

IoT: The Road To Disruption

Sandeep Bazaz
Frost & Sullivan

May 26, 2016

Definition of Internet of Things – Everything as an Object

Where the Internet of Things is a core area of focused and defined as



The virtualization and ‘datafication’ of everyday objects,



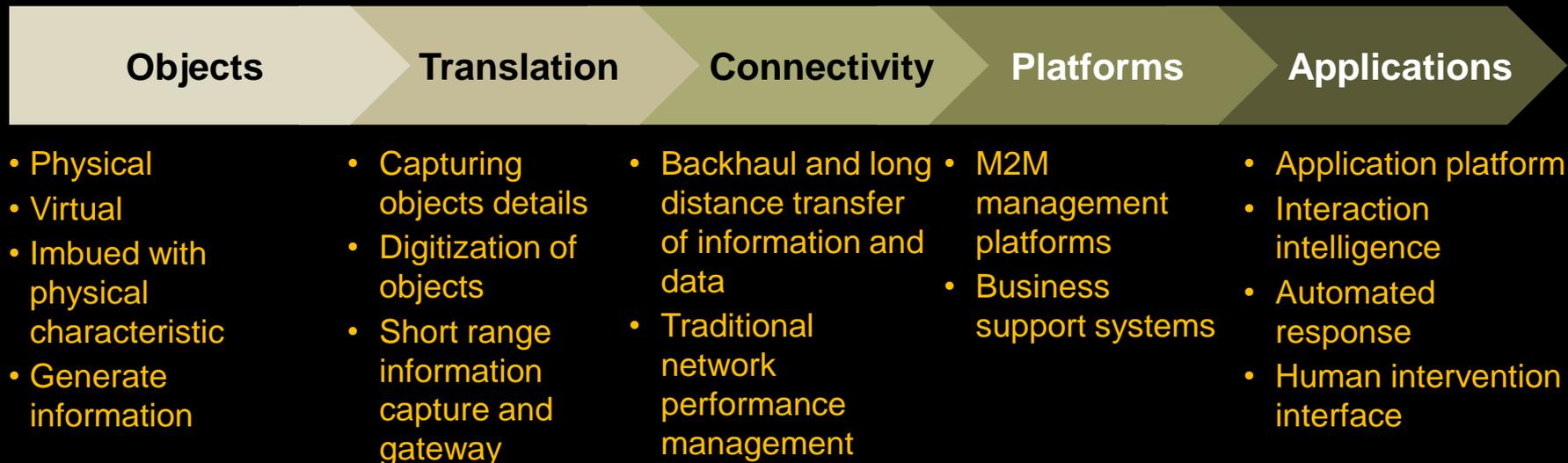
Endowing the physical and virtual objects with an identity, and



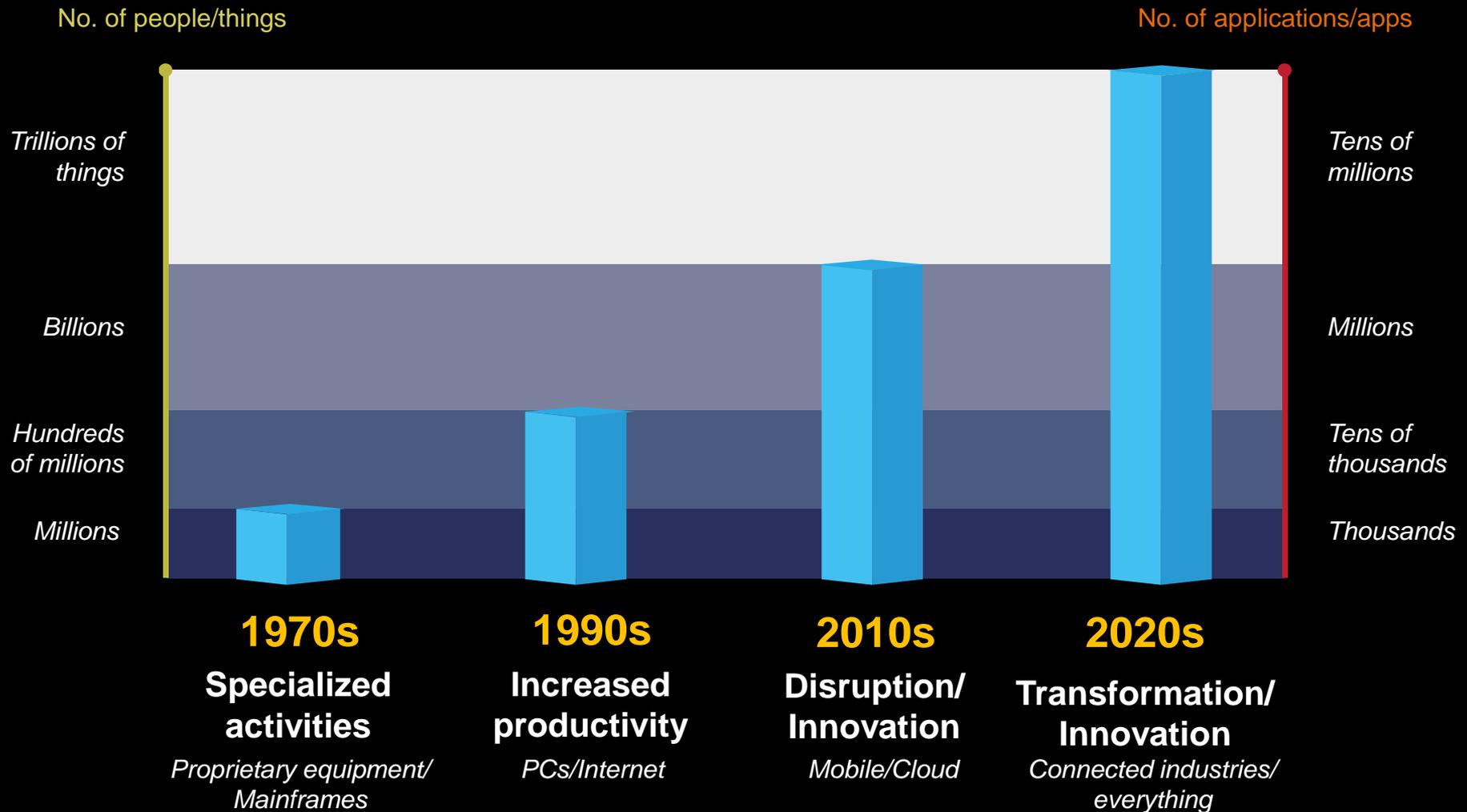
Interconnecting the objects for the purpose of



Interacting with or monitoring them



Towards Connected Everything



Convergence IT Enablers

Low-Cost Sensors

Low-cost sensors are becoming increasingly powerful. They use apps in the cloud and big data.



Cloud

Cloud allowing access to content on any device in any location.



Mobility

Mobility driving the emergence of apps that can be used on any IP-enabled device.



**CONNECTED
WORLD**



Big Data

Big data enables value to be extracted out of an exponential increase in data. Data from IoT needs to be analysed.

22 Billion Connected Devices by 2020



10 connected devices for Every Household by 2020



5 connected devices for every user by 2020



5 billion Internet users by 2020

100 ×

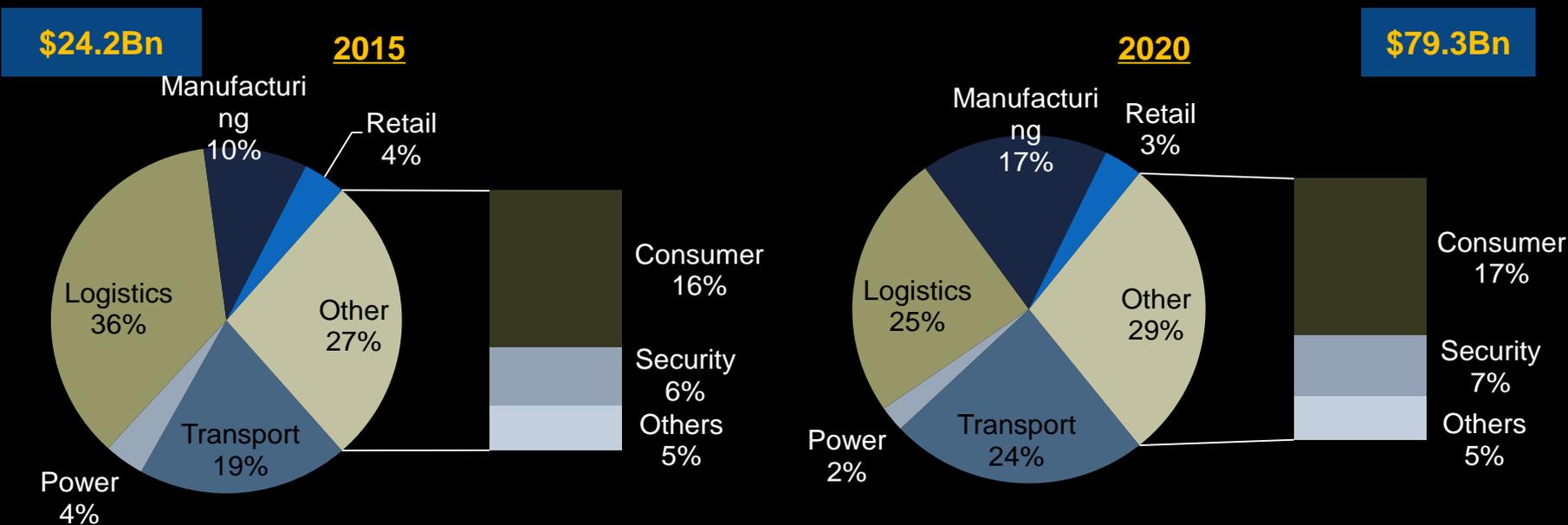


500 devices with unique digital IDs (Internet of things) per square kilometre by 2020

Logistic, transportation and manufacturing sectors are expected to be key IoT adopters

- 
 Logistics, transportation, consumer technology, manufacturing and utilities will contribute majority of IoT spending in 2015 through to 2020.
- 
 Logistics is the early leader in IoT spending due to clear use cases and (easy to understand) benefits, with several services being offered and implemented.
- 
 By 2016 manufacturing and transportation would grow significantly as IoT implementation matures in the verticals.

APAC IoT Spending Forecast by Industry vertical



F R O S T  S U L L I V A N

Frost & Sullivan, the Growth Partnership Company, works in collaboration with clients to leverage visionary innovation that addresses the global challenges and related growth opportunities that will make or break today's market participants. For more than 50 years, we have been developing growth strategies for the Global 1000, emerging businesses, the public sector and the investment community. Is your organization prepared for the next profound wave of industry convergence, disruptive technologies, increasing competitive intensity, Mega Trends, breakthrough best practices, changing customer dynamics and emerging economies? [Contact Us: Start the Discussion](#)

www.frost.com