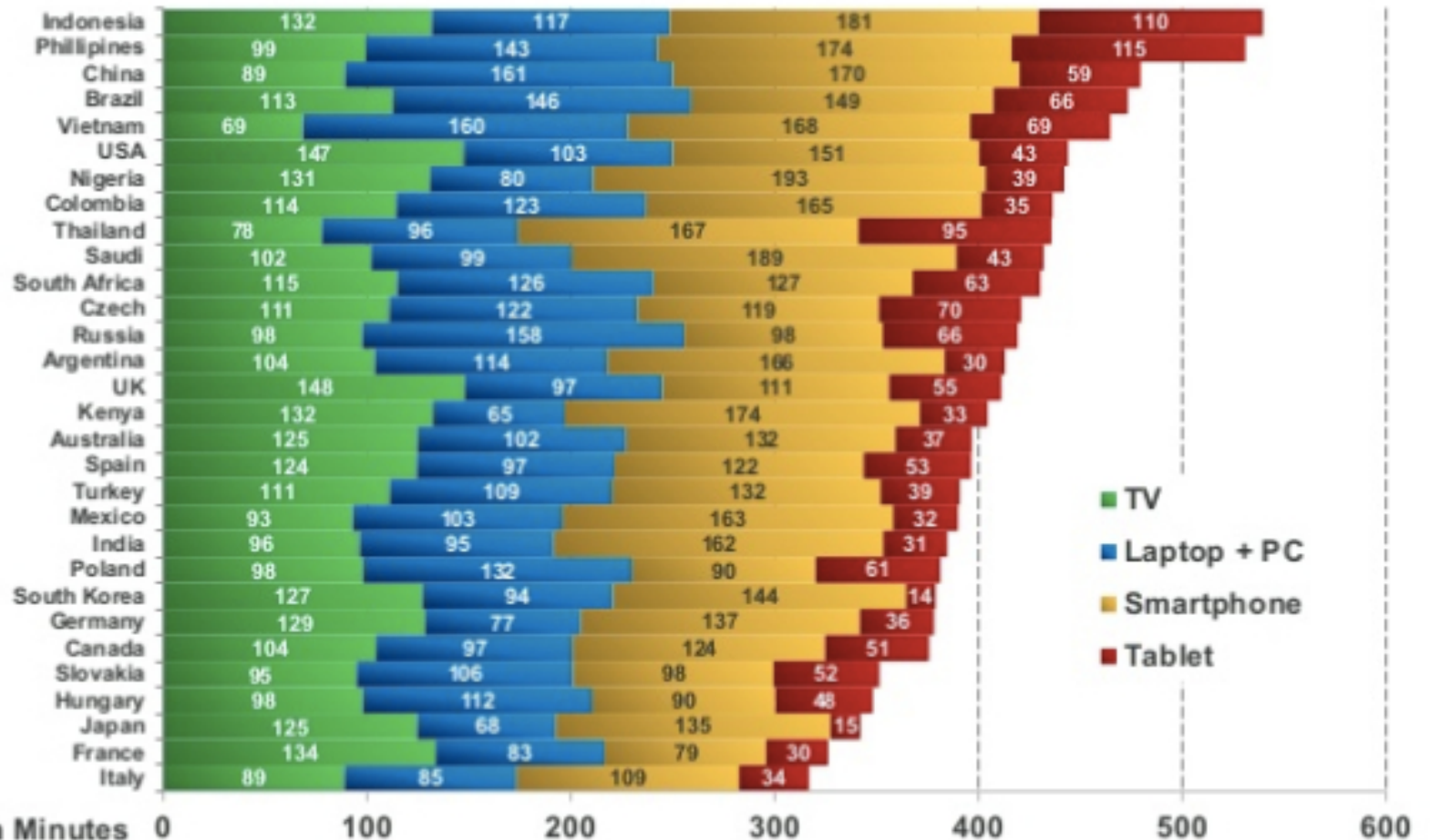






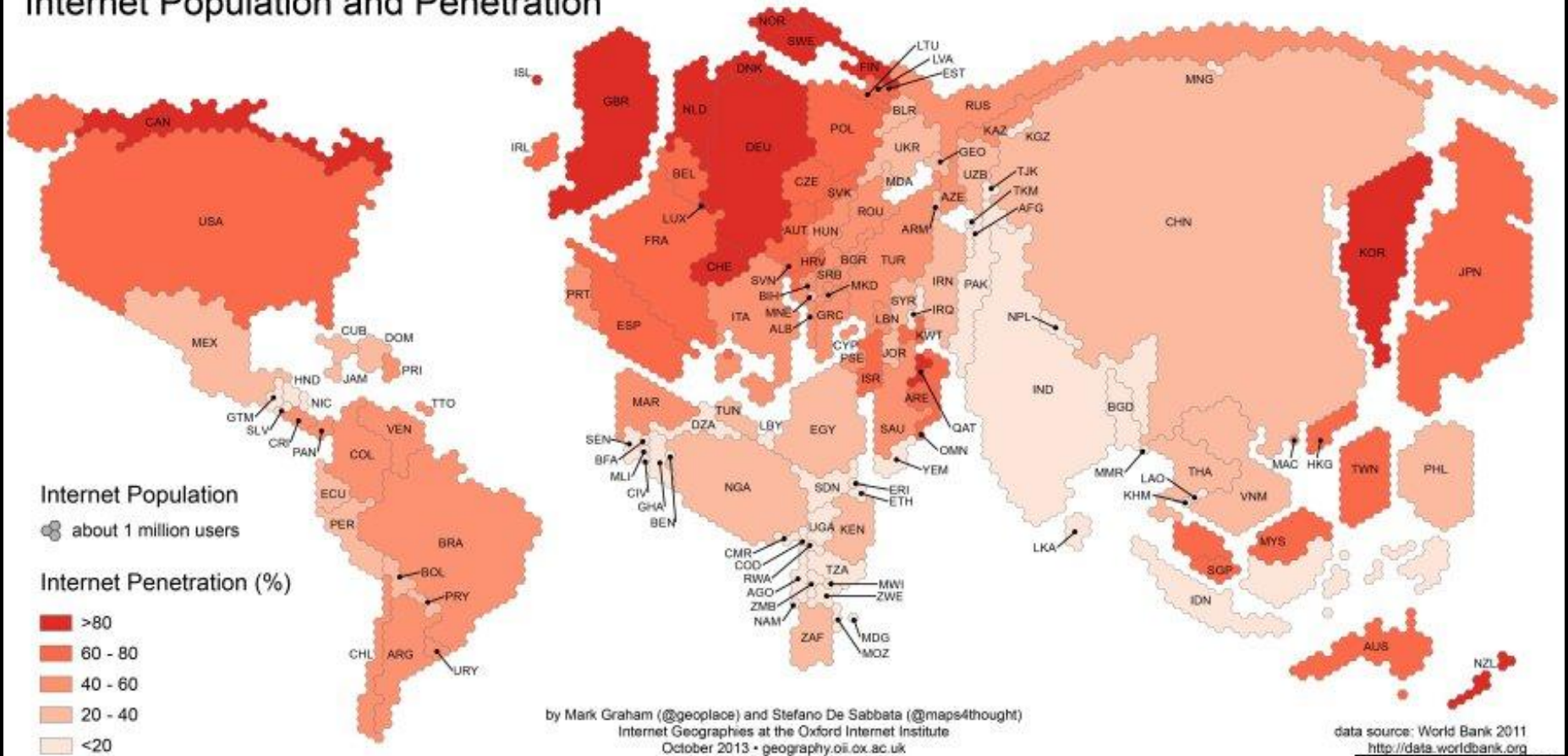
Smartphones = Most Viewed / Used Medium in Many Countries, 2014

Daily Distribution of Screen Minutes Across Countries (Mins)



Sources: Milward Brown AdReaction, 2014.
 Note: Survey asked respondents "Roughly how long did you spend yesterday...watching television (not online) / using the internet on a laptop or PC / on a smartphone or tablet?" Survey respondents were age 16-44 across 30 countries who owned or had access to a TV and a smartphone and/or tablet. The population of the 30 countries surveyed in the study collectively represent ~70% of the world population.

Internet Population and Penetration



by Mark Graham (@geoplace) and Stefano De Sabbata (@maps4thought)
 Internet Geographies at the Oxford Internet Institute
 October 2013 • geography.ox.ac.uk

data source: World Bank 2011
<http://data.worldbank.org>
 Oxford Internet Institute

INTERNET OF THINGS LANDSCAPE

Platforms & Enablement (Horizontal)

<p>Connectivity</p>	<p>Open Source Platforms</p>	<p>Software Platforms</p>	<p>Sensor Networks</p>	<p>Enabling Networks</p>	<p>Corporates</p>
---------------------	------------------------------	---------------------------	------------------------	--------------------------	-------------------

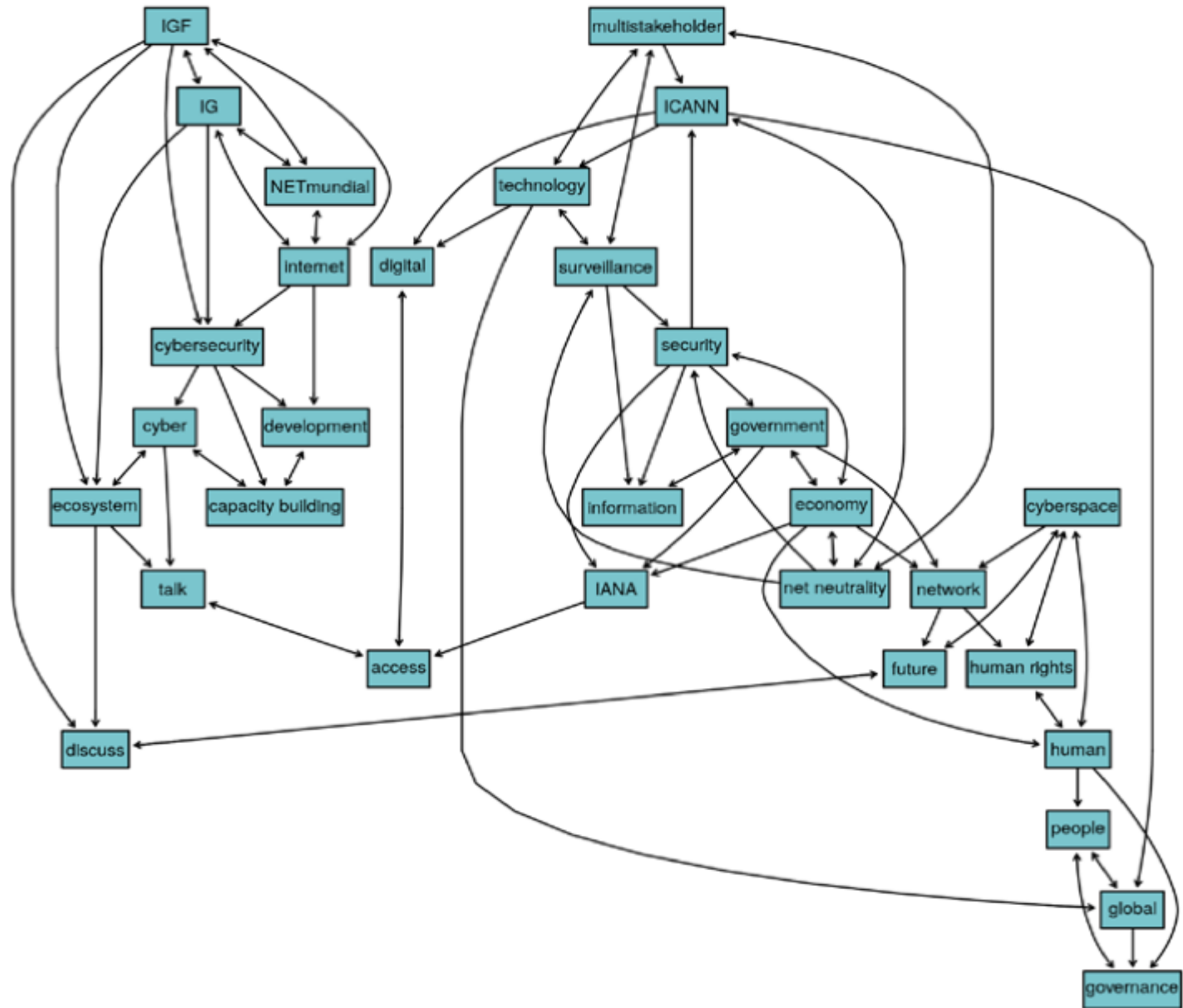
Applications (Verticals)

<p>Quantified Self</p> <p>Wearable Computing</p> <p>Fitness</p> <p>Health</p> <p>Family</p>	<p>Lifestyle</p> <p>Leisure</p> <p>Pets</p> <p>Toys</p> <p>Music</p> <p>Gardening</p> <p>Home Improv.</p>	<p>Connected Home</p> <p>Home Automation</p> <p>Energy Efficiency</p> <p>Security</p> <p>New Interfaces</p>	<p>Industries</p> <p>Retail</p> <p>Healthcare</p> <p>Automotive</p> <p>Smart Buildings</p>	<p>Industrial Internet</p> <p>Robotics</p> <p>Greentech</p> <p>3D Printing</p>
--	--	--	---	---

Building Blocks

<p>Connection Protocols</p>	<p>Telecom</p>	<p>M2M</p>					
<p>Software</p>	<p>Mobile</p>	<p>Hardware</p>	<p>Parts / Kits</p>	<p>Services</p>	<p>Incubators</p>	<p>Funding</p>	<p>Distribution</p>

IGF2014
3-neighbourhoods



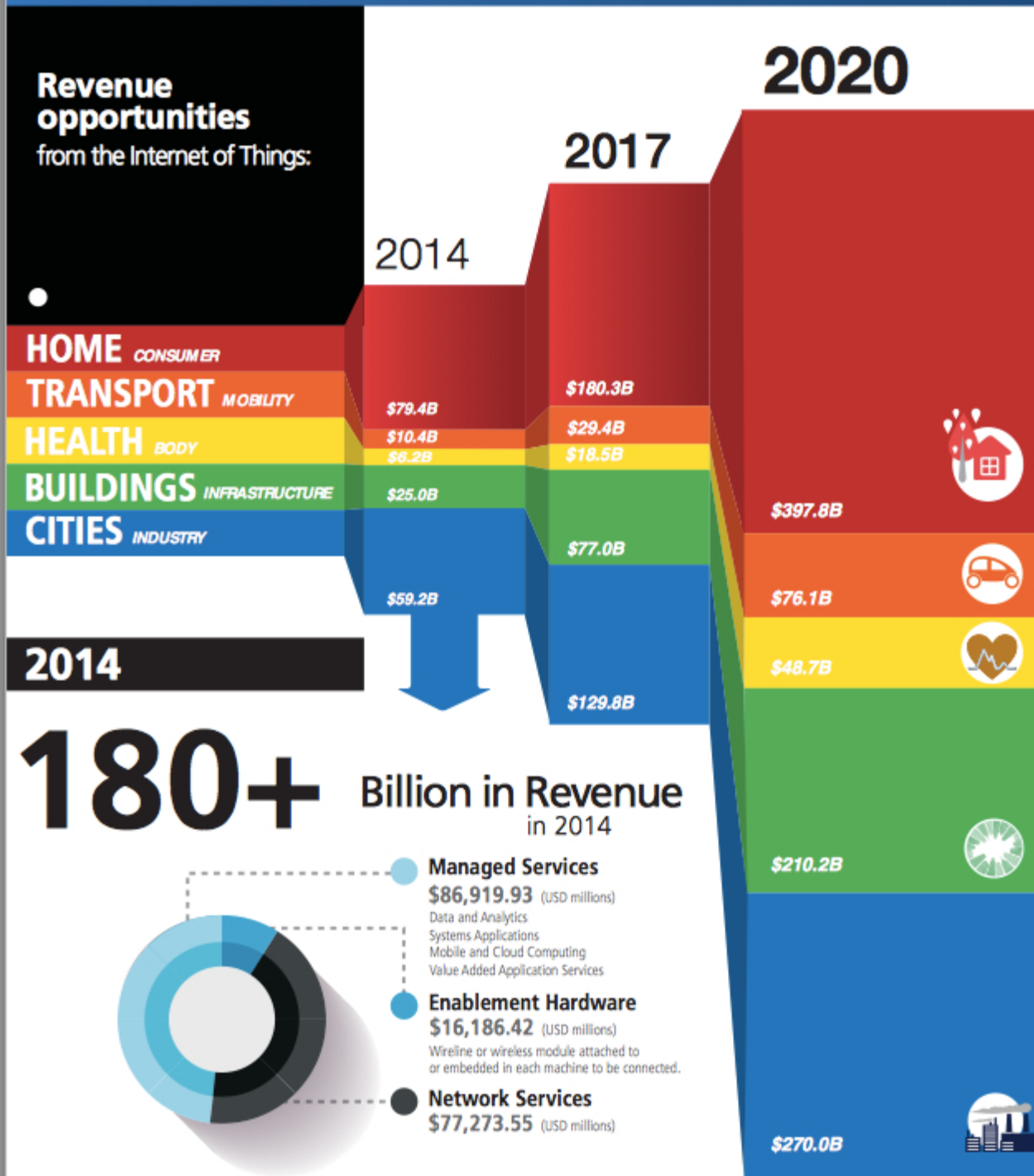
=====UPDATE=====

- > You have 15 pairs of underwear left.
 [Ok] [buy more underwear] [find help online]
- > Your cat checked in at the litterbox.
- > Your microwave just heated a lasagna.
- > Record: You stared out the window for 23 minutes.
 [Ok] [post your score]
- > Your couch likes your microwave's status update.
- > It's raining again.
 [Ok]
- > 15 of your things are broken.
- > You haven't left the house in 5 days.
 [Ok]

=====

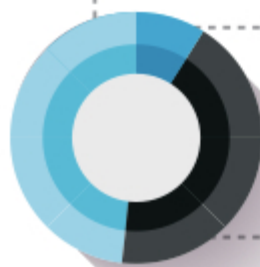
Group Name	Stated Purpose	Principal Members (alphabetical)
AllSeen Alliance	"To enable widespread adoption and help accelerate the development and evolution of an interoperable peer connectivity and communications framework based on AllJoyn for devices and applications in the Internet of Everything."	Electrolux, Haier, LG, Microsoft, Panasonic, Qualcomm, Sharp, Silicon Image, Sony, Technicolor, TP-Link
Industrial Internet Consortium	To "...influence the global development standards process for internet and industrial systems."	AT&T, Cisco Systems, General Electric, IBM, Intel
Open Interconnect Consortium	"The OIC will take the lead in establishing a standard for interoperability across multiple vertical markets and use cases."	Atmel, Broadcom, Dell, Intel, Samsung, Wind River
Thread Group	To "...create a networking protocol that can help the Internet of Things realize its potential for years to come."	Arm, Big Ass Fans, Freescale, Nest (Google), Samsung, Silicon Labs, Yale
Apple HomeKit	To create, based on iOS, "... a high-level device connectivity framework enabling apps to interact with physical accessories in the world around us."	Apple

Revenue opportunities
from the Internet of Things:



2014

180+ Billion in Revenue in 2014



- Managed Services**
\$86,919.93 (USD millions)
 Data and Analytics
 Systems Applications
 Mobile and Cloud Computing
 Value Added Application Services
- Enablement Hardware**
\$16,186.42 (USD millions)
 Wireline or wireless module attached to or embedded in each machine to be connected.
- Network Services**
\$77,273.55 (USD millions)





