



The Internet of Things & What Does it Mean to Fabrics, Anyway?

#OFADevWorkshop

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Smart Loos, and Cupcakes, and Kegs ... Oh my!

- 50 Billion devices by 2020



Blood Pressure Monitor CC2.0 Flickr-HazPhotos; Withings WiFi Body Scale CC2.0 Flickr-bflshadow

Smart Cities & IoT

Saving Lives, Creating Jobs, Growing the Economy



OPENFABRICS
ALLIANCE



Pennsylvania Ave Bike Lanes-0954 CC2.0 Flickr-thisisboss;
ambulance CC2.0 Flickr-steelman204; Save yourself! CC2.0
Paul Lewis(UK); I Heart Pollen CC2.0 Flickr-Brooke Novak



Wearables



OPENFABRICS
ALLIANCE

A Timex with Bluetooth ... for now

- IoT worn on your body
- Health, Fitness, & Medical
- Privacy: Security's Half-Sibling



Wonder Woman © American Broadcasting Company: Fair Use (parody)

IoT Will Feed Big Data



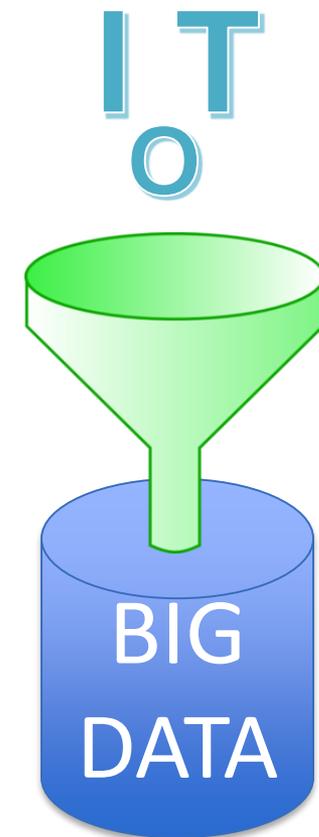
Ubiquitous
Sensors



Standard
Comms



Distributed
Computing

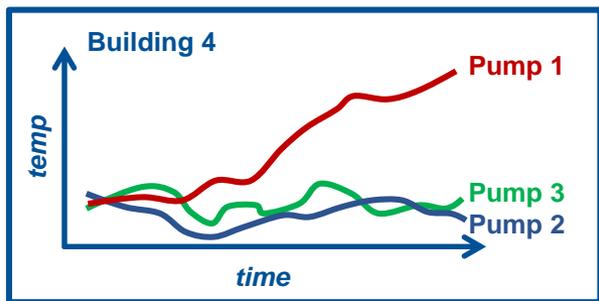


[Zettabytes]

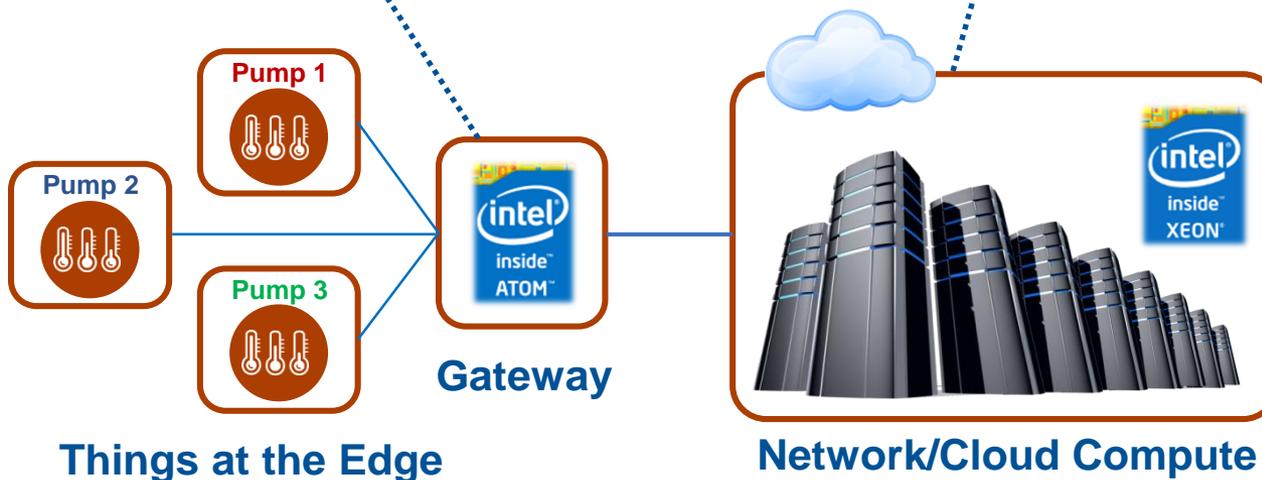
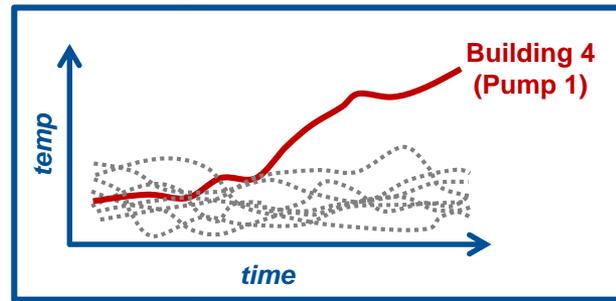
Cat 5 Cable, CC 3.0 SA Wikipedia User: Fo0bar;
Accelerometer CC2.0 Flickr-Adafruit 8 pack 900
CC2.0 Flickr-Adafruit Industries

Distributed Analytics: Insight from Edge to Cloud

Analytics at the Edge



Analytics in the Cloud



IoT Summary

- 50B devices by 2020
- Zettabytes
- IoT → Big Data
- Analytics → Insights
- Insights → Services



A Profound Impact
Even in just the next 5 years





Thank You



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