







mpact and Societa Business

Connectivity
Digitize Access
to Information

Networked
Economy
Digitize Business
Process

Immersive Experiences

Digitize Interactions (Business & Social)

Internet of Everything Digitize the World

of Connections



Connecting the Unconnected Over 70% of humans are NOT connected Things NOT Connected Things Connected

New places in the Network (PIN)

Information Technology (IT)

Data Center

Campus

Branch

Operational Technology (OT)

Plant

Field











Challenges facing the Internet of Things

Data Deluge

Layered architectural approach

Distributed intelligence

Interoperability



Standards and APIs

Security



Defense in-depth Enterprise-grade security across entire business **Bridging IT and OT**



Smart Solutions

Carpet-to-concrete

approach

Workforce Alignment



Training
Public policy





2012 2013 2018

Connected Vehicles

Datacenter day times requests / day

Datavolume/ day 1M

2,5M

10M

1M

12N

M_®NC 4673

100M

0,5GB

40GB

1000GB



What if – 1% effect – 15 years

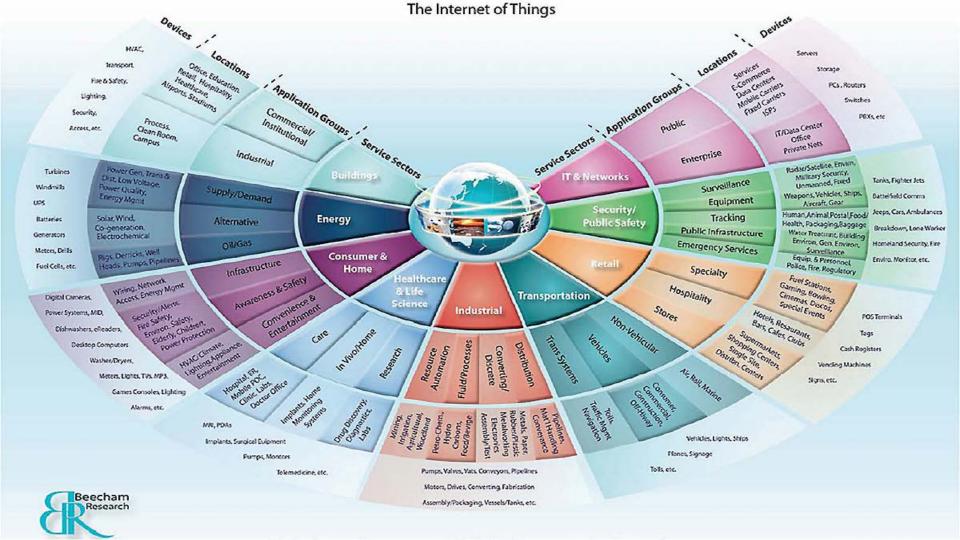




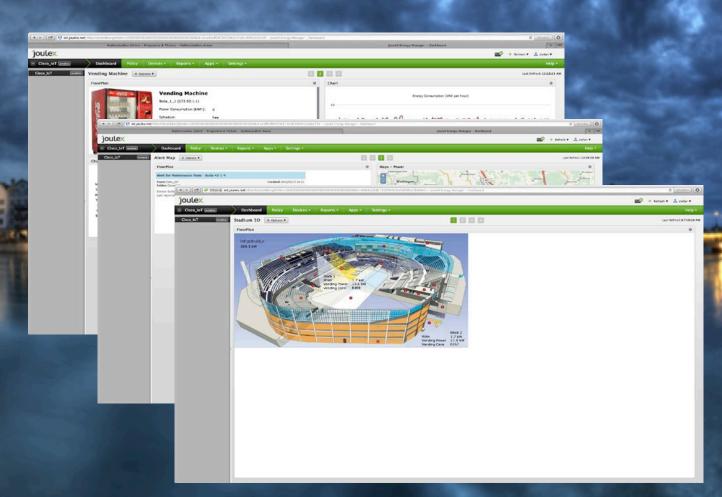


Fuel Savings \$30B Reduction in System Inefficiency \$63B Reduction in Freight Inefficiency \$27B

Source: "Industrial Internet: Pushing the Boundaries of Minds and Machines," GE, November 26, 2012















Amazing things happen when you connect the unconnected

