Emerging Issues:

Wearables!

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CIAJ – Privacy in the age of information

15-17 October 2014, St. John's



Outline

- What is a wearable?
- What information are we talking about?
- Privacy and policy issues raised by wearables.



What are wearables?

- Electronic devices that you "wear" that are used for communication, data creation/collection or both.
- Often have limited storage capabilities, so often data is stored in another device or with a service provider.





Different form factors - Watches





Different form factors - Watches



Different form factors - Watches

Garmin GPS runners' watches





Different form factors – cameras



Different form factors - cameras



Different form factors - camera watch



Fitness bands



FitBit





Fitness bands



Multi-function fitness wearables

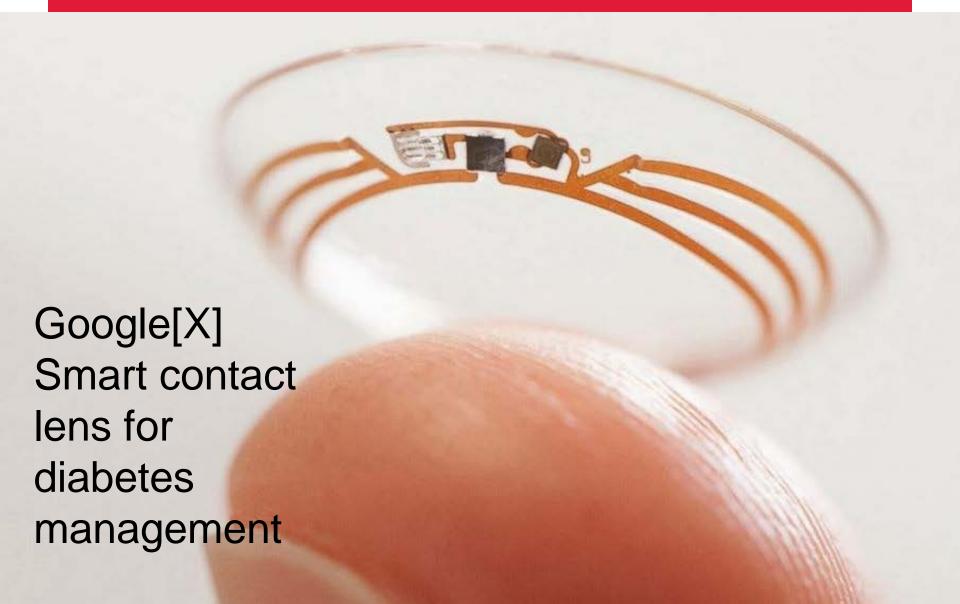


Shoe sensors



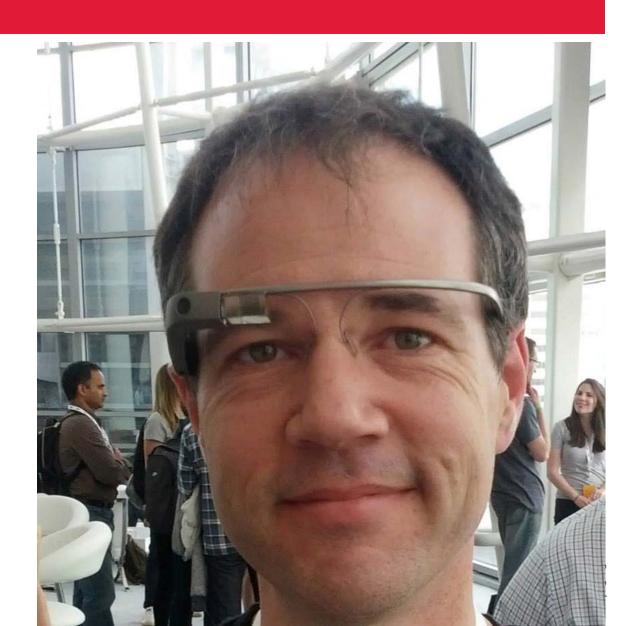


Smart contacts



Platforms

Google Glass



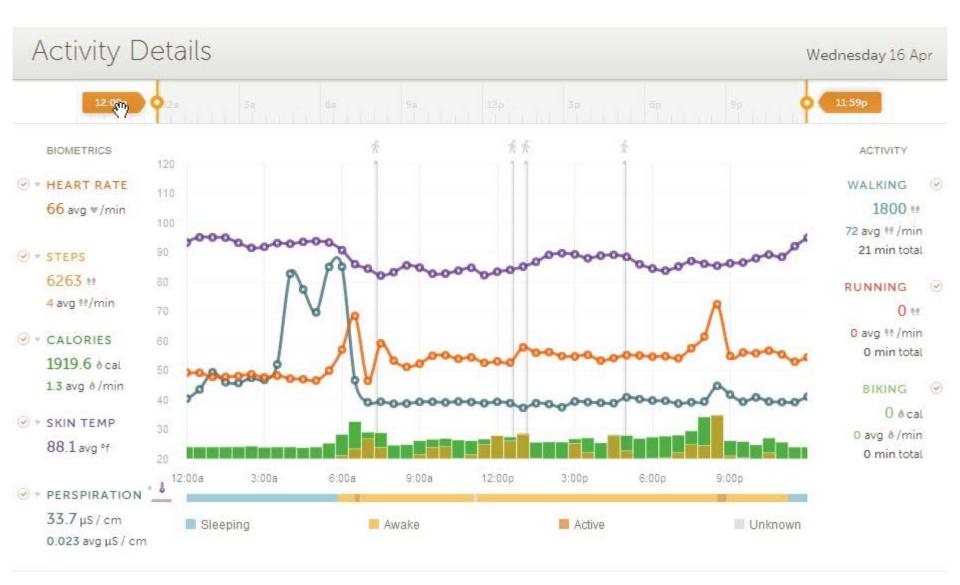
What data do they generate?



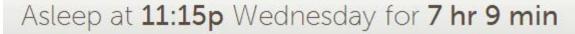
What data? - Basis Band



What data? - Basis Band

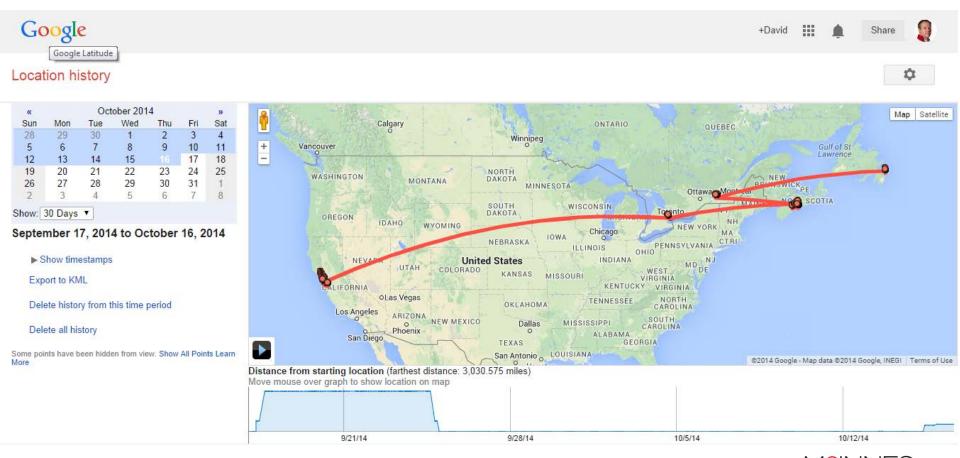


What data? - Basis Band

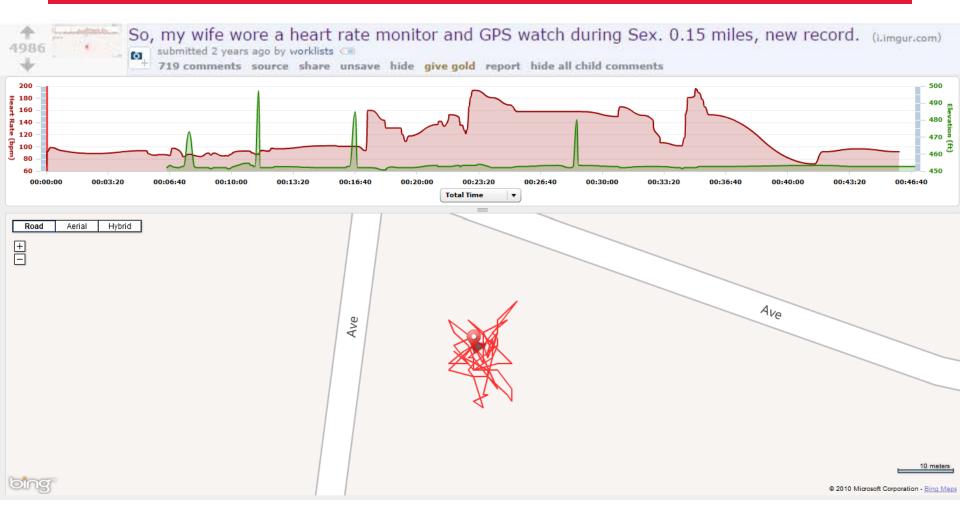




What data? - Google maps <u>opt-in</u>



GPS + Heart rate monitor





Privacy and policy issues



Why? What's driving this trend?

- Because you can ...
- "Quantified self"
 - if you can't measure it, you can't manage it
 - Self-discovery, self-actualization
- Tendency to record everything in one's life



Zomg! Panic!

- New technologies that may be disruptive or cause unease often lead to
 - Techno-panic...
 - Worst case scenarios...
 - Calls for law reform ...
- Disasters almost never come to pass

"KODAK FIENDS" AT NEWPORT.

Protesta Against About the Cottage Colony.

Special to The New York Times.

NEWPORT, Aug. 17.—If the laws of this State can reach the "kodak flends," some of the married men of the cottage colony will take the cases into the courts, and action will be brought against the aforesaid "flends" and their employers. All over the avenue the women are constantly brought face to face with a kodak and snapped, and a few days afterward the newspaper sending the kodak operator here, prints the alleged pictures, which, in some cases, have not been flattering. According to common report, one of the cottagers went to his lawyer this morning to ascertain if the laws were so framed that an assault could be charged against those who use a kodak against the will of the people who object to being so photographed.

About the cottage colony there is a decided rebellion against the promiscuous use of photographing machines, and threats are being made against any one who continues to use cameras as freely as has been done in the past few weeks especially. About the Casino entrance kodak flends have been very numerous during the week, snapping pictures of the ladies caming out from the action will be brought against the aforesaid

very numerous during the week, snapping pictures of the ladies coming out from the

tennis tournament





Google Glass Is Banned On These Premises



Recent techno-panic

- Remember the panic about camera phones ...
 - In workplaces?
 - In locker rooms and change rooms?
- Did it come to pass?





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News Release

Data protection authorities urge Google to address Google Glass concerns

Ottawa, June 18, 2013 — Privacy Commissioner of Canada Jennifer Stoddart and 36 of her provincial and international counterparts have issued a joint letter urging Google Inc. to respond to questions and concerns related to Google Glass, the company's new Internet-connected glasses.

"Google Glass raises significant privacy issues and it is disappointing that Google has not engaged more meaningfully with data protection authorities about this technology. We are urging Google to take part in a real dialogue with us about Google Glass," says Commissioner Stoddart.

We are writing to you as data protection authorities to raise questions from a

The letter is as follows:

Mr. Larry Page Chief Executive Officer Google Inc. 1600 Amphitheatre Parkway Mountain View, California USA 94043

Dear Mr. Page:

GO

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Anne-Marie Havden

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Address:

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To do

- Calm down, take a deep breath
- Remember, our privacy laws are technologyneutral and are intended to be applied to a diversity of technologies
- Go back to first principles



First principles ...

- What is really different?
- Subtract the new technology and think about
 - What information is being collected?
 - By whom?
 - Under what circumstances?



Privacy analysis

- Technologies are not subject to privacy laws ... technologies and tools are neutral.
- Can be used for good or evil.
- Statutes ... Collected, used and/or disclosed in the course of commercial activities
- Torts ... Intrusion upon seclusion ... "highly offensive"?



But ...

- Digital data trail digital exhaust
- If it exists, it can be produced, discovered, etc.





Atlantic Canada's Law Firm