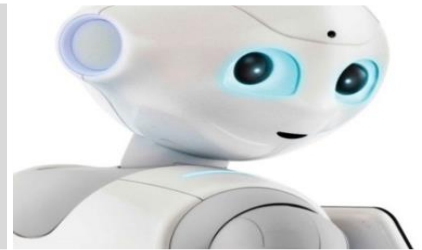


THE TECH MEGATRENDS



Tech Applies To All ... And Will Push Your Career To The #NextLevel!



All Roles

**No Matter Your Job Role Or Industry.
Tech Applies To All Roles, And All Industries!**

What's NEXT?

**Never—Ever!—Stop Learning.
Keep Asking & Pursuing “What’s Next?”
As That Will Bring Your Career To The #NextLevel**



Change Has Never Before Happened So Fast ...



AND IT WILL NEVER BE THIS SLOW AGAIN

MORE CHANGE OVER THE NEXT 20 YEARS



THAN WITHIN THE PAST 200 YEARS



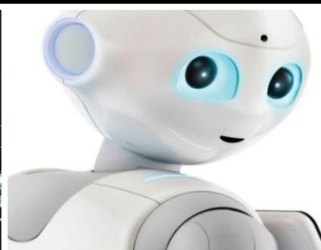
MOBILE



WEARABLES



IoT: THE INTERNET OF THINGS



ROBOTICS



BIG DATA



AUGMENTED REALITY



VIRTUAL REALITY



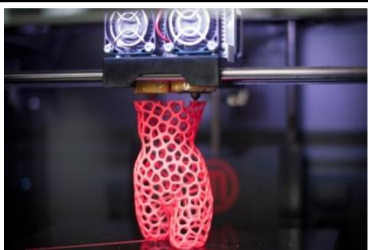
MIXED REALITY



CLOUD COMPUTING



ARTIFICIAL INTELLIGENCE



3D PRINTING



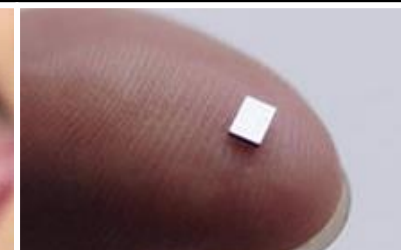
BLOCKCHAIN



HEALTH TECH



INGESTIBLES



IMPLANTABLES



MOBILE



WEARABLES



ROBOTICS



BIG DATA



THE STORY OF OUR TIME: **PERMANENT TECH REVOLUTION**

GREATER
Number Of Tech

Quicker
Cycles Of Change

BIGGER
Economic Impact

FASTER
Rates Of Adoption

Interdependent
Innovations

5

Mega-Trends

#1

THE EXPECTATION ECONOMY



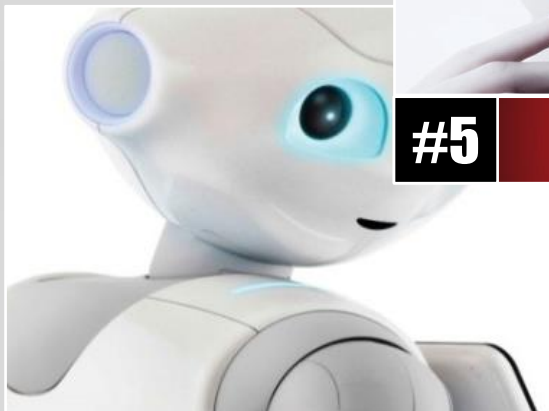
#2

DIGITAL'S NEW FRONTIER



#5

THE NEXT-GEN WEB



#3

MAN-MACHINE CIVILIZATION

#4

THE INTELLIGENCE ERA

MOBILE Has Changed ... EVERYTHING!

How We Live!



How We Buy!

**How We
Work!**

**How We
Communicate!**



**Remember The Most Recent Time You
Had To Go WITHOUT Your Phone ...
For 1 ENTIRE Day?**





WE'RE OBSESSED

Check Our Phones 150-200x Daily



WE TALK IN EMOJI

Used By 90% Of Smartphone Users

WE HAVE NO-MO-PHOBIA!

HOW DID YOU FEEL WHEN YOU MISPLACED YOUR PHONE?



5...4... 3... 2...1...SKIP!

THE ONLY THING PEOPLE WATCH
IS THE SKIP BUTTON

Skip Ad ▶

WE'RE TOTES IMPATIENT!

Phantom vibration syndrome is the psychological phenomenon where you think you feel your phone vibrate when it hasn't.



In one study, 89% of subjects said they experience this at least once every 2 weeks.

**WE'RE POSSESSED
PHANTOM VIBRATIONS?!**



340 bn. cals burned. 2.8 bn. miles walked.
97 MILLION POUNDS LOST

QUESTION:

**Of All The Changes That Mobile
Has Created, What Has Mobile
Changed The MOST of All?**





It's Not How We've Changed To Mobile

Mobile's REAL REVOLUTION IS US!



It's How Mobile Has Changed Us

More Demanding!

Less Patient!

Lower Thresholds!

New Behaviors!

1

**Mega-
Trend**



THE EXPECTATION! ECONOMY

Which Brands We Buy !

Why Business Models Succeed!

How Campaigns Get Buzz!

1

#InstaGrat: The Only Speed Is Real-Time Fast



2

Freedom & Control: No Limits ... No Restrictions!



3

Friction-Free Experiences Simplicity Over Complexity



Question:

**Digital Has Already Powered
Computers, The Web, And Mobile.
What Is Digital's NEXT Frontier?**



2

**Mega-
Trend**



The Physical World Is Digital's Newest Frontier

**The Web Breaks Out Of The Box—Outside The Screen—
And Into The World All Around Us**

From Smartphones ... To Smart EVERYTHING

The Last 10 Years: Mobile

**BILLIONS
Of Devices**



Connecting PEOPLE

The Next 10 Years: IoT

**TRILLIONS
Of Things**



Connecting THINGS

**Through IoT, We Are Taking The Smarts Out Of Smartphones
... And Placing Them Into Everything Else**



IoT: Digitizing The Physical World

A Physical Ecosystem Of Connected Objects, Products, And Places

SMART PARKING



CONNECTING THE MAGIC KINGDOM



SMART PILL BOTTLES



SMART AGRICULTURE



In Which Place Will Sensors Benefit Us The MOST?



BioSensors: Tiny Internal Sensors Caring For Us—Preventing Disease & Illness

The Web And Mobile Were Only The Warm-Up ...

NUMBER OF MOBILE
DEVICES PER PERSON

3

MOBILE DEVICES WORLDWIDE

9 BILLION

MOBILE ECONOMIC IMPACT

\$2 TRILLION

NUMBER OF POTENTIAL
IoT PRODUCTS PER PERSON

200!

NEW PRODUCTS WORLDWIDE

3.3 TRILLION!

IoT ECONOMIC IMPACT

\$19-\$32 TRILLION!



For The Oncoming Tsunami Of IoT's Economic Impact!

**In The Future:
Any Object That Is Not Responsive, Not Interactive, Or Not Smart:**



**Will Be Viewed As ...
Broken!**

Question:

**Of All The Concerns On Emerging Tech,
What Is The #1 FEAR?**

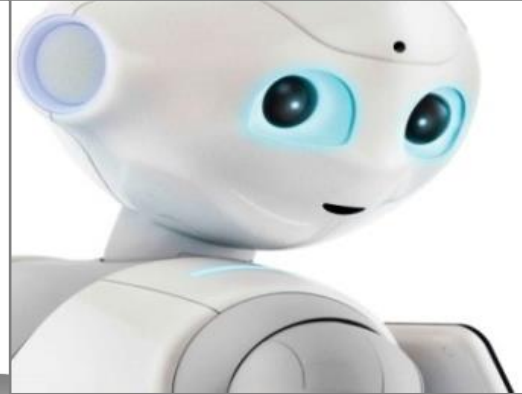
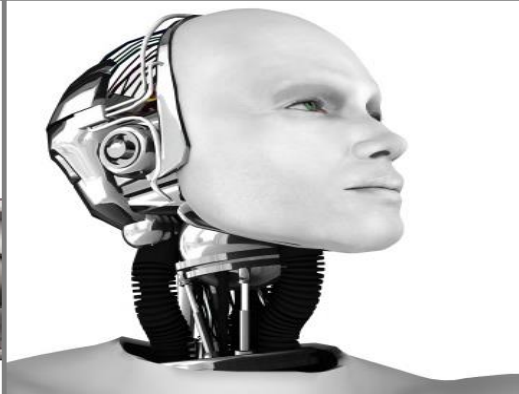
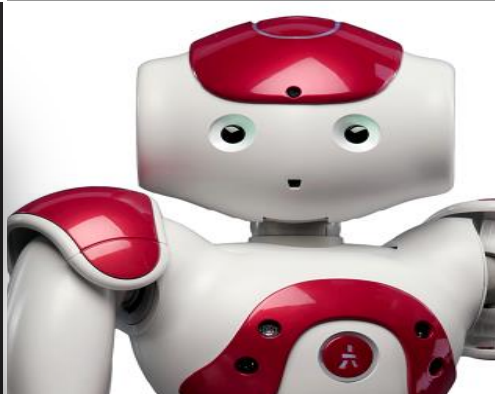




ROBOTS
Replace Us!
(And Take Our Jobs)

3

**Mega-
Trend**



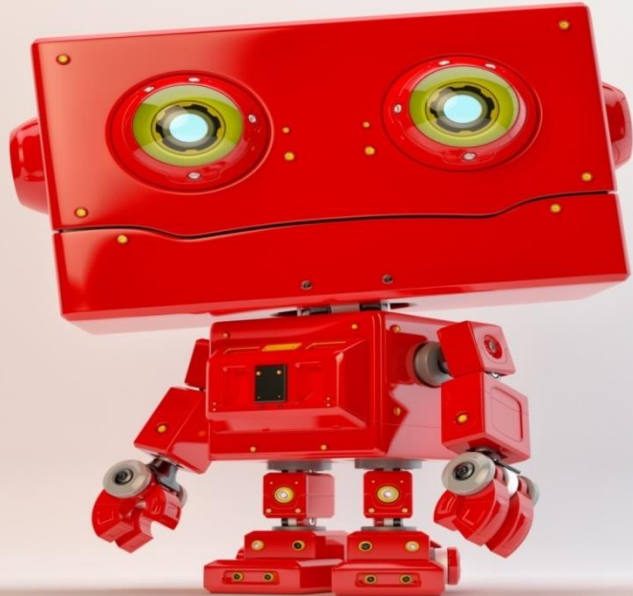
Man-And-Machine CIVILIZATION

The Rise Of The CoBots!

**Our Recent Past :
There's An
App For That**
#SMARTPHONES



**There's an App
For That**



Our Coming Future:
**There's A
Robot
For That**
#SMARTMACHINES

**Robots Will
Connect Us**



Robots Will Care For Us

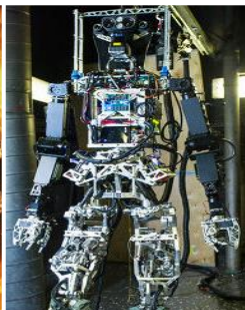


ROBOTS WILL KEEP US HEALTHY



BactoDrones

ROBOTS WILL PROTECT US



SWAT Bot Increases Safety for EMRs

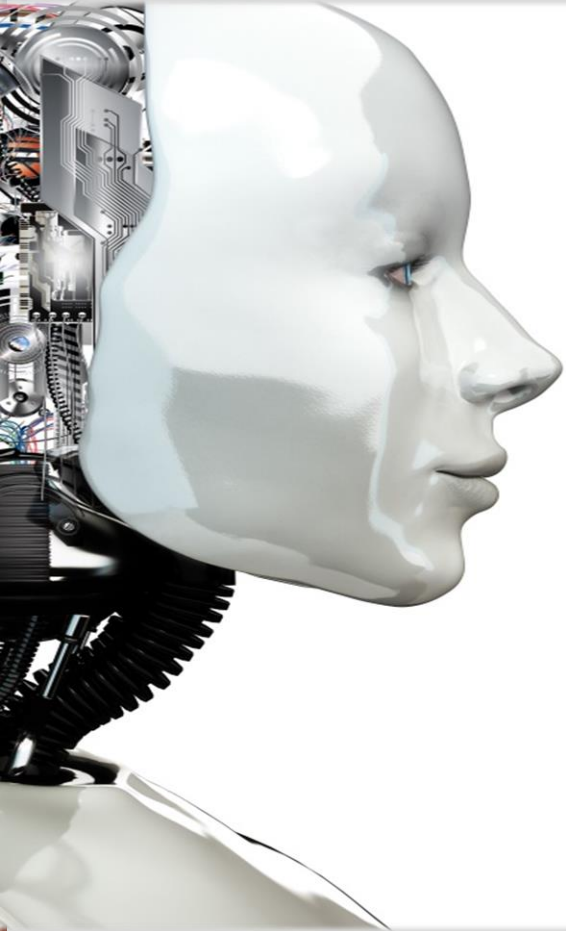


Drones Support EMR Efforts

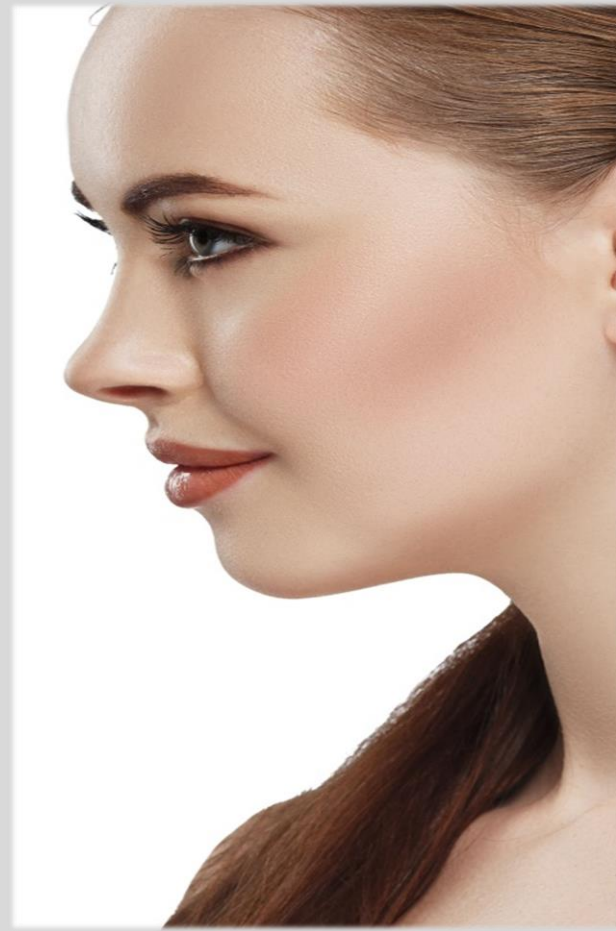


AND, YES, COBOTS WILL WORK WITH US





**By Working
TOGETHER,
Robots And
Humans
Will
COMPLEMENT
Each Other's
Skills**



CoBots: Collaborative Robots

1

Will Robots Take Over My Job?



Yes ... And No!

For The Most Part, Robots Will Be CoWorkers (CoBots) And Take Over Tasks That Humans Can't Do, Or Don't Do, As Well

2

Will Robots Make Some Jobs Obsolete?



Yes!

As With All Tech Revolutions, Many Jobs Will Be Automated—But Faster. Massive Reskilling And Continuous Learning Is MANDATORY

3

Will Robots Create New Opportunities?



Yes! Yes! Yes!

Web Designers, Data Scientists, & App Developers Didn't Exist 30 Years Ago. Start Preparing—And Make This a HUGE \$\$\$ Opportunity

As History Has Proven—And Robots Will Prove Yet Again:

**The Real Story of Automation
Is Not What It Replaces ...**

**But
What It
Enables**



What PERCENTAGE Of Your Time At Work

Is Spent On Mundane Tasks & Busywork That Doesn't
Benefit The Bottom Line Or Leverage Your EXPERTISE?

But

What If



**54% Of Managers' Time Is Spent On
Administration, Coordination And Control**

(Source: Accenture Survey of 1,770 Frontline, Mid-Level, And Executive-Level Managers From 14 Countries)

4

**Mega-
Trend**



**From The
Information
Age To ...**

**THE
INTELLIGENCE ERA**



Big Data:

Capturing The Invisible

Turning All The Aspects Of Our Lives Into Data To:

- 1. Better Understand Our World**
- 2. Solve Problems That Have Forever Eluded Us**
- 3. Create New Forms Of Value**
- 4. Wield New Competitive Advantages**

Data We Produce!



Data From Sensor-Laden Objects!



Data From Connected Health!



From Humanity With More Machines ... To Machines That Do More For Humanity

Apple Siri

Google Now

Windows Cortana



AMBIENT INTELLIGENCE



INTELLIGENT APPS

INTELLIGENT ASSISTANTS



INTELLIGENT FEATURES

x.ai is a personal assistant
who schedules meetings for you.

Add email to meeting list



**"In The Future, Every Decision That Mankind Makes Is
Going To Be Informed By A Cognitive System Like Watson:**

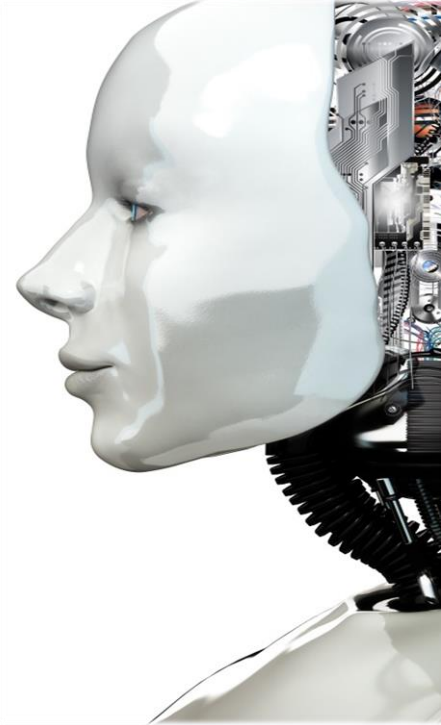
**And Our Lives Will
Be Better For It."**

Ginni Rometty, President & CEO, IBM

AI: Our Greatest Collaborator



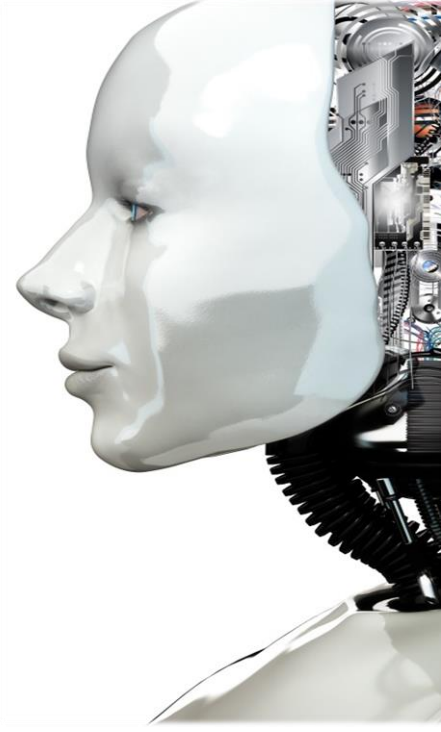
**What Is The
Most Compelling
Reason That
21st Century
Businesses Will
Have To Adopt
Big Data & AI?**





**21st Century Businesses
Live And Die By
The Decisions
They Make ... And How
Quickly They Act.**

**Big Data & AI
Drive Better Decisions.**



The Issues, Opportunities, And Stakes Are MUCH Higher—And Highly Complex

Predicting Risk In Financial Markets

Anticipating Customer Behavior

Competing Globally

Thwarting Terrorism

Managing Traffic

Optimizing Supply Chains

Climate Change

Personalizing Medicine

Treating Chronic Diseases

Ending Extreme Poverty

Preventing Pandemics

5



The Next-Gen Web

**Mega-
Trend**

**New Ways To Access,
Interact With & Experience The Web**

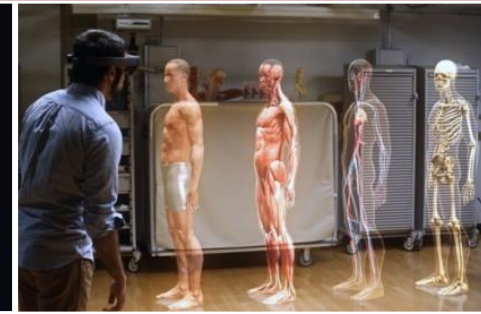
DEVICES:
From Portable To WEARABLE

PLATFORMS: From Textual To VISUAL

Augmented Reality

Virtual Reality

Mixed Reality



**The Web Will Change More Over The
Next 5 Years Than Through The Past 25 !**



Navigation: From Typing & Tapping To CONVERSATIONAL

TECH: Centralized To Decentralized

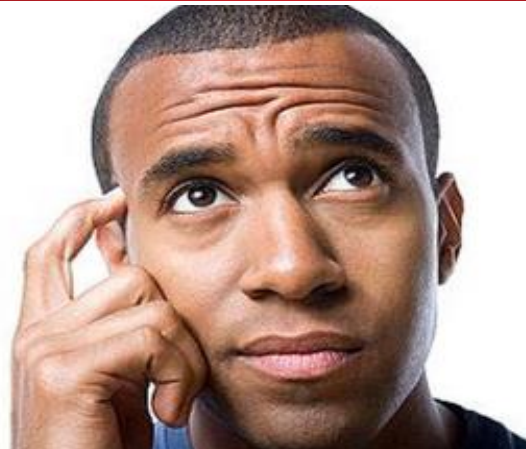
**In Just A Handful Of Years
We'll Look Back On The Web We Currently Know ...**



**And Find It Positively
OLD SCHOOL!**

QUESTION:

**What Is The BIGGEST Change
Coming To The Web By 2020?**





THE NEXT BILLION

COME ONLINE VIA SMARTPHONES

1st Billion: 2005

2nd Billion: 2010

3rd Billion: 2014

5 BILLION BY 2020

WW Population: 7.3 Billion (3.46 Billion Online In 2016)

5

Mega-Trends

#1

THE EXPECTATION ECONOMY



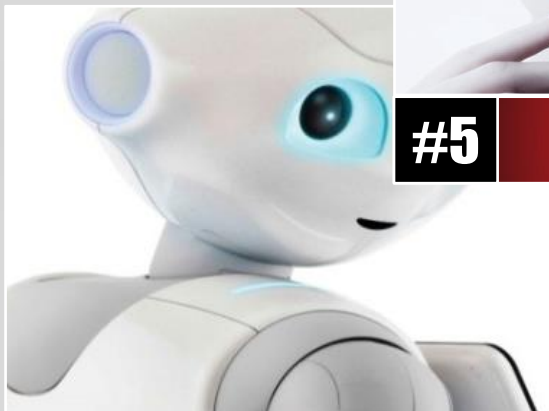
#2

DIGITAL'S NEW FRONTIER



#5

THE NEXT-GEN WEB



#4

THE INTELLIGENCE ERA



#3

MAN-MACHINE CIVILIZATION



TYVM!

(Thank You Very Much!)

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allthingsCK.com