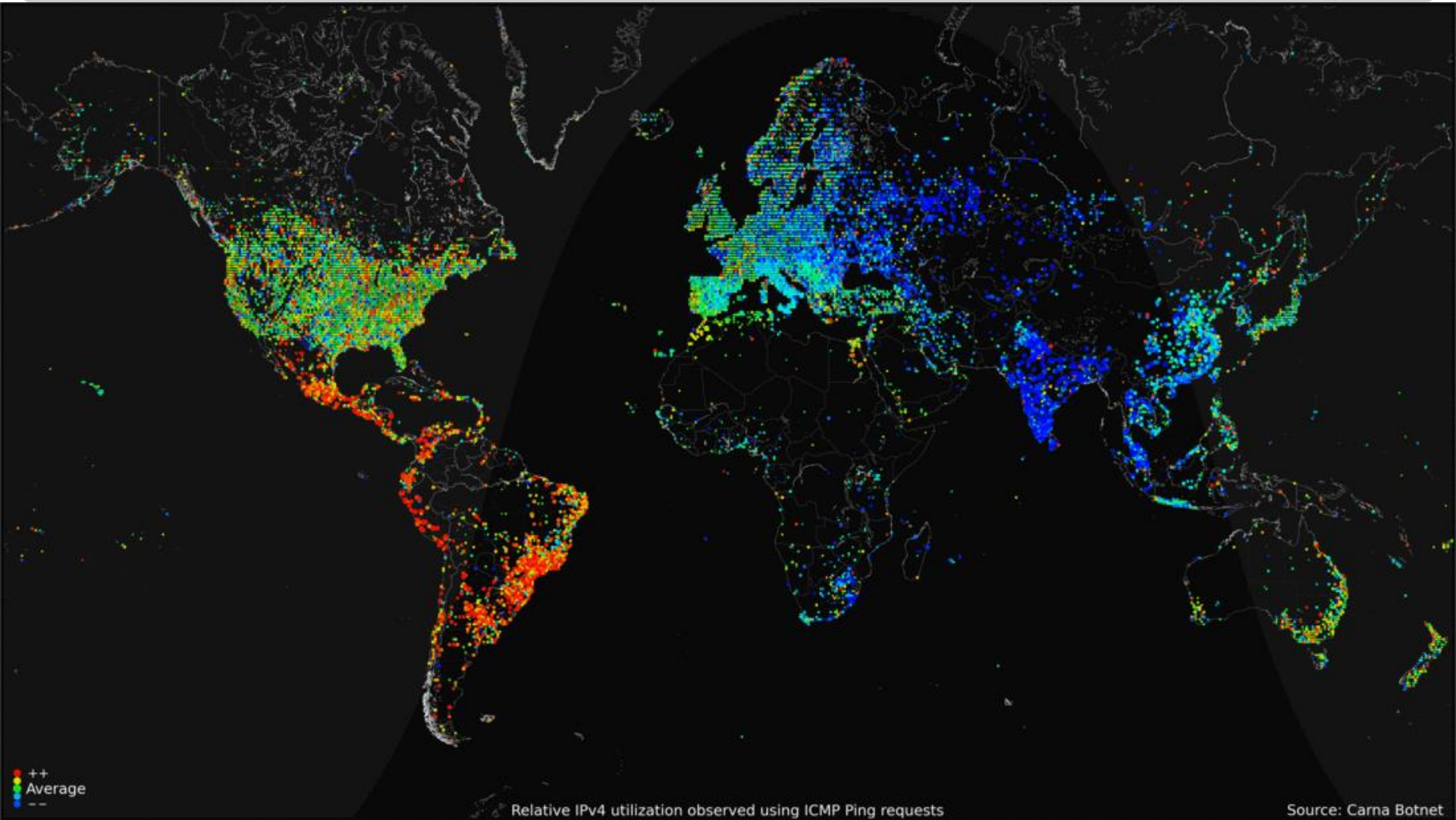
Who should be our business and vendor **partners** for this change?



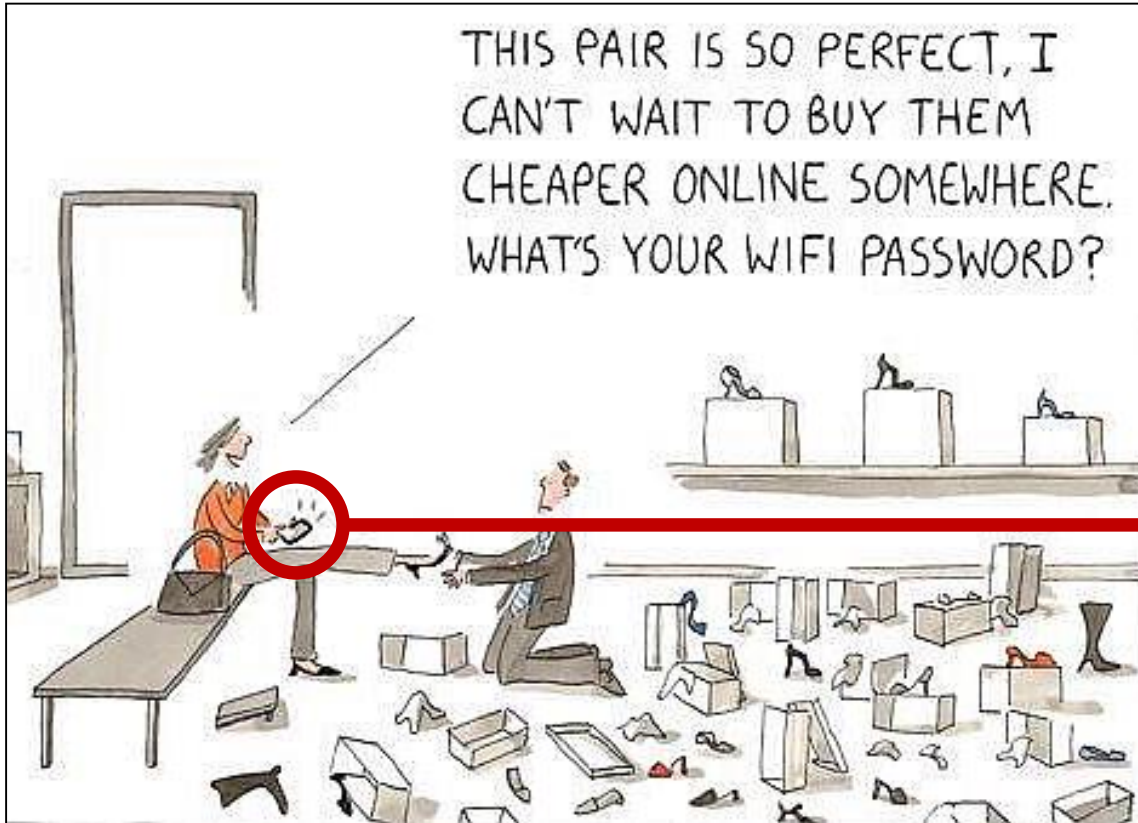
4th Industrial Revolution – Governmental Questions



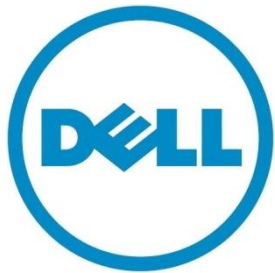
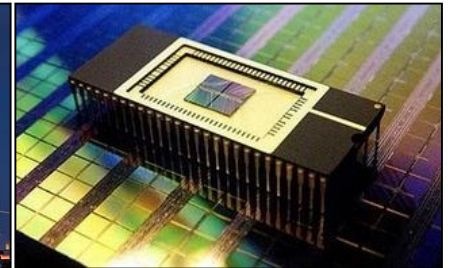
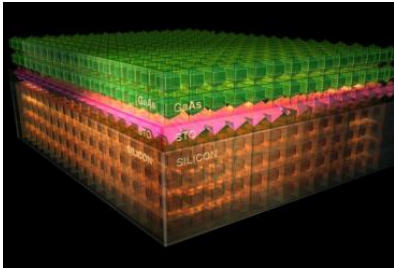
4th Industrial Revolution – Based on Connectedness



4th Industrial Revolution – Based on Accessibility & Trust



4th Industrial Revolution – Based on Specialization



4th Industrial Revolution – Based on Core Skills



35% of core skills will change between 2015 and 2020

Disruption across countries and industries

43% Financial Services & Investors
 42% Basic & Infrastructure
 39% Mobility

35% Information & Communication Technology
 33% Professional Services
 30% Energy
 30% Consumer
 29% Health
 27% Media, Entertainment & Information

48% Italy
 42% India
 41% China
 41% Turkey
 39% South Africa
 39% Germany
 38% France
 37% Mexico

31% Brazil
 29% United States
 28% United Kingdom
 27% Australia
 25% Japan
 21% Gulf Cooperation Council
 19% ASEAN

average
 disruption

Source: Future of Jobs Report, World Economic Forum

4th Industrial Revolution – Based on Education

Bachelor's Degree



Master's Degree



Professional Degree

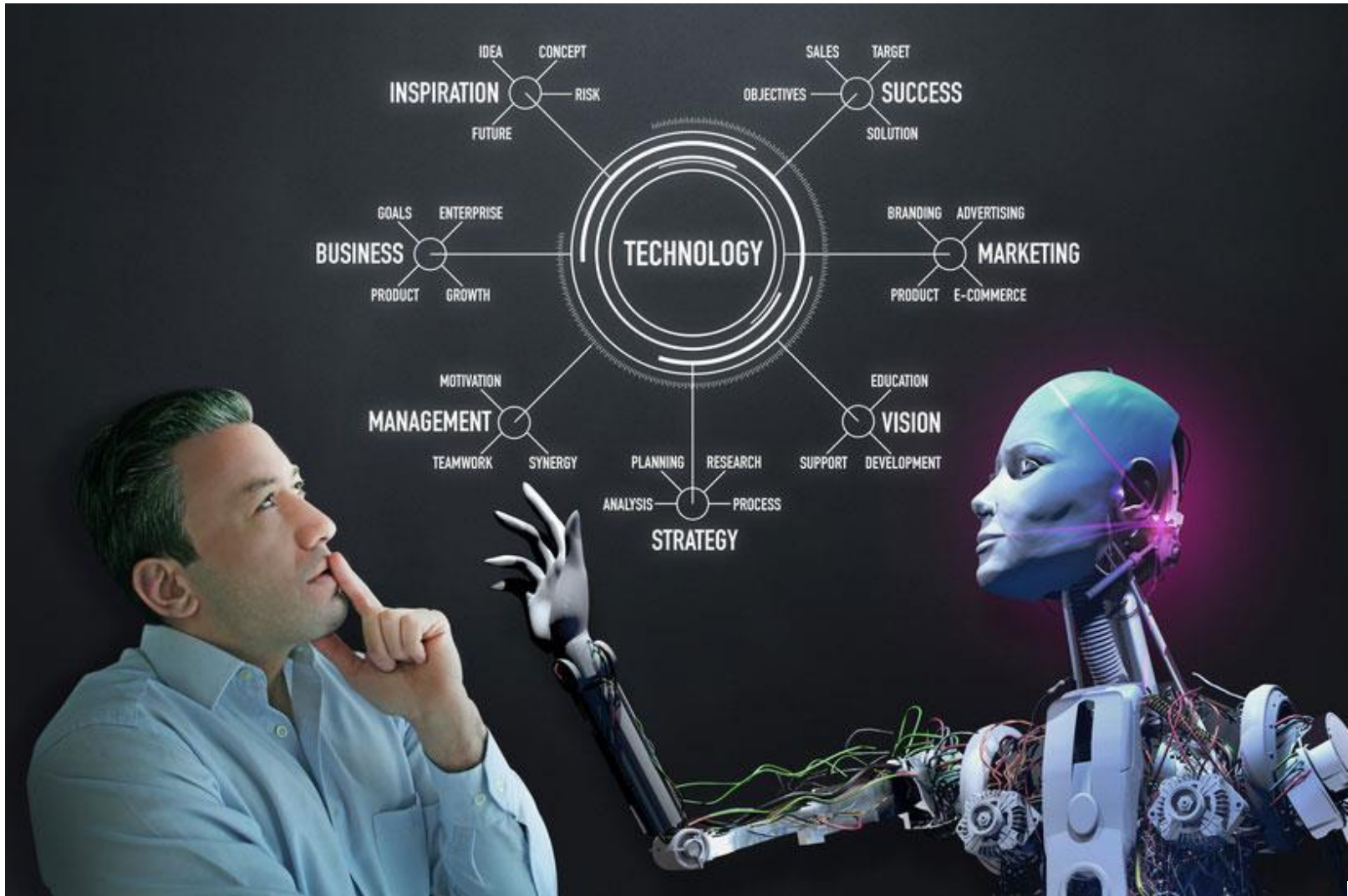


Doctorate Degree

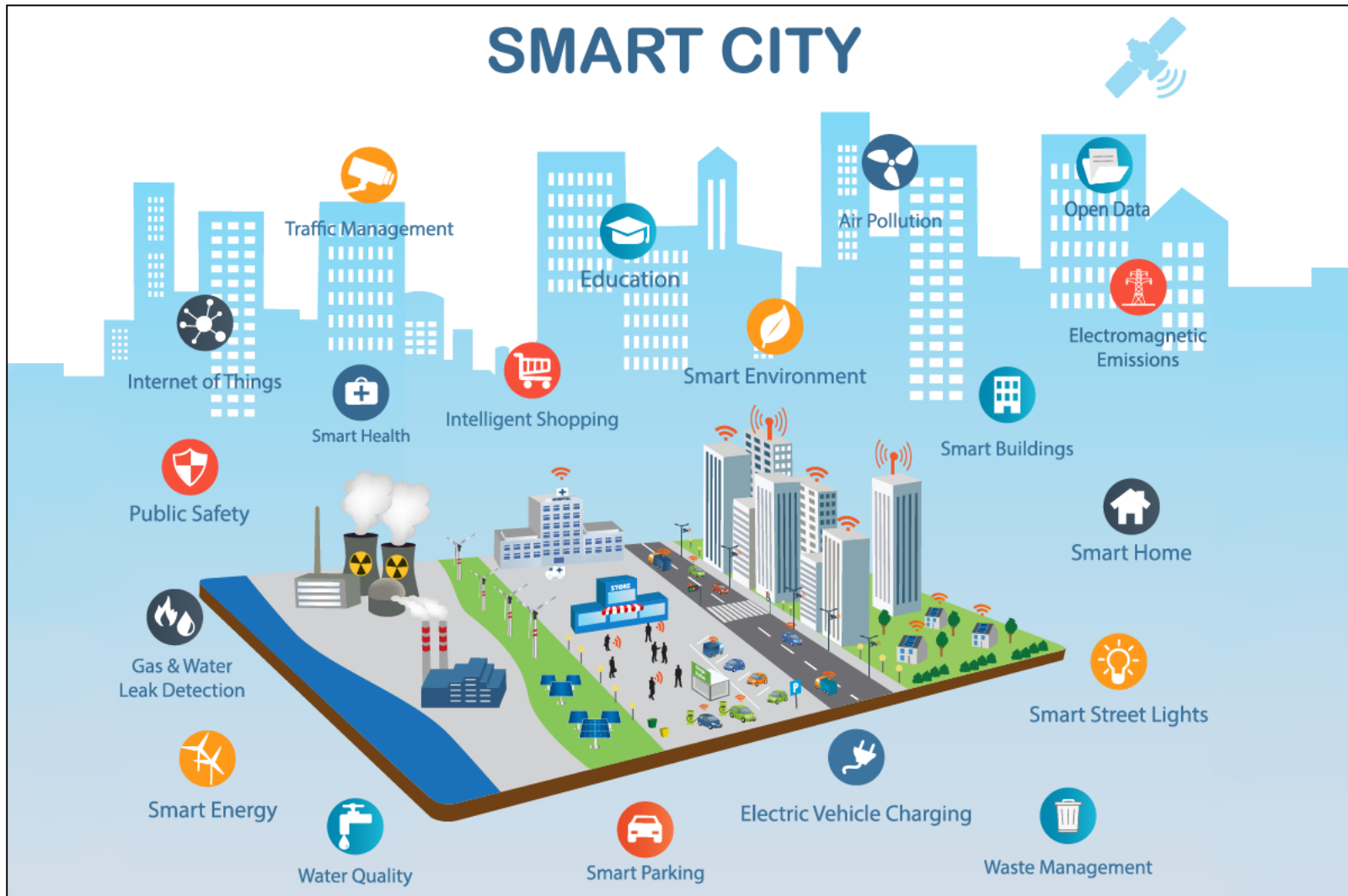


United StatesTM
Census
Bureau

4th Industrial Revolution – Based on the Leadership Vision



4th Industrial Revolution – Based on Societal Maturity



4th Industrial Revolution – Business Focus



4th Industrial Revolution – Governmental Focus





Russ Finney

Advisory Partner | Researcher

Russ@itmWEB.com



Twitter: @rfinney

Cell: 1-512-751-6454

Phone: 1-512-349-2445

LinkedIn  Requests Welcome