

TECH TRENDS

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Changing Organizations and Society

Exponential Change

➤ **3.5 Billion** Google searches every day
In 2006, this number was 123 Million

➤ Years it took to reach **50 million**:

Radio: 38 years ♦ TV: 13 years ♦ Internet: 4 years ♦ iPhone: 3.5 years
♦ Facebook: 2 years ♦ Instagram: 1.5 years ♦ Google+: 6 months

➤ **1 Trillion**-fold increase in processing power...
...since the first commercial computer (1956) (IBM 305 RAMAC)

➤ Every day...**2.5 QUINTILLION** bytes of data
90% created in the last two years alone



BIG

Data

DATA *is the new* OIL

Structured



UnStructured



WINNING *with* DATA

*“Those who
USE
it best...win!”*



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The
INTERNET
Of
THINGS



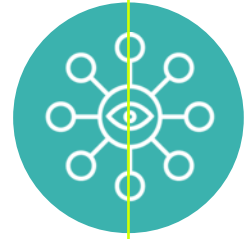
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TECH *is in* EVERYTHING



3 BILLION

IoT devices in 2015



25 BILLION

IoT devices by 2020

Source: Gartner 2016



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Artificial *Intelligence*



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Now we can program

COMPUTERS

to collect/analyze data



By 2020, **85%** of
customer
interactions
managed without
a human



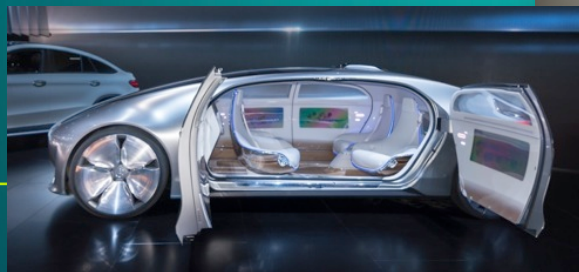
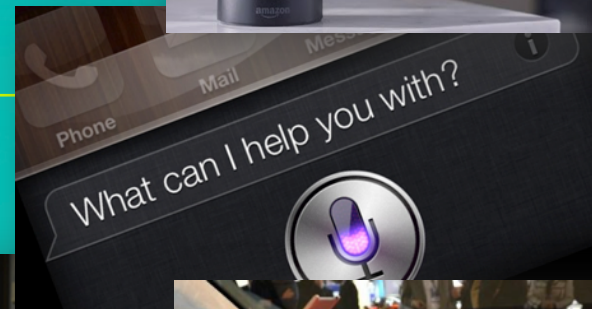
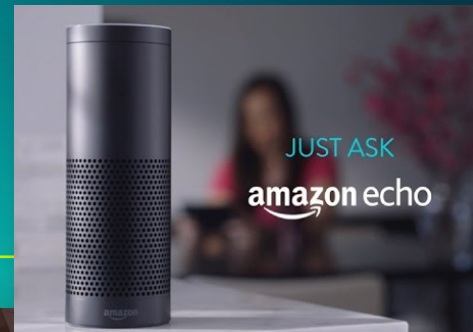
IBM **Watson**



Google DeepMind

Next... build algorithms so computers can

MAKE DECISIONS



4

CYBERSECURITY

71% of organizations compromised by a successful cyber attack in past 12 months



Last year 594 million people worldwide were victims of online cybercrime

\$2.1 TRILLION by 2019 projected cost of cyber attacks



Only 10% of executives fully confident in IOT security

\$1 billion in losses will be incurred in 2016 from ransomware alone. (FBI)



With great **POWER** comes great
RESPONSIBILITY

MUST READ BALLMER: I MAY HAVE CALLED LINUX A CANCER BUT NOW I LOVE IT

Special Report: Stuxnet may be the Hiroshima of our time

Is using preemptive cy



By David Gewirtz for ZDNet Gove

SECTIONS



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The New York Times

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TECHNOLOGY

Cybersecurity Firm Says Chinese Hackers Keep Attacking U.S. Companies

Newsweek



TECH & SCIENCE

U.S. MILITARY LAUNCHES CYBERATTACKS AGAINST ISIS

BY ANTHONY CUTHBERTSON ON 3/2/16 AT 9:18 AM

Most Read

- The Robots Sent Into Fukushima Have 'Died'

THE GOOD

*Multi-Factor
Authentication*

Biometrics



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VIRTUAL
REALITY



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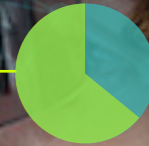


2016 is the year of VR/AR

GROWTH IN INVESTMENT:

\$93MM was invested in VR/AR in 1H 2014.

\$248MM invested in 1H 2015



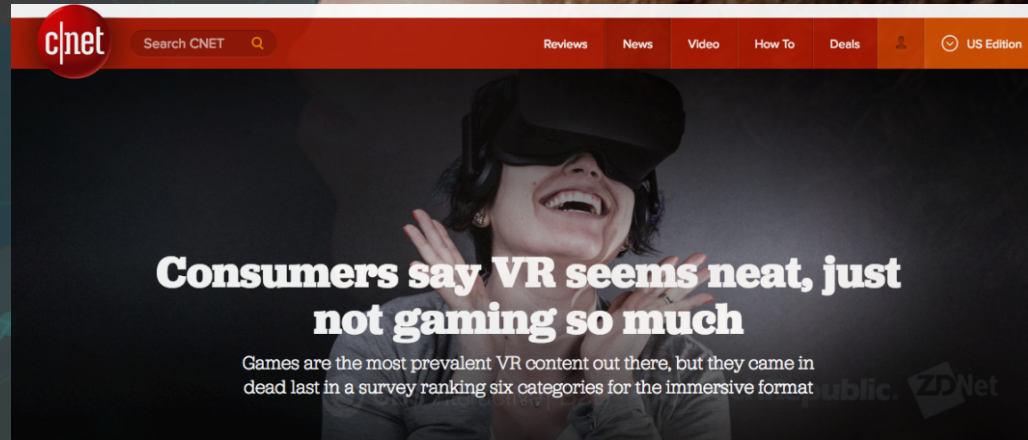
67% considering adoption of augmented reality in the enterprise

PROJECTED GROWTH IN VR REVENUE:

\$2.18B was invested in 2016.

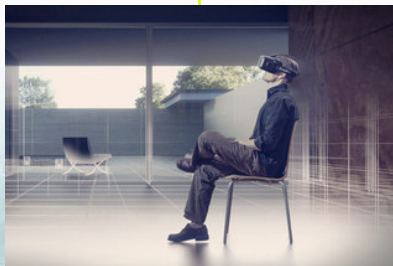
\$7.2B invested in 1H 2020

Source: eMarketer 2015; TechProResearch 2016



Takin' care of

BUSINESS



Training

Education

Marketing

Healthcare



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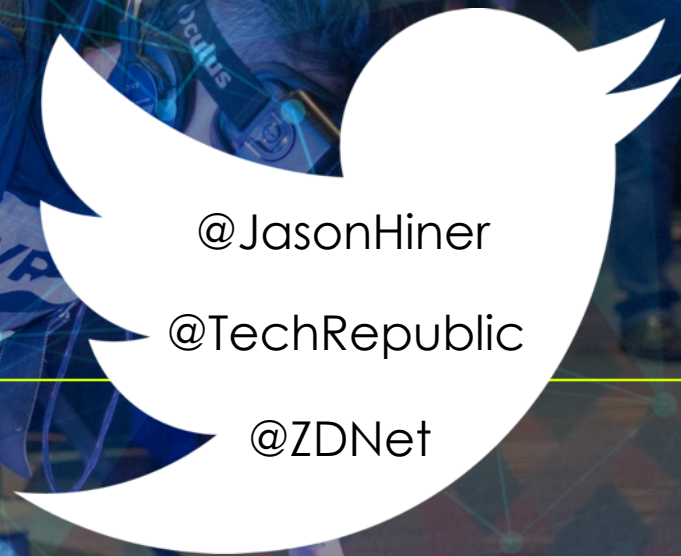
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Thank
YOU.



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