



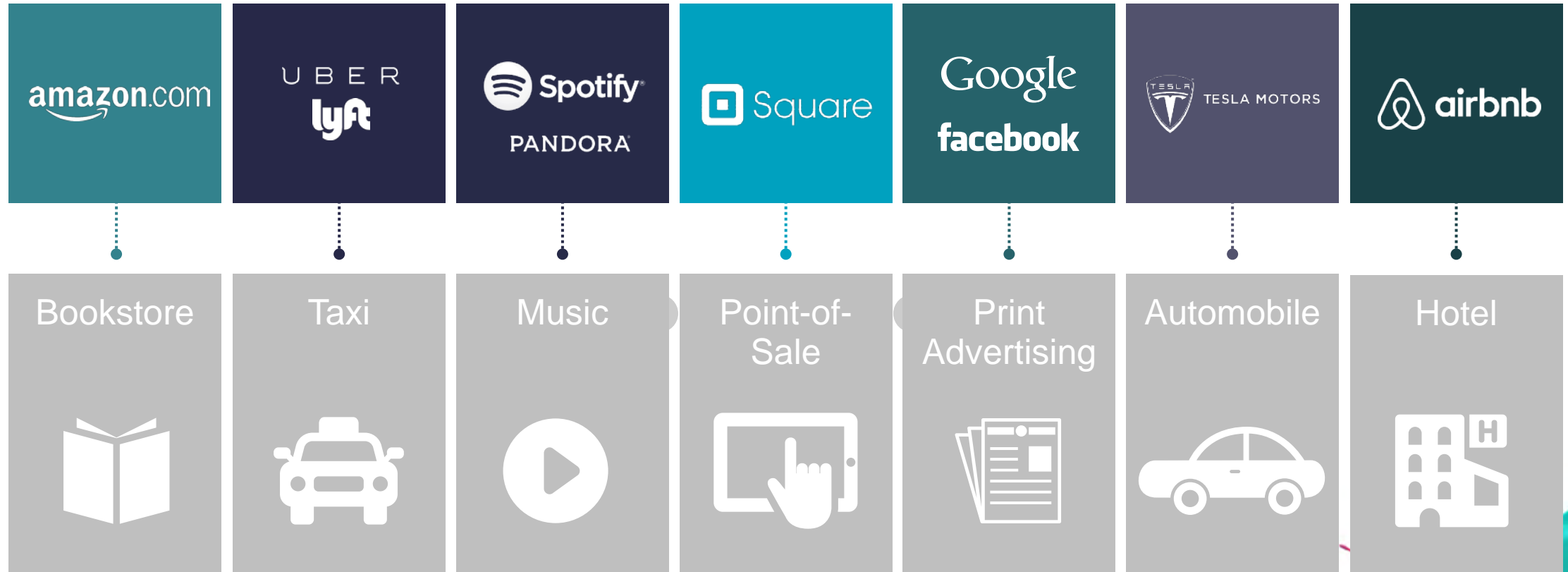
Welcome ...
to the Digital Age

Let's make Amazing Happen

Rick Huijbregts

yes, on Twitter @DrRickH, LinkedIn, and Facebook

Market Changes ... Digital Business is Creating the Digital Economy



Digitization, with the Internet of Everything Accelerate Business Processes, Introduce New Services



Digital disruption will displace 40% of incumbent companies in the next 5 years.

- John Chambers, Cisco 2015 Partner Summit

Our world is changing. From
analogue to digital, static to mobile.
Offline is becoming online. What was
here and there is now everywhere.





THE FOLLOWING **PREVIEW** HAS BEEN APPROVED FOR
ALL AUDIENCES
BY THE MOTION PICTURE ASSOCIATION OF AMERICA, INC.

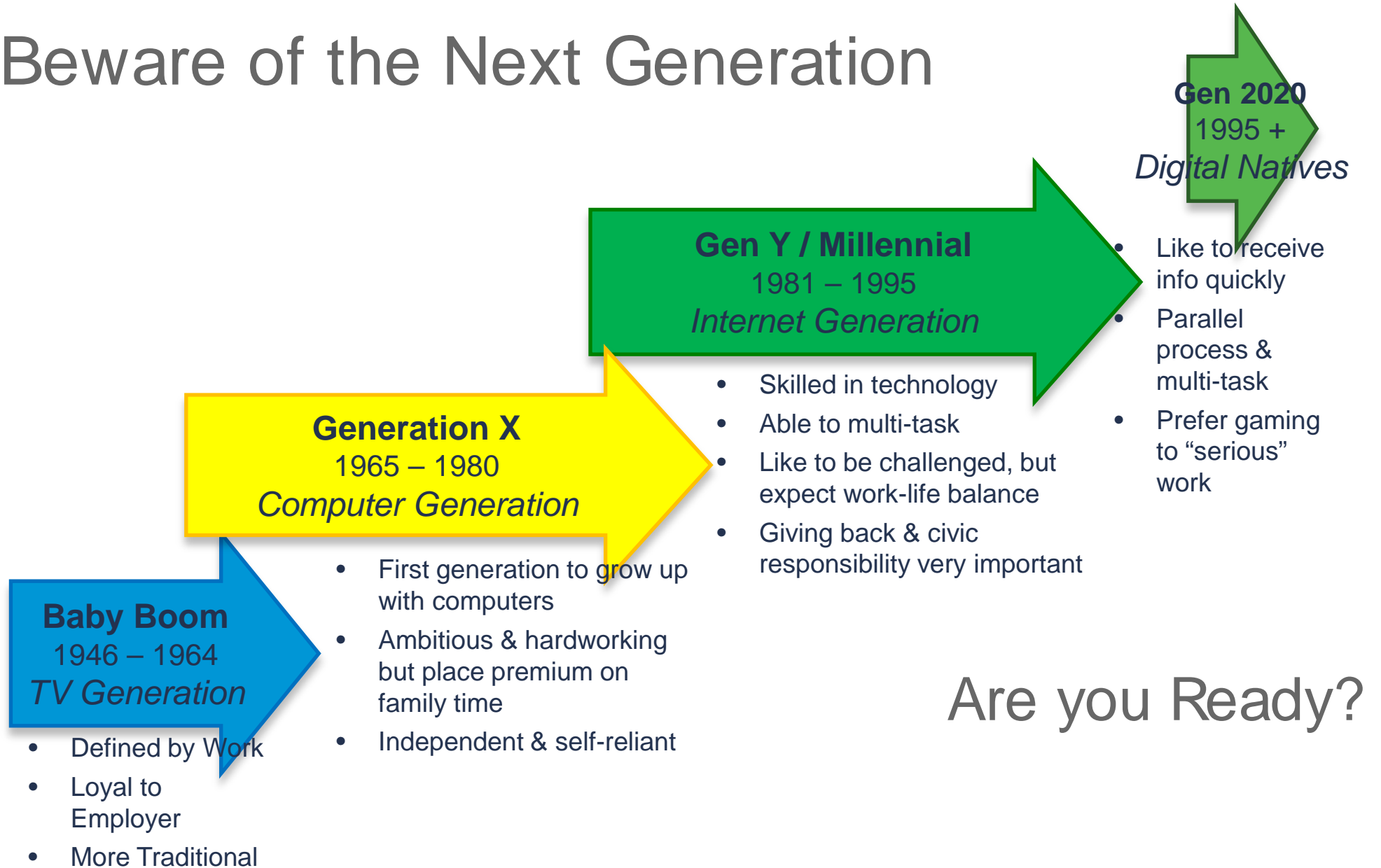
www.filmratings.com

www.mpa.org





Beware of the Next Generation



Are you Ready?



If it is not Mobile, it doesn't Matter

90% of all Global Internet Traffic will be Mobile by 2017
(WEF2015)





Video is King—requires Bandwidth



91% of all Consumer Internet Traffic is Video.

One Million minutes Video traverses the Internet every Second



The “App” Economy is Real

20,000 new apps every week

More than 138 billion Apps
have been downloaded





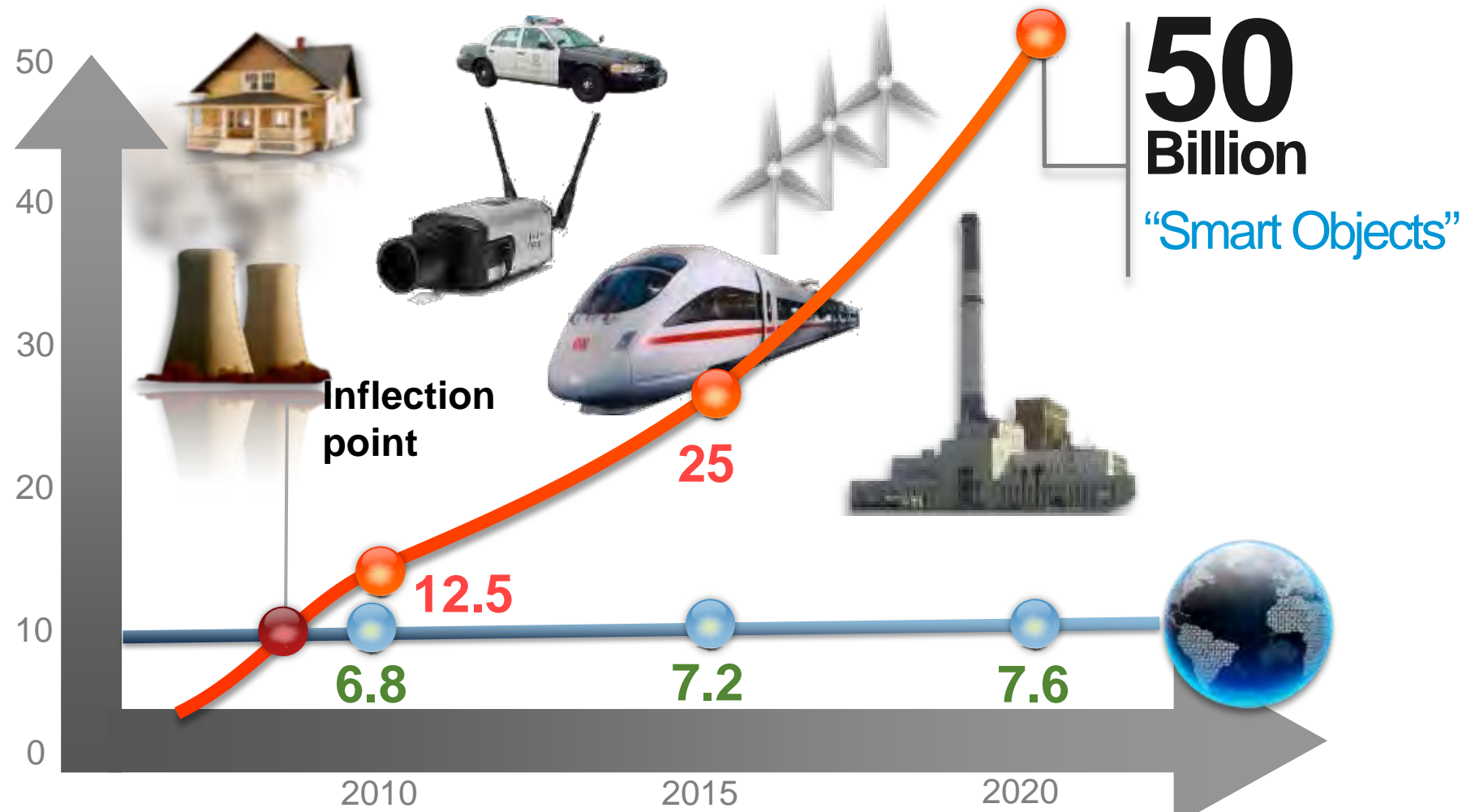
Sharing Everything

19% of U.S. Adult Population has engaged in online Sharing Economy Transaction. (PWC 2015)





The Internet of Things

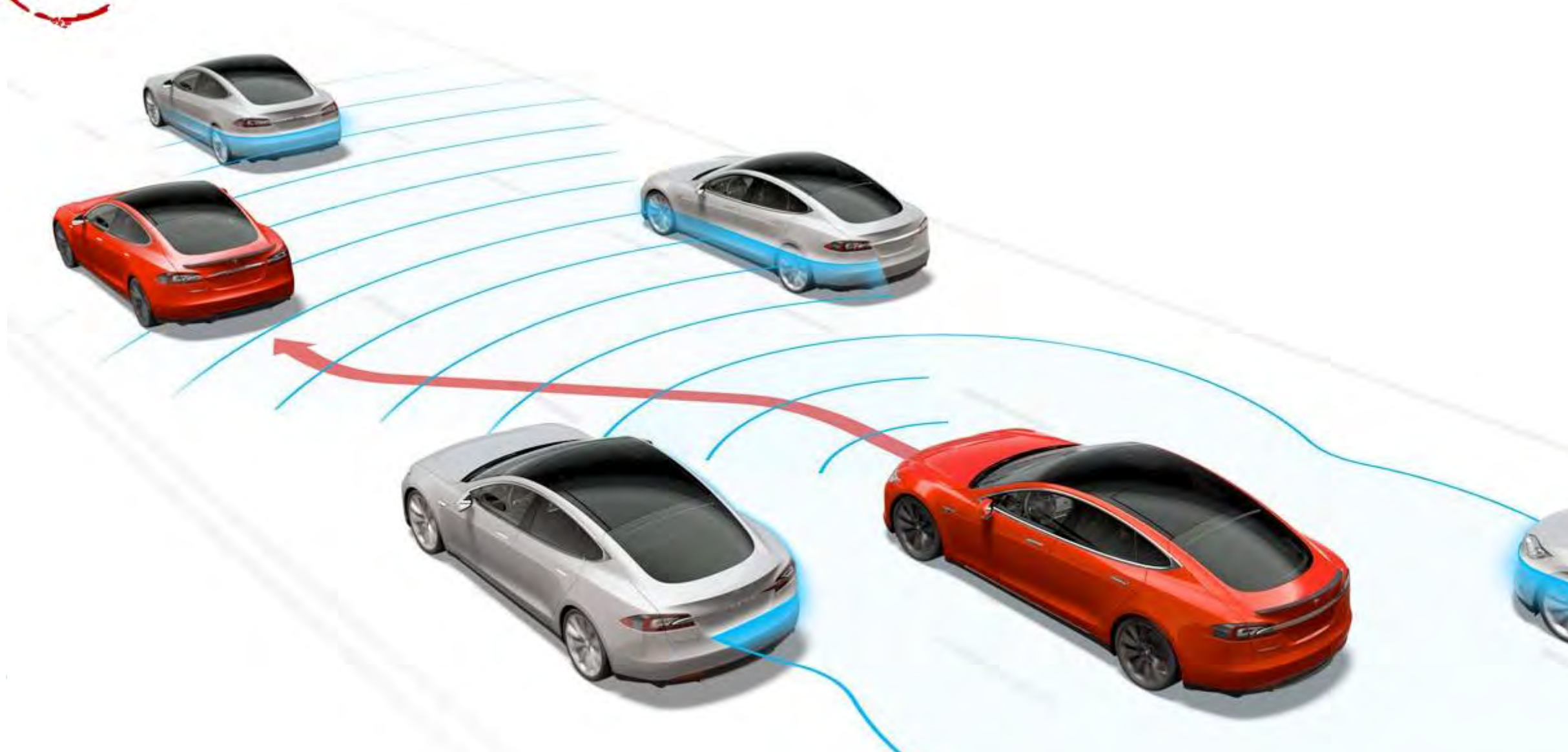


50 Billion
"Smart Objects"





Autonomous Vehicles are Coming





Big Data—from Bits and Bytes to Insight

90% of Data has been created in the Past Two years and is now expected to Double each year.





Everything will happen in the Cloud



Cloud Traffic will Grow
25% year over year, at
least Until 2019.



Security

The business community looks to spend \$86 billion on information security globally by 2016, up from \$62 billion in 2012

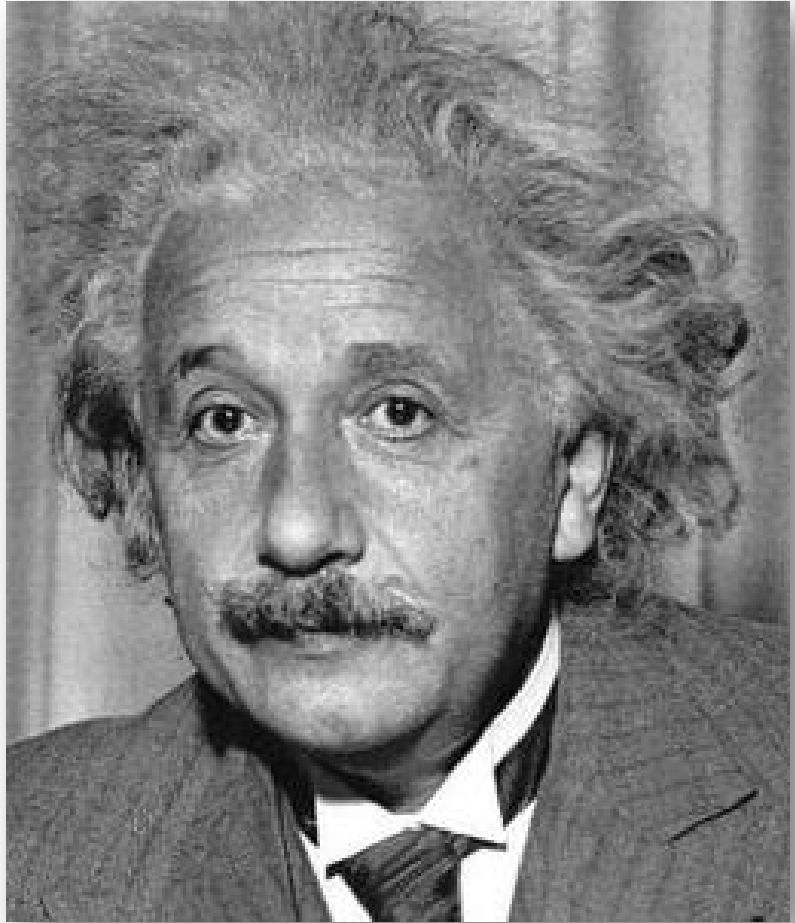


A portrait of John Chambers, a middle-aged man with light brown hair, wearing a dark pinstriped suit, a white shirt, and a purple patterned tie. He is sitting and looking slightly to the right of the camera with a neutral expression. The background is a blurred indoor setting with a warm lamp on the left.

“Every company will be a technology company.”

- John Chambers

“88% of execs know that they have to embrace “digitization”: 35% says they’ll do something about it, but only 7% knows how to go about it.”



The purest form of insanity is to leave everything the same, while hoping that things will change.

Albert Einstein



Focus Areas on being a Smart + Connected Community

1

Efficiencies
To Save Budget



A converged **City Network** creates a “City Platform” to facilitate urban services

2

New Revenue
Streams



Financial model for projected revenue generation with ROI

3

Citizen Engagement



Inclusive platform to engage citizens and expose the What, Where, When for a community to:

- Inform
- Protect
- Revitalize


4

Economic Growth
Through Innovation



Leveraging the City Platform to attract, retain and empower entrepreneurs, start-ups, and business to create new urban services.

Focus Areas on being a Smart + Connected Community

Open Data 

4

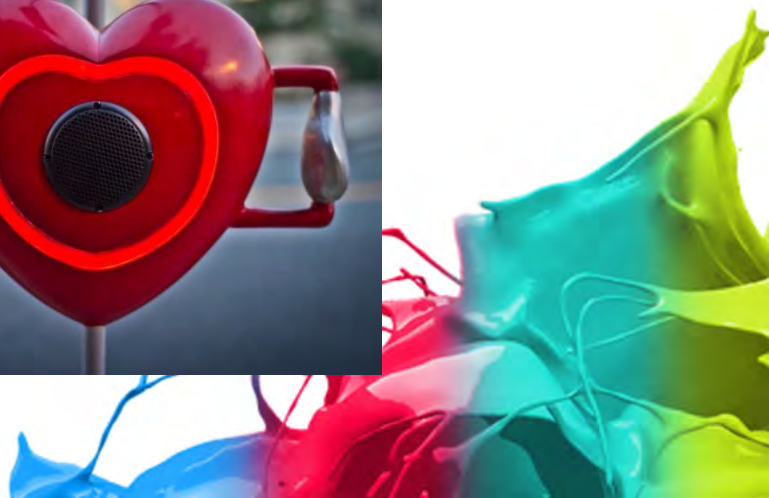
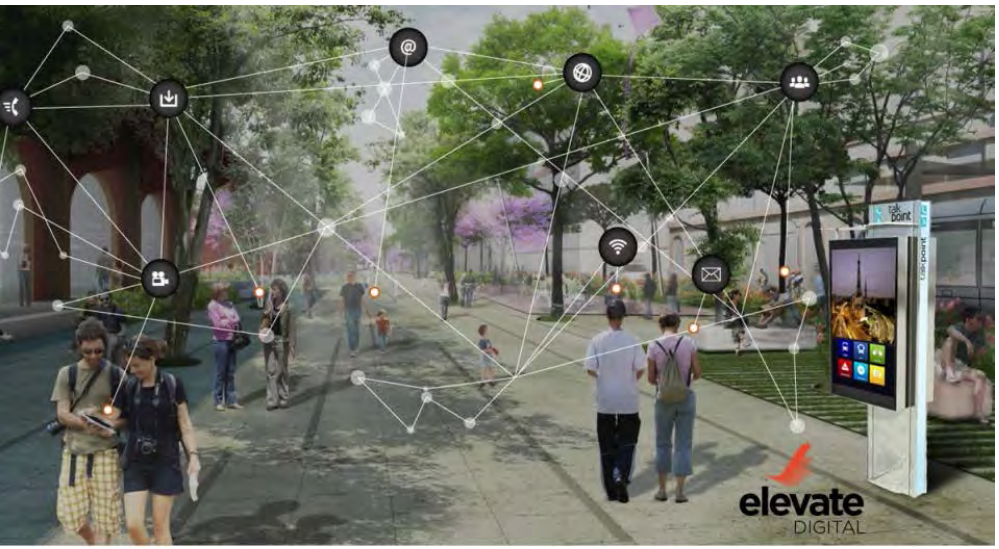
Economic Growth Through Innovation



Focus Areas on being a Smart + Connected Community

3

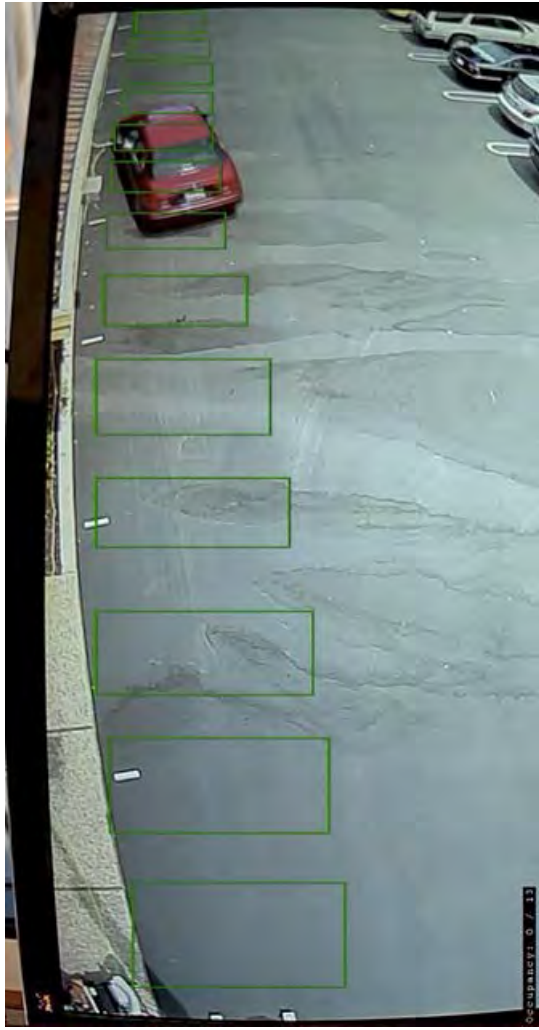

Citizen Engagement



Focus Areas on being a Smart + Connected Community

2

New Revenue Streams



Smart Parking 



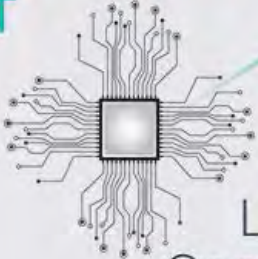
Focus Areas on being a Smart + Connected Community

1

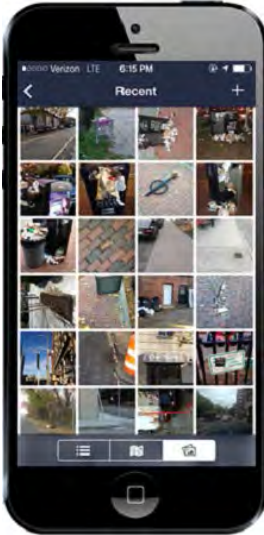
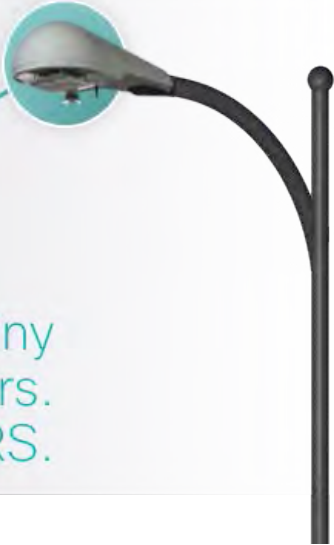
Efficiencies
To Save Budget



A New Generation
of Lights That Are
SMART

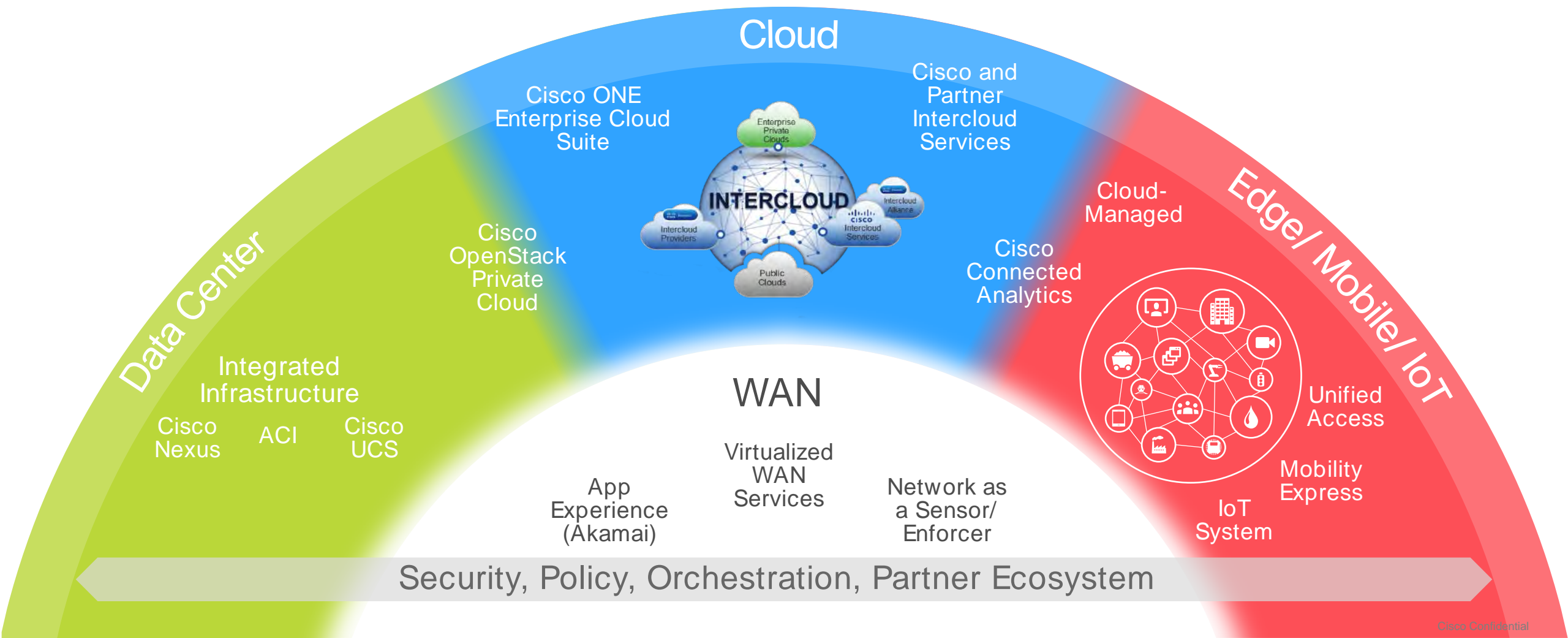


Like Tiny
Computers.
With **SENSORS**.



The Platform for Digitization

Like Building the Foundation for your Home





\$58M \$37M \$50M

Smart Water (-)

Smart Lighting (-)

Parking Revenue (+)

CONNECTED AND INNOVATIVE KANSAS CITY

- Wi-Fi Framework
- 200 Multi-Sensor Gateways
- 400 Multi-Application Video Sensors

**RIVER
MARKET**

**POWER &
LIGHT**

CROSSROADS

Connecting the smart city ecosystem to the entrepreneurial city ecosystem



Connected
Citizens



Connected
City Services



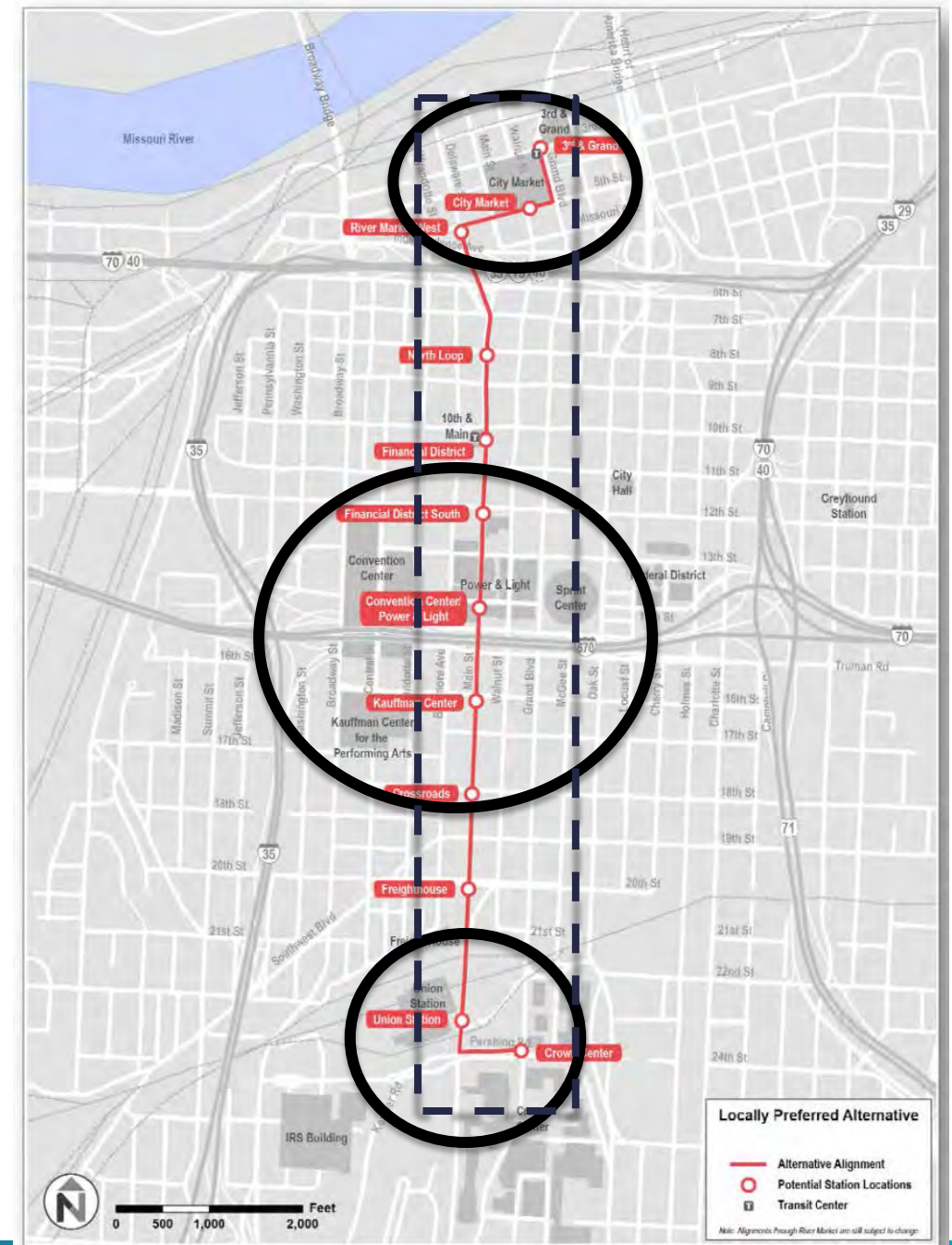
Innovative
Growth



Living
Lab

Phase 1: Streetcar Area Living IoT Lab for Innovation

1. Citizen Connectivity (Google, beware who owns data)
 2. Citizen Experience
 3. Smart Street Lighting
 4. Video Surveillance
 5. Living Lab for Innovation
- Other Uses Cases to be Evaluated:
 - Smart Water
 - Smart Parking
 - Environmental Sensors (Noise, Air)
 - Traffic Management
 - Incident Management
 - Snow/Ice Sensors
 - Mobile Emergency Response



**Enable
Differentiate
Define**



Scalable
Secure
Sustainable

Thank you

