

some quick thoughts on hci and privacy

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user centered design



user centered design



... when people don't know the risks?

... when evaluation often lacks ecological validity?

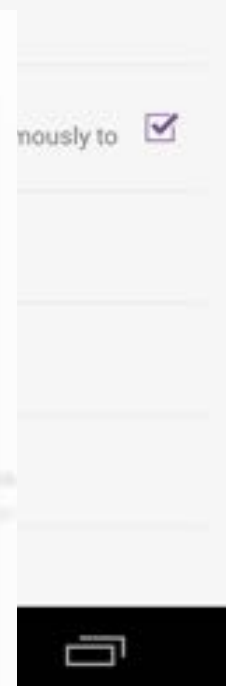
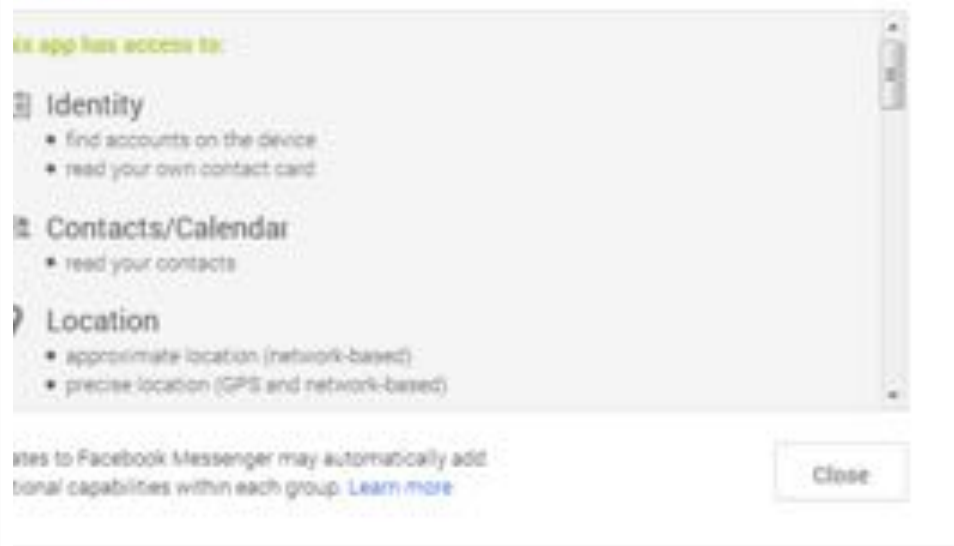
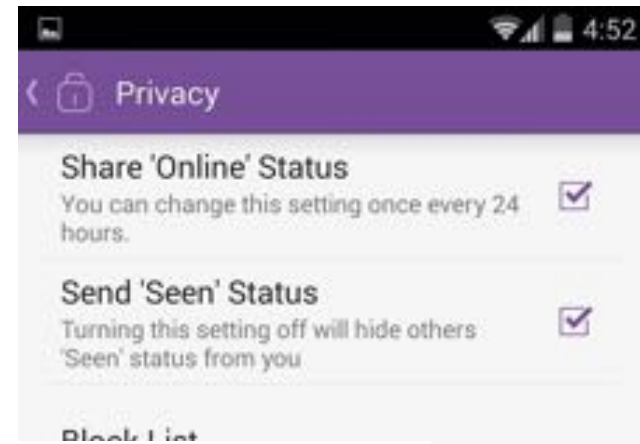
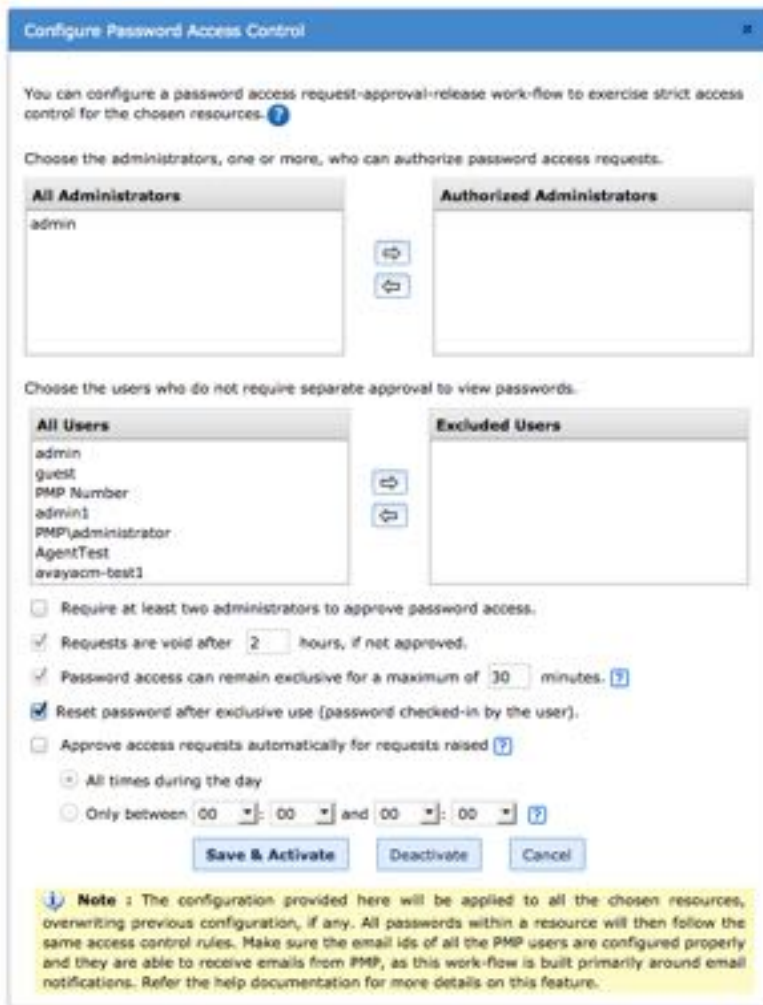
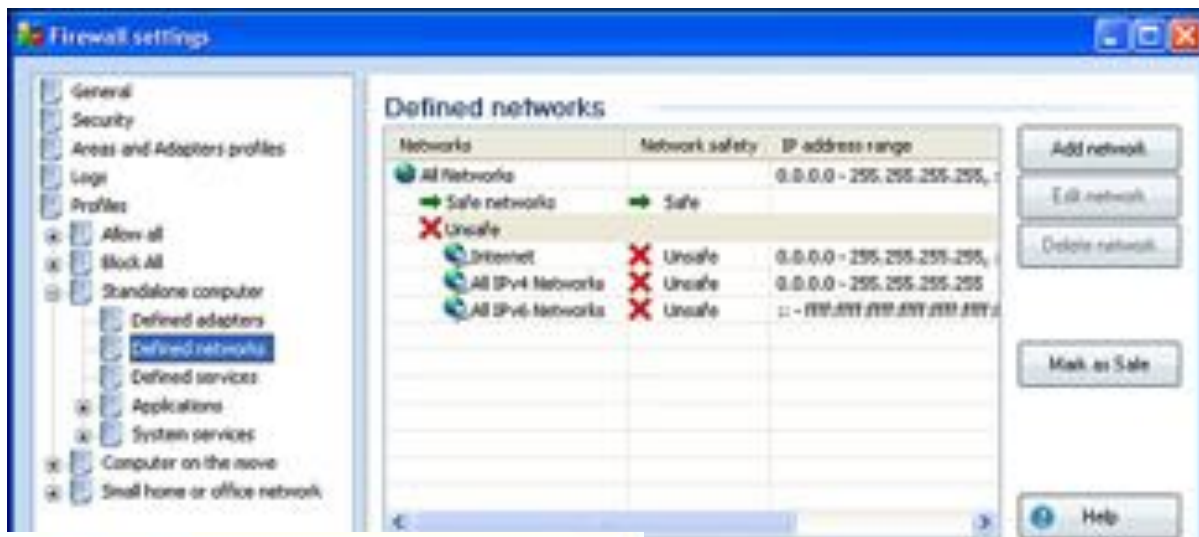
... when privacy trades off against the very concerns
this method is meant to call attention to (e.g., usability)

... when a variety of externalities push against people's
abilities to control their privacy?

encroaching externalities



infrastructure



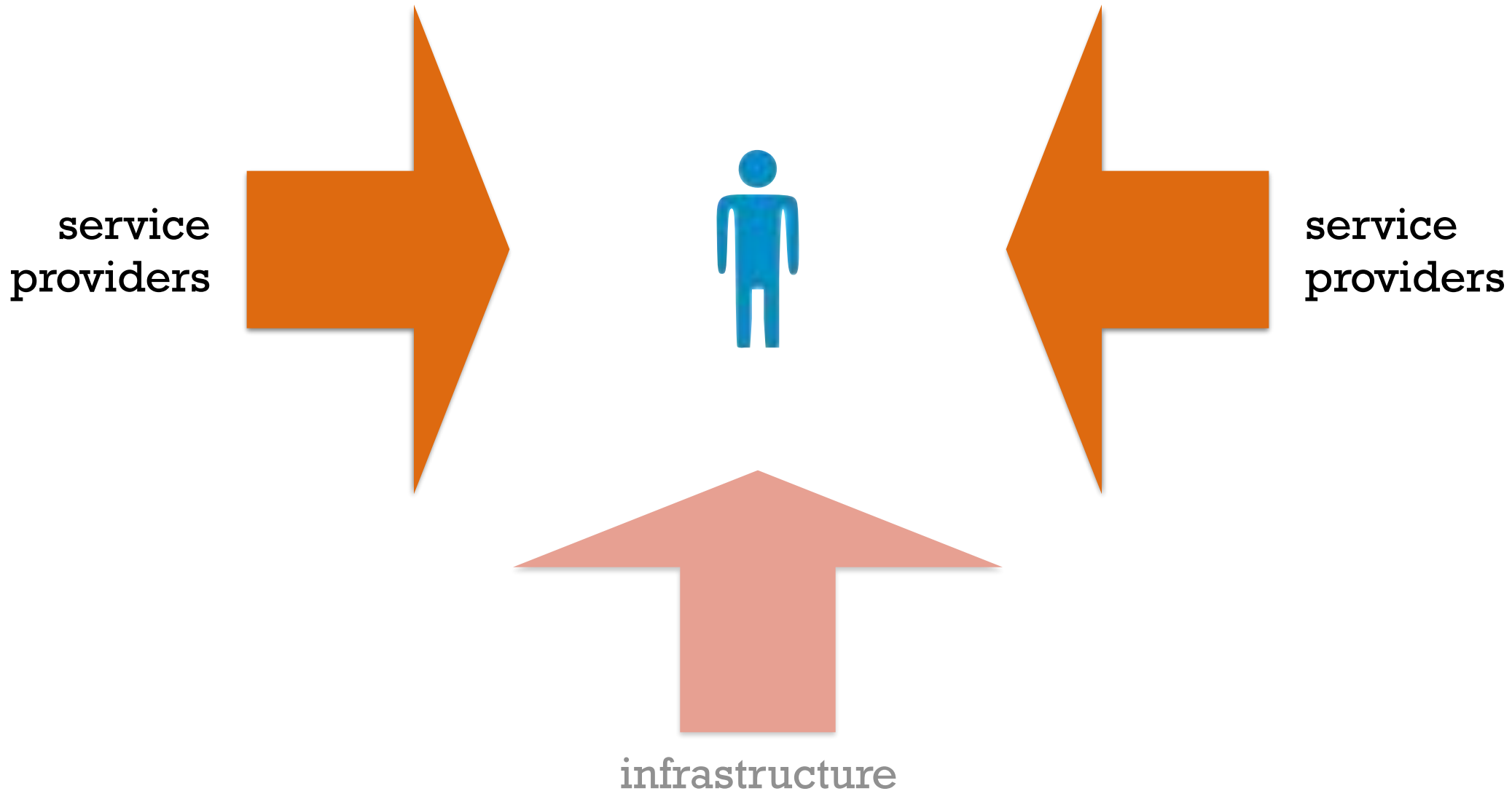


Two Theories of Home Heat Control
Willett Kempton, Cog Sci J. 1986



Reflecting on the Invisible: Understanding End-User
Perceptions of Ubiquitous Computing
Erika Poole, et al. Ubicomp 2008

encroaching externalities



automatic payment plan account deduction or credit/debit card payments.

- \$5.00 if you choose to pay your bill by telephone with the assistance of a live agent.
- \$15.00 per bill period for copies of billing records requested by you, except for your first request in a year.
- \$15.00 for each disconnection or termination notice we send to you.
- \$5.00 each time we call you to remind you that your payment is past due.
- \$10.00 each time we process a transaction to transfer your service to the RCP affiliated with your TDSU.
- \$15.00 each time we process a transaction requesting that the TDSU disconnect or reconnect service.
- Up to 2.5% of current amount due if you choose to pay your bill over the phone or online, using electronic funds transfer or certain credit cards.

(c) **Corrections/Credits** We reserve the right, to the extent allowed by PUCT rules, to have included on your monthly bills any charges or credits necessary to correct or true-up any previous estimated bills, meter read errors, miscalculations of taxes, fees or other charges, billing errors and other errors or omissions. We will make reasonable efforts to return any undrawn credits, if a credit balance exists on your account, after payment of your final bill from us. Unless we receive your specific request, these account balances that are less than one dollar (\$1.00) will not be returned.

12. Taxes and Other Charges. You are responsible for paying, and we may bill you for, all applicable federal, state and local taxes, fees, governmental charges, assessments, and other charges, presently or hereafter imposed on you as a purchaser of electricity, on Green Mountain Energy Company as a seller of electricity, or on electricity sales transactions, including but not limited to: gross receipts taxes, PUCT assessments, municipal administrative fees, ERCOT administrative, ERO or MODAL fees or other ERCOT fees or assessments, system reliability fees, charges and assessments, and any other generation, utility, TDSU, regulatory (including the PUCT and ERCOT), BTU or electricity taxes, fees, charges and assessments. Such taxes and other charges will be identified as a separate line item or items on your bill. For applicable non-residential customers, you can provide us with information establishing your exemption from the payment of such taxes by providing us with a copy of your tax exemption certificate.

13. Assignment. You may not assign this Agreement without our prior written consent. We may assign or transfer this Agreement without your consent, which includes the right to (a) transfer, sell, pledge, encumber, collateralize, assign or assign the Agreement or the accounts, revenues or proceeds hereof in connection with any financing, financial arrangement or power supply transaction; (b) assign this Agreement to any entity succeeding to all or substantially all of the business or assets of Green Mountain Energy Company; and/or (c) transfer or assign this Agreement to a certified REP. In the case of (b) or (c), any such assignee shall agree in writing to be bound by the terms and conditions hereof, and upon any such assignment, Green Mountain shall have no further obligations hereunder.

14. Miscellaneous. These terms and conditions set forth the final and entire Agreement between you and Green Mountain (subject to applicable law), and supersede all previous promises, understandings and agreements. If any provision of this Agreement is deemed to be invalid, legal or otherwise unenforceable, you and we agree that it shall be modified to the minimum extent necessary to render it valid, legal and enforceable. If any such provision cannot be modified in a manner that would make it valid, legal and enforceable, such provision shall be severed from this Agreement, and all other provisions hereof shall remain in full force and effect. Any failure on our part at any time to enforce any term or condition of our service or to exercise any right under this Agreement shall not be considered a waiver of our right thereafter to enforce each and every such term and condition or to exercise such right or any other right under this Agreement.

15. Certain Definitions. The terms "Customer" and "Service Address" are as specified during your enrollment process or defined in your Enrollment Authorization, if applicable. The terms "we", "us" and "our" refer to Green Mountain. The terms "you" and "your" mean the Customer. The term "including" or "including" means including without limitation. "Enrollment Authorization" is the document that is executed by you or your acceptance of Green Mountain's Terms of Service by telephone or internet. "Delivery Charges" means all charges of any kind imposed or authorized to be collected by the TDSU or any other transmission or distribution provider under any Law or otherwise for, or related to, electricity transmission and distribution and related services, including, "network transmission charges" and Nonypassible Charges. "Nonypassible Charges" means each TDSU's Delivery Charges, system benefit fund fees and any competition charges, transition charges and/or similar charges associated with or resulting from the opening of the electric market in Texas, including recovery of stranded costs. "Change in Law" means any revision in, issuance, adoption or implementation of, amendment to, or interpretation of any Law affecting approved or anticipated rates, meter classifications or profiles, tariffs, taxes, charges, fees, credit requirements or assessments, the wholesale or retail energy market, licensing, supply, generation, transmission or delivery of energy. "Law" means any law, rule, regulation, ordinance, statute, judicial decision, administrative order, the ERCOT Operating Guides, the ERCOT

Local Digital and Location Based Advertising Ecosystem

By Ben Allen with help from the Streetfight team

Advertisers

Ad Sellers

Agents

WPP
10th Avenue

GEOMENTUM

Buy Side Services

centro

placecast

Ad Ready

DataXu

Ad Networks

Web

CITYGRID

Chitika

at&t Interactive

LocalYokel

Mobile Local Social

Twitter

Facebook

Dragon

Search

Google

Local.com

bing

Mobile Apps and Web Content

The New York Times

Y!

CITYGRID

yelp

Patch

Chitika

Google places

Listings & Deals

ebay

craigslist

GROUPON

superpages.com

VANTAR

monster

Advertiser Tools & Services

Diversified

promote

yodle

thinknear

Social

local response

close.ly

Data Distribution and Aggregation

SINGLEPLATFORM

locu

hyper public

SEM/PPC Services

reach Local

orangeSODA

MARCHEX



Analytics

nearbuy

nielsen

Locately

Sense Networks

Seller Services

burstly

AdVista

loc49

groupcommerce

DOOH

adcentricity

jiwire

LocaModa

home > tech

Facebook

Facebook admits it tracks non-users, but denies claims it breaches EU privacy law

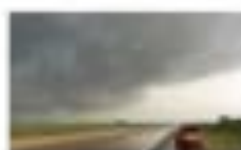
Social network claims privacy report commissioned by the Belgian privacy watchdog 'gets it wrong multiple times' over what Facebook does with user data



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IDEAS SECURITY

The Problem With Police Body Cameras

Janet Vertesi May 4, 2015

IDEAS Janet Vertesi is Assistant Professor of Sociology at Princeton University.

In court, video evidence never speaks for itself

Correction appended, May 4, 2015.

The recent events in Baltimore have once



Rick Wilking/Reuters

Brian Gurule, a Colorado Springs motor officer poses with a Digital Ally First Vu HD body worn camera worn on his chest in Colorado Springs on April 21, 2015.

encroaching externalities:

- **from infrastructure**
- **from service providers**

OPINIONS ON INTERNET PRIVACY

THE PHILOSOPHER:

"PRIVACY" IS AN IMPRACTICAL WAY TO THINK ABOUT DATA IN A DIGITAL WORLD SO UNLIKE THE ONE IN WHICH OUR SOCI-

SO BORED.



THE CRYPTO NUT:

MY DATA IS SAFE BEHIND SIX LAYERS OF SYMMETRIC AND PUBLIC-KEY ALGORITHMS.

WHAT DATA IS IT?

MOSTLY ME EMAILING WITH PEOPLE ABOUT CRYPTOGRAPHY.



THE CONSPIRACIST:

THESE LEAKS ARE JUST THE TIP OF THE ICEBERG. THERE'S A WAREHOUSE IN UTAH WHERE THE NSA HAS THE ENTIRE ICEBERG.

I DON'T KNOW HOW THEY GOT IT THERE.



THE NIHILIST:

JOKES ON THEM, GATHERING ALL THIS DATA ON ME AS IF ANYTHING I DO MEANS ANYTHING.



THE EXHIBITIONIST:

MHMM? I SURE HOPE THE NSA ISN'T WATCHING ME BITE INTO THESE JUICY STRAWBERRIES!!

OOPS, I DRIPPED SOME ON MY SHIRT! BETTER TAKE IT OFF.

GOOGLE, ARE YOU THERE?

GOOGLE, THIS LOTION FEELS SOOOO GOOD.



THE SAGE:

I DON'T KNOW OR CARE WHAT DATA ANYONE HAS ABOUT ME.

DATA IS IMAGINARY. THIS BURRITO IS REAL.

