



# 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



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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



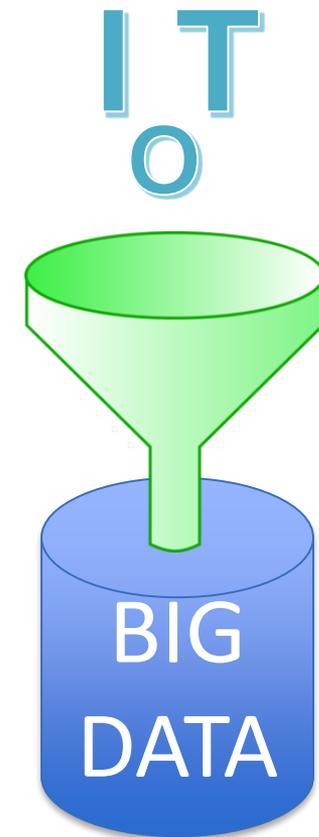
Ubiquitous  
Sensors



Standard  
Comms



Distributed  
Computing



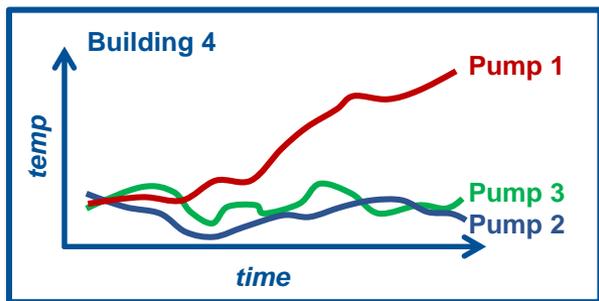
[Zettabytes]

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

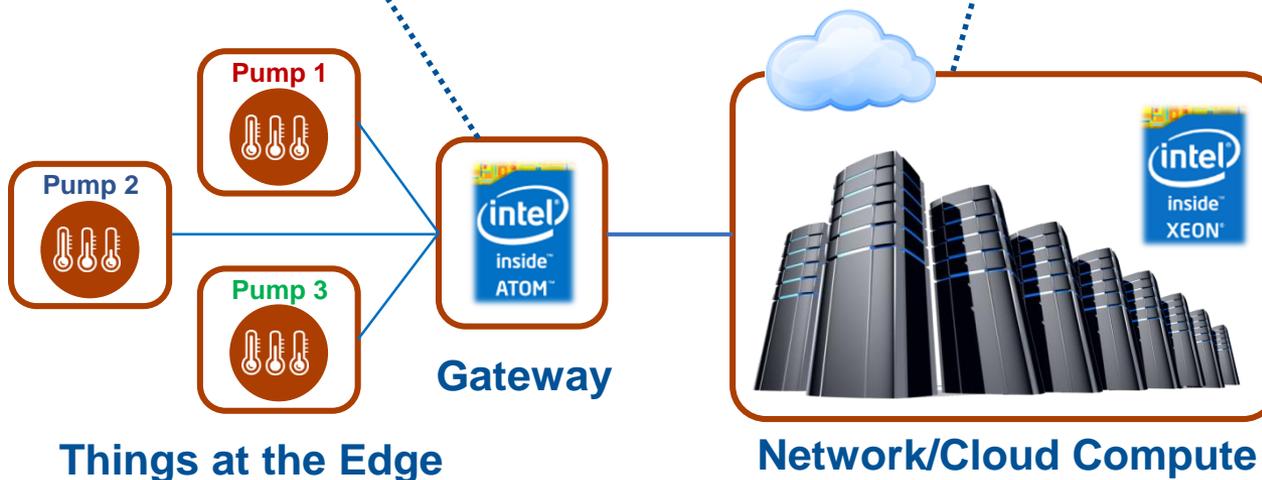
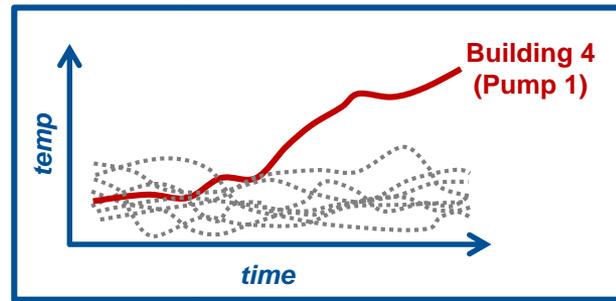


# Distributed Analytics: Insight from Edge to Cloud

### 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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