

Global Technology Trends

Ceramic Leadership Summit

April 9, 2014

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The Mega-trends



The Mega-Trends

Number of mobile devices will exceed world population in 2013 and will reach 8 billion by 2016 (Cisco)

Mobile



5 million trade events

are clocked every day

Number of connected devices to reach 50 billion by 2020

Cloud



50% of the world's data will be stored in the cloud by 2016

Social



More than 2.5 billion users in Social Media sites; Facebook has more than 1.15 billion

Big Data



Internet of Things

80% of all data

is unstructured and growing 15 times the rate of structured data

Data is the new “natural resource”...
and needs refinement to create value

Cloud

Mobile



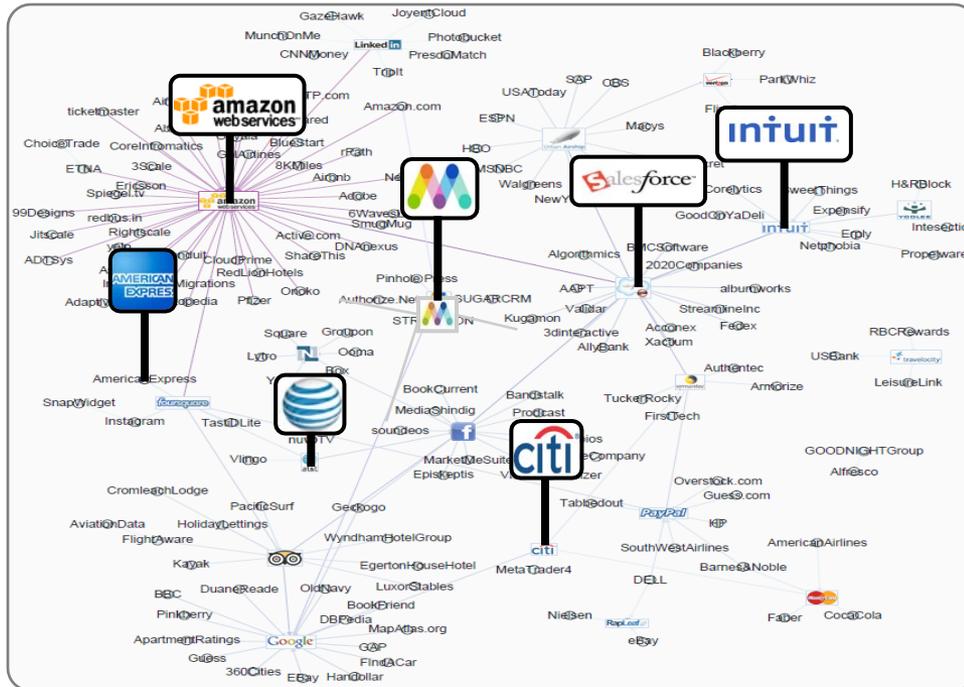
Every **2 days** the world generates
the **equivalent volume of**
data that existed up until
10 years ago

Social



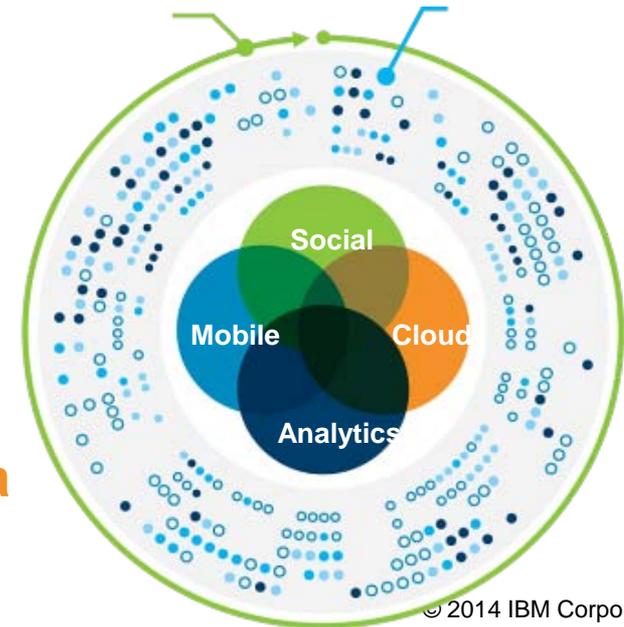
Internet of Things

The convergence of **social, mobile, cloud** and **analytics** at the intersection of Enterprise and Born-on-the-Web



18% of Africa's GDP is expected to be handled through mobile money transfers by 2015

67% of global consumers want to use mobile devices to check out



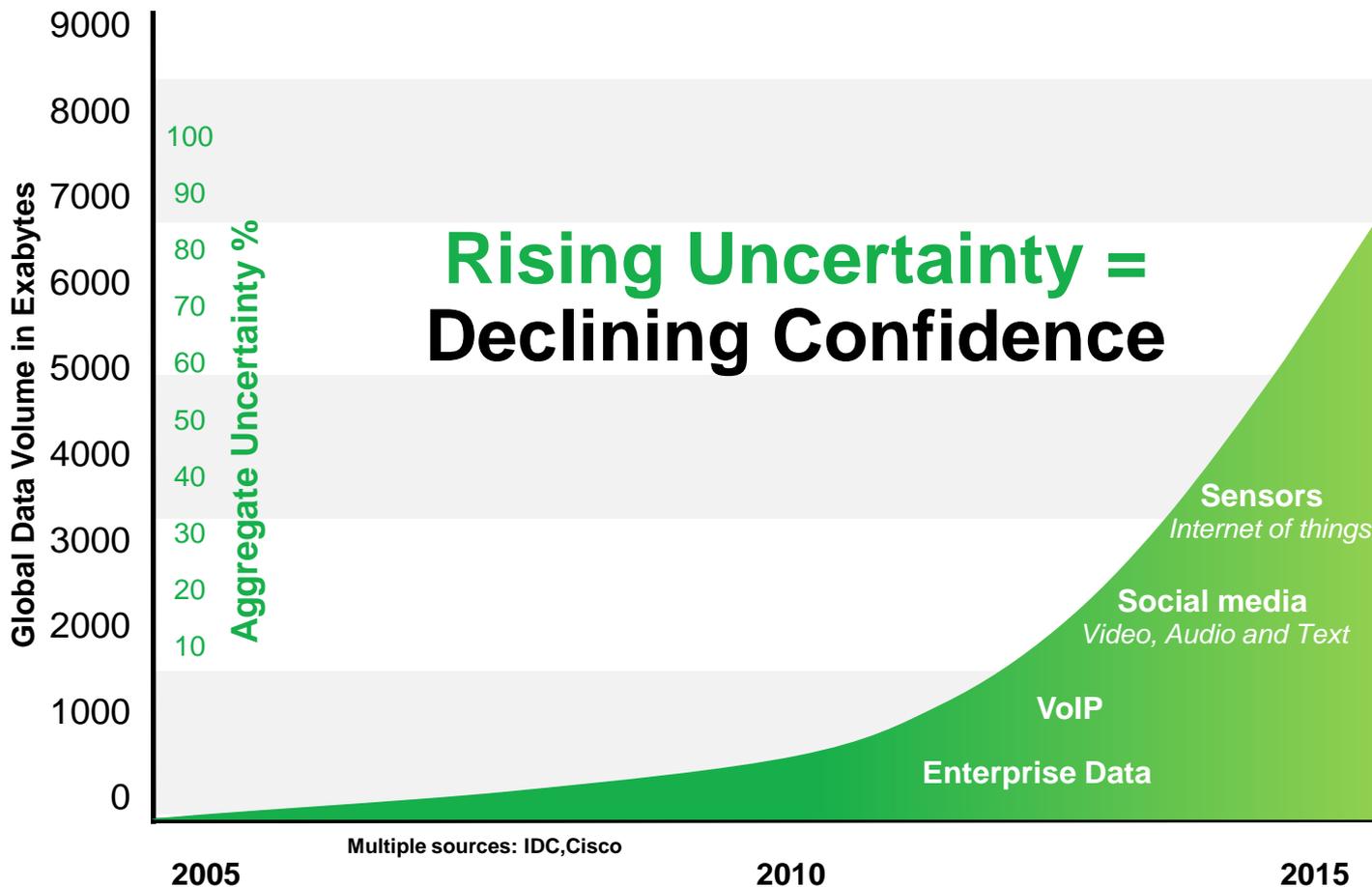
1 out of every 7 minutes spent online is spent on Facebook

40% of people socialize more online than they do face-to-face

80% of new apps will be distributed or deployed via the cloud

1/3 of consumer data will be stored in the cloud by 2016

Drowning in "data"



1 in 3
Make decisions on untrustworthy data

1 in 2
Lack the information that they need

60%
Have too much data

Have You Ever Had This Discussion?



“Looks like you have all the data, what’s the
!!!@#!!\$@\$!!!#@#\$@!!!#\$!! delay?”

And our customers see it

80%

of CEOs think they
deliver a superior
customer experience...



8%

of their
customers agree



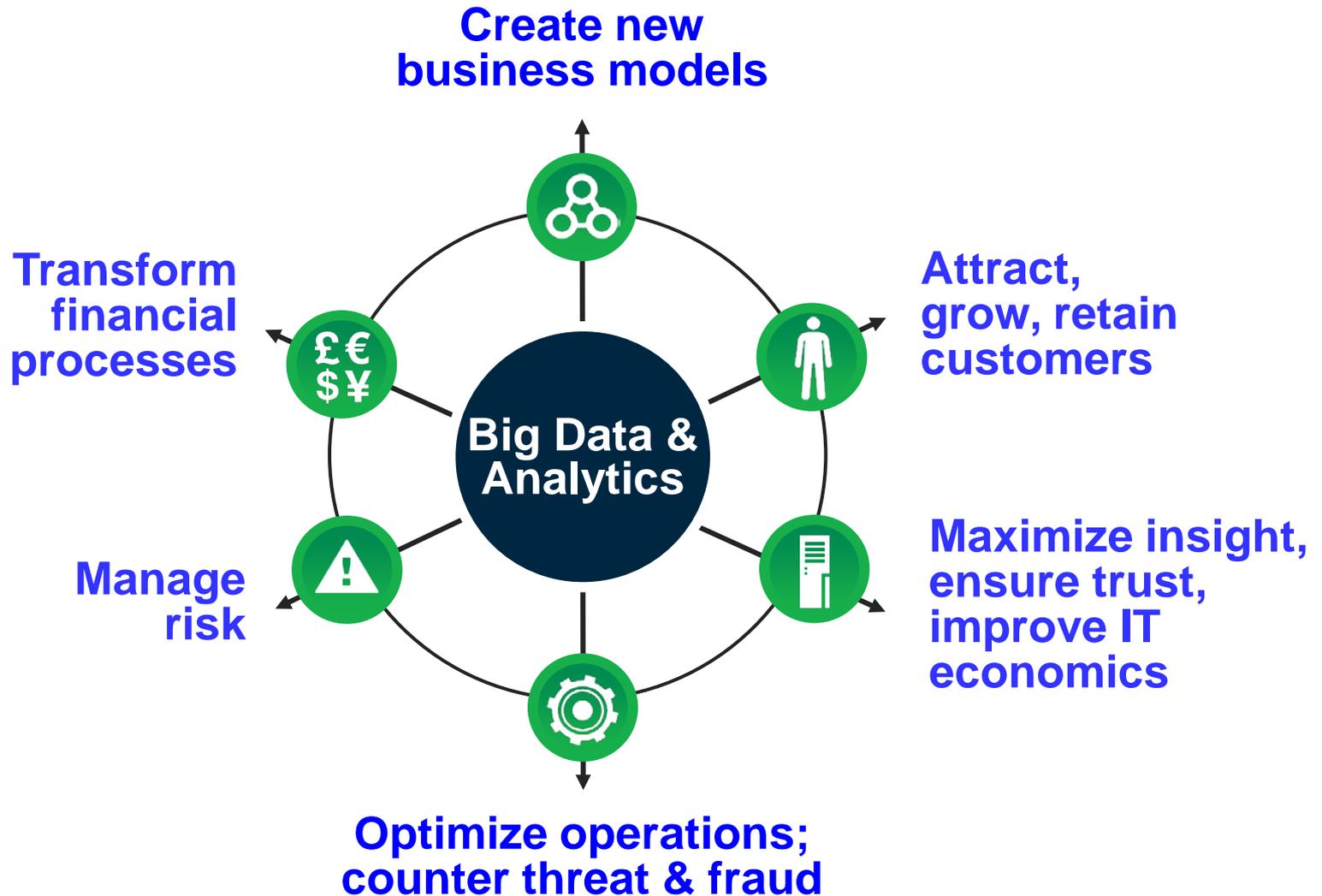
“...today’s customers are armed with data, information and access ...- winning companies ...will be those ...who can understand [and] predict, what customers really want.”

- **Forbes**, 3/2013

So what IS “Big Data”?



Insight Drives Key Business Imperatives



Be More Right, More Often



Real Results from Big Data & Analytics

98%
Cut in Storage Requirements

\$1B
Savings from accurately predicting ice flows

98%
Decrease time to analyze data

\$1M
Estimated Cash Savings

90%
Increased Transaction Capacity

72%
Reduction in Fraudulent Claims

40X
Analysis Performance Gain

60X
Faster Query Performance

Eras of Computing... more help is coming!

