The Internet of Things

Maish Nichani, PebbleRoad

What is the IoT?

Physical things

Smartness

Connectivity

Amazon Dash button

Place it. Press it. Get it.

Dash Button comes with a reusable adhesive and a hook so you can hang, stick, or place it right where you need it. Keep Dash Button handy in the kitchen, bath, laundry, or anywhere you store your favorite products. When you're running low, simply press Dash Button, and Amazon quickly delivers household favorites so you can skip the last-minute trip to the store.

Nest thermostat

Keeps you comfortable.

TAKE A TOUR WITH NEST

Big Ass Fans

Introducing

Haiku® with SenseME™ Technology

SenseME knows when you enter or leave a room, turning Haiku on and off automatically.
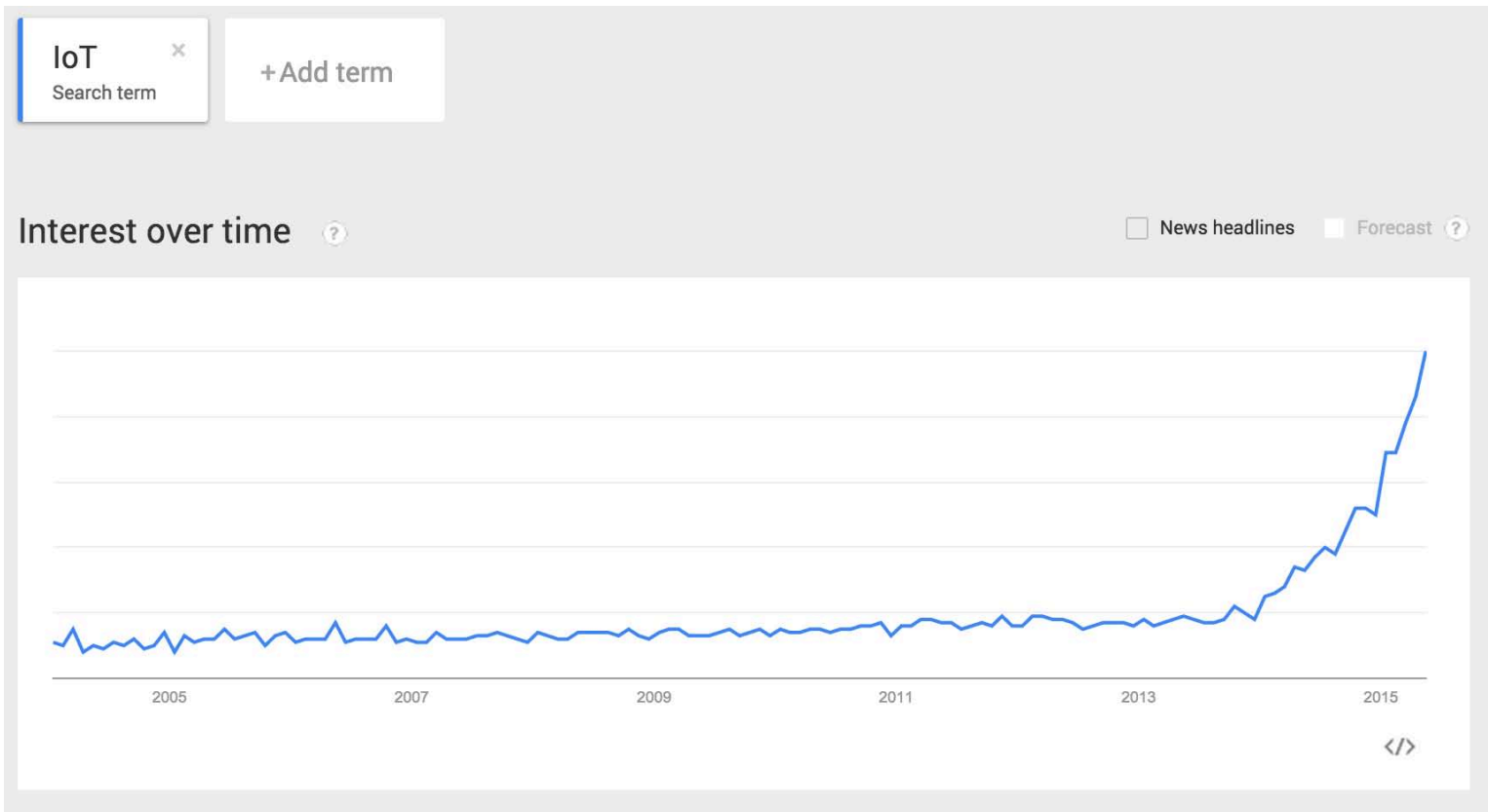
SenseME monitors the room's temperature and humidity, adjusting fan speed when conditions change.

SenseME learns your comfort preferences, tailoring fan speed adjustments to what you find comfortable.

Google says IoT is hot!

Singapore says IoT is hot!

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WE SET YOU THINKING

TODAY

MediaCorp   TUESDAY, 26 MAY 2015   MCI (P) 046/06/2014

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FIRST WOMAN PROVOST
SMU names Prof Lily Kong as new provost — the first woman in S'pore to hold the position
HOT NEWS • 10

1,400 FLATS IN PUNGGOL TO BE OFFERED

HDB's first smart homes go on sale tomorrow

High proportion of two-room units suggests flats are aimed at tech-savvy singles, elderly: Analysts

ALFRED CHUA
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SINGAPORE — The Housing and Development Board's (HDB) first batch of about 1,400 smart homes will be launched for sale tomorrow, and analysts said yesterday that all eyes will be on the demand for these pricier units as private developers jump on the bandwagon of next generation homes.

The prices of the smart homes in Punggol — which are expected to be completed in the second quarter of

A member of the Malaysian forensic team carrying bags of human remains found at the abandoned camps on the Malaysia-Thailand border in Wang Kelian, Malaysia yesterday. PHOTO: AP

Malaysia finds 139 graves of

come," Mr Najib said.
Earlier yesterday, Mr Najib said he was deeply concerned about the

Market opportunity

212 BILLION
Total number of available sensor enabled objects by 2020

30 BILLION
Sensor enabled objects **connected to networks** by 2020

212B is **28x** the total population of the world

Cost savings from efficiencies

The real change

Aaron Levie ✔
@levie

Enterprise software used to be about making existing work more efficient. Now, the opportunity for software is to transform the work itself.

RETWEETS 369 FAVORITES 278

12:42 PM - 10 Apr 2015

Source: https://twitter.com/levie/status/586388783785873408
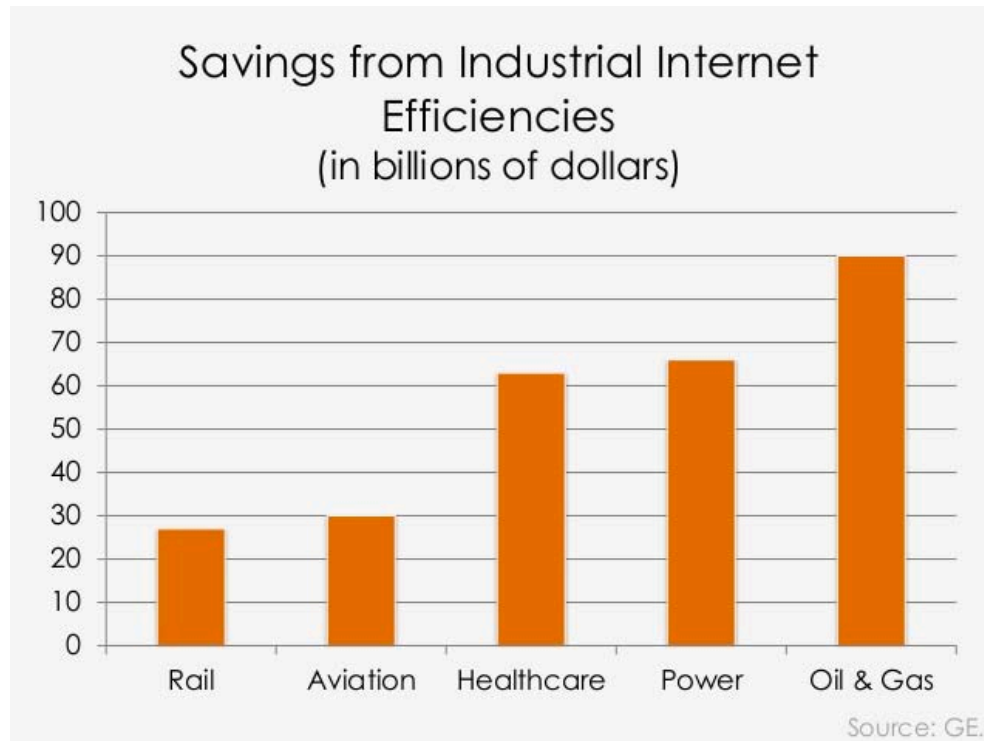
Why IoT now?
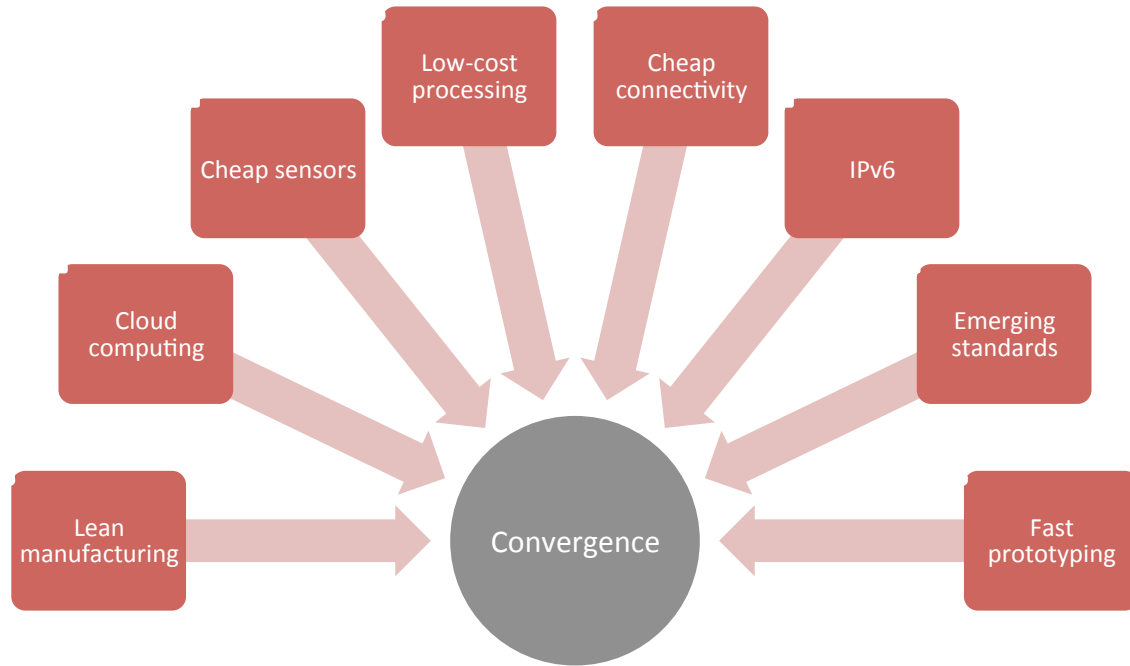
Live prototype of UV monitor

- Arduino

- UV sensor

- Wifi shield
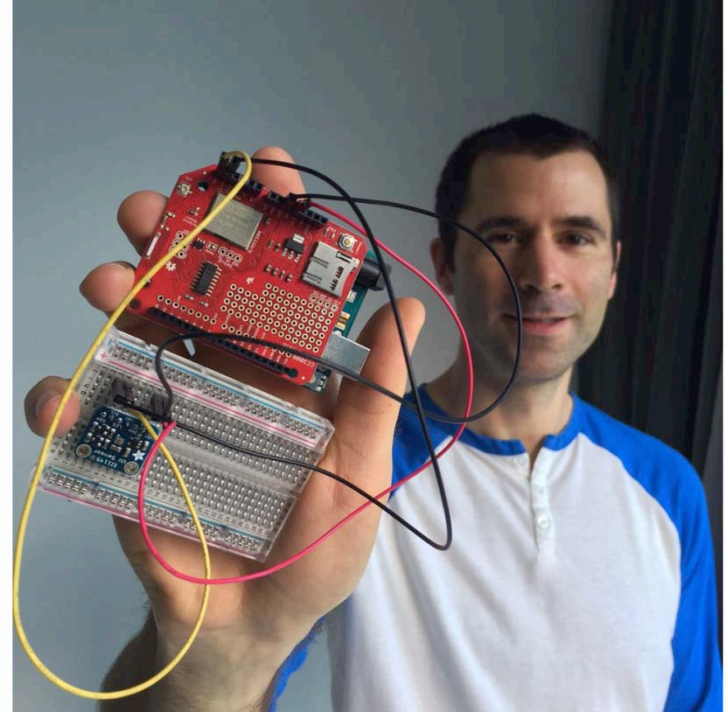
IoT capabilities

Monitoring	• Look out and report
Control	• Take actions
Optimisation	• Adjust and optimise
Autonomy	• Work in the shadows

Monitoring

the world's smartest
baby monitor

BUILD YOUR OWN

Control

Optimisation

Autonomy

IoT and KO

Privacy

Security