

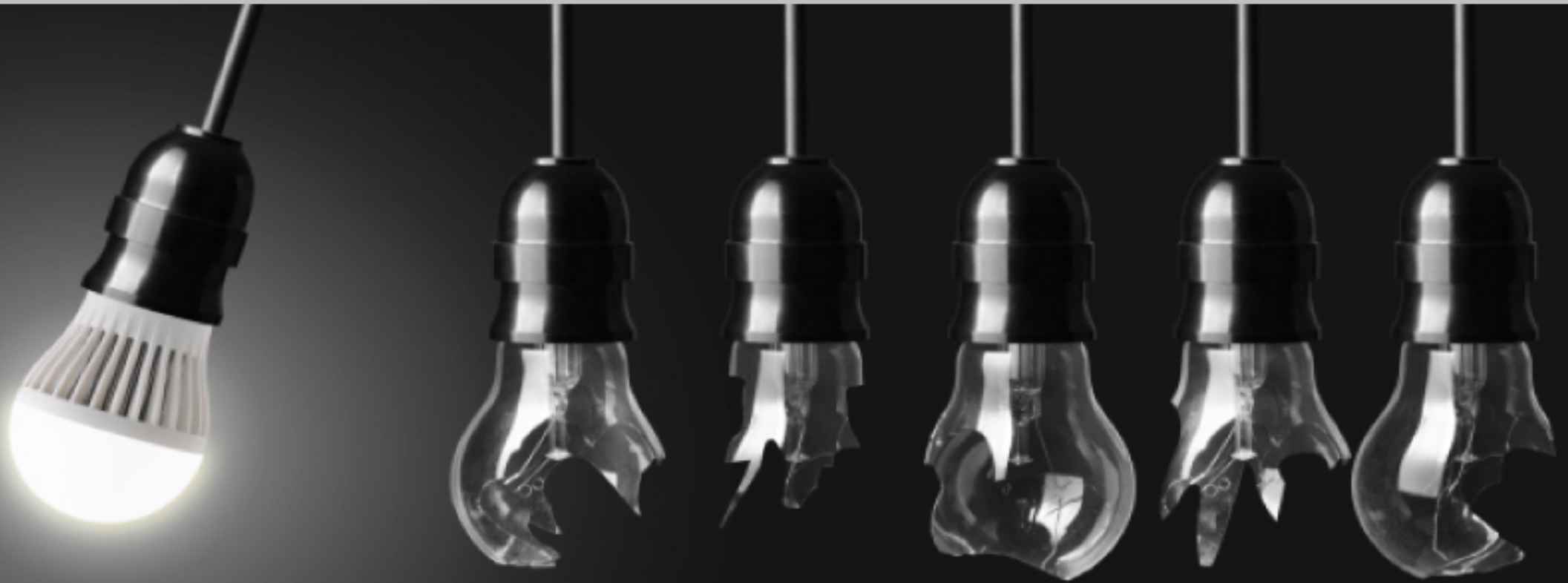


IOT: CHANGING PERSPECTIVES

Ritchie Somerville

Innovation and Futures Manager

IOT DISRUPTION



WHERE WILL IT HAVE IMPACT?

People



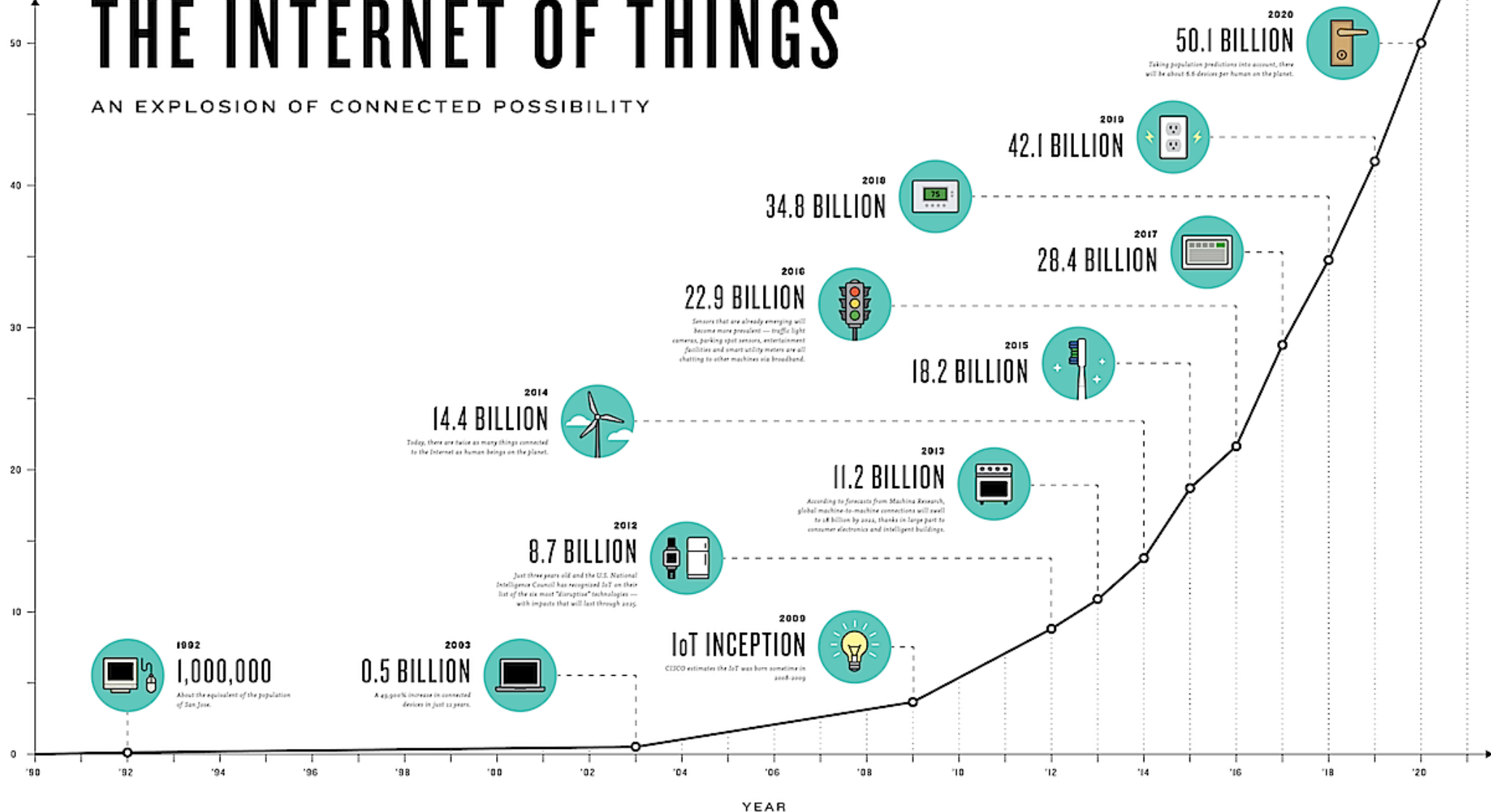
Place



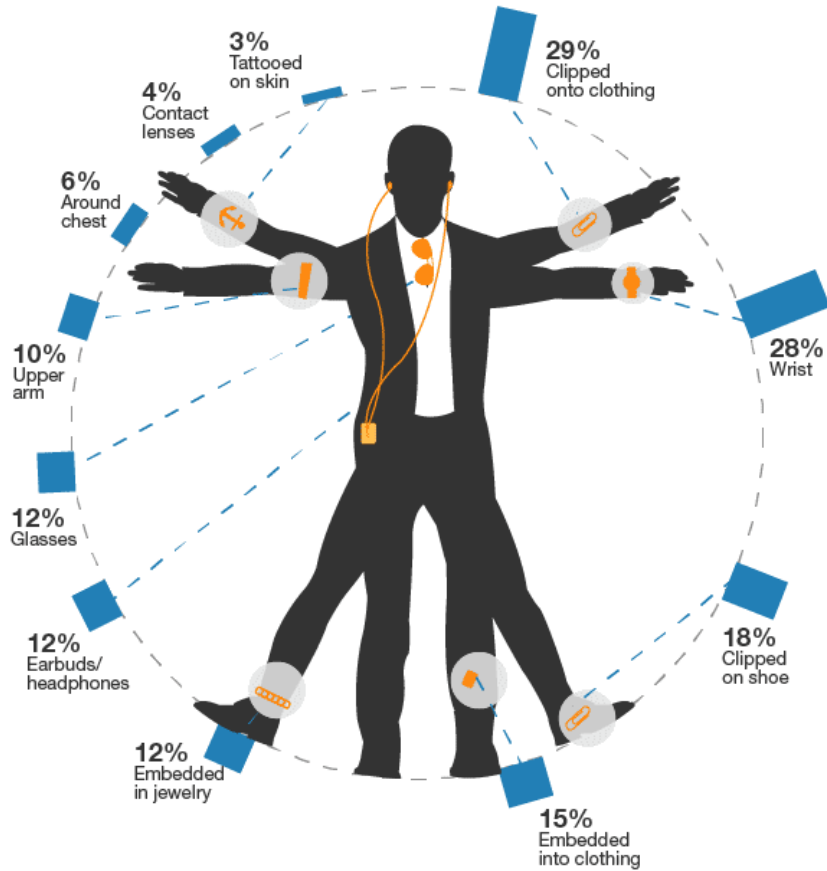
THE INTERNET OF THINGS

AN EXPLOSION OF CONNECTED POSSIBILITY

BILLIONS OF DEVICES



"How would you be interested in wearing/using a sensor device, assuming it was from a brand you trust, offering a service that interests you?"



Base: 4,657 US online adults (18+)
(multiple responses accepted)

Source: North American Technographics® Consumer Technology Survey, 2013

97141

Source: Forrester Research, Inc.

FROM HEAD TO TOE WEARABLE TECHNOLOGY

SHIRT

Conductive thread means a computer is literally built into the fabric of the shirt, providing the processing power for all the other wearable gadgets.

GLASSES

Overlays navigation directions and information about points of interest directly on to the wearer's field of vision.

WRISTWATCH

Vibrates when a message arrives and displays it on the watch face. Tells the time too.

WRISTBAND

A sensor that tracks movement to determine the number of steps taken through the day – 10,000 is ideal – and how much sleep the wearer gets at night.

HAND

Embedded under the skin is a chip containing medical records, passport data and credit records. Information is transferred by waving the hand over a suitable scanner.

TROUSERS

Also made with conductive thread, the trousers take the energy generated by movement and use it to power the other gadgets.

SHOES

GPS chip provides directions using LED lights in each shoe: the left shoe indicates direction, while the right shows distance.

GRAPHIC: JOHN BRADLEY

SENSOR DRIVEN INSIGHT TO SERVICE DEMAND



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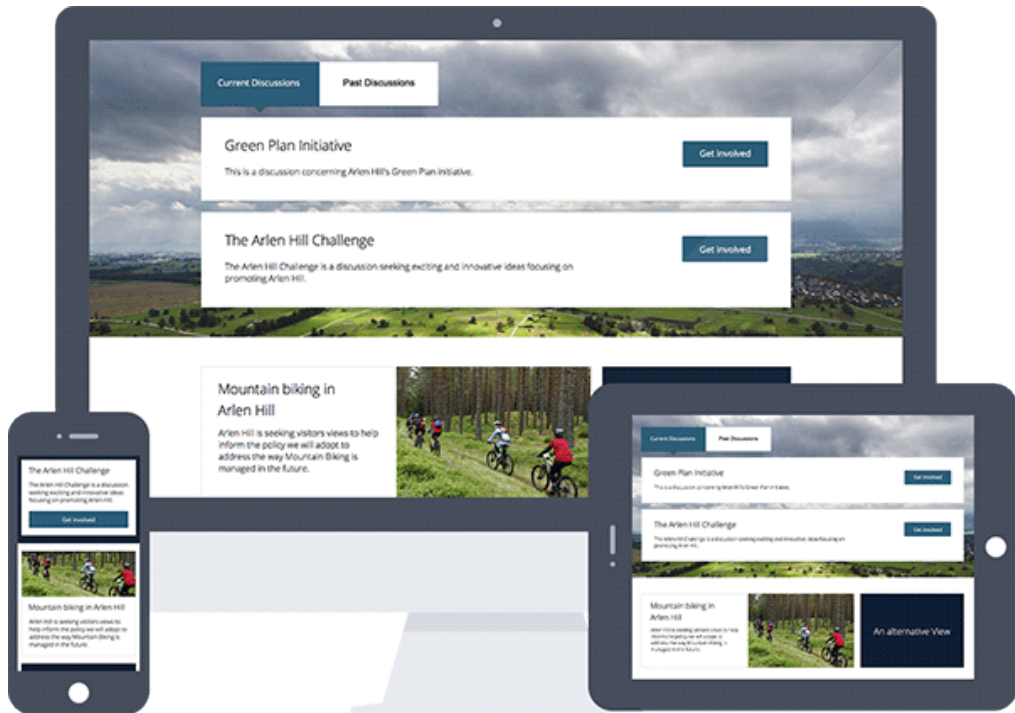


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CITIZEN-SOURCED DATA FOR CHANGES TO SERVICE OFFERINGS

- The Rise of the **Age of Reference**



Dialogue App



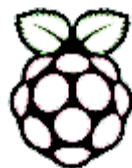
Participation Next
"Connecting citizens"

CGI

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SENSING THE FUTURE

cooking hacks



This e-Health Sensor Platform Complete Kit allows you to get a complete First Aid Kit for Makers. It includes:

- e-Health Sensor Shield for Arduino and Raspberry Pi
- Pulse and oxygen in blood sensor (SPO2)
- Airflow sensor (breathing)
- Body temperature sensor
- Electrocardiogram sensor (ECG)
- Glucometer sensor
- Galvanic skin response sensor (GSR sweating)
- Blood pressure sensor (sphygmomanometer) V2.0 New Sensor
- Patient position sensor (Accelerometer)
- Electromyography Sensor (EMG) New Sensor