Our Responsibility to Defeat Mass Surveillance

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There was of course no way of knowing whether you were being watched at any given moment. How often, or on what system, the Thought Police plugged in on any individual wire was guesswork. It was even conceivable that they watched everybody all the time. But at any rate they could plug in your wire whenever they wanted to. You had to live—did live, from habit that became instinct—in the assumption that every sound you made was overheard, and, except in darkness, every movement scrutinised.

~ George Orwell, 1984 (fifth paragraph)
Basic Privacy

Stop random strangers
HTTPS, Encrypted WiFi

Common Privacy

Stop crooks,
Government needs warrant

Strong Privacy

Stop mostly everyone

Enough?

https://www.tbray.org/ongoing/When/201x/2014/05/26/Privacy-Levels
“I have nothing to hide”

“Nobody is interested in watching me”

http://martinfowler.com/articles/bothersome-privacy.html
Free Society $\implies$ Free Association and Communication
society and the users

the creators of software
Let's build an email solution...
Maximize shareholder value!

We think we found a way to make money with an email solution...

Let's build an email solution...
society and the users

the creators of software
Someone else is going to do it...

This is not our target group

Free markets...

blah... blah...
market share of the "big 5" email providers globally

Big 5 = 42%

Top 8
88%

Top 4
89%

Germany

USA
Judge may hold Microsoft in contempt after refusal to hand over foreign data

Obama administration contends that company with operations in US must comply with warrants for data, even if stored abroad

Rory Carroll in Los Angeles
theguardian.com, Wednesday 3 September 2014 20.08 BST
No matter the specific techniques involved, historically mass surveillance has had several constant attributes. Initially, it is always the country's dissidents and marginalised who bear the brunt of the surveillance, leading those who support the government or are merely apathetic to mistakenly believe they are immune. And history shows that the mere existence of a mass surveillance apparatus, regardless of how it is used, is in itself sufficient to stifle dissent. A citizenry that is aware of always being watched quickly becomes a compliant and fearful one.

~ Glenn Greenwald, No Place to Hide
opaque pricing
U.S.-Led Airstrikes Continue to Degrade Islamic State, Other Militant Groups

Airstrikes Sept. 24 targeted Islamic State's ability to generate funds and conduct offensives, although a shift in tactics has allowed the militants to mitigate some of the damage.
From: Anya Alfano
To: burton@stratfor.com, scott.stewart@stratfor.com, bart.mongoven@stratfor.com, burtonfb@att.blackberry.net

Interesting, thanks Fred.

Fred Burton wrote:

The FBI has a classified investigation on PETA operatives. I'll see what I can uncover.

Sent via BlackBerry by AT&T

http://wikileaks.org/gifiles/docs/82628_re-public-policy-question-for-coca-cola-.html
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seeping of protected data into the commercial sector
PRINCIPLES FOR PIXELATED

We aim for mass adoption

Although we care about individuals that are targeted and need special protection, we can’t do enough to help them directly (yet).

We write Open Source Software

And will endeavour to make sure the code remain open, free and libre.

We deliver a software product

And will leave to others to provide services based on it.

We work in the context of the broken internet

Accepting that some of its infrastructure is fundamentally flawed.
crypto  UX  + license
sending mail with SMTP
accessing UI via HTTPS
Sender's desktop/laptop
Sender's mail provider
Recipient's mail provider

sending mail with SMTP/TLS
accessing UI via HTTPS
Sender's desktop/laptop
Sender's mail provider
Recipient's mail provider
Sender’s desktop/laptop (with app) \(\xrightarrow{\text{sending mail via SMTP/TLS}}\) Sender’s mail provider \(\xrightarrow{\text{sending mail with SMTP/TLS}}\) Recipient’s mail provider
Subject: Meeting next week in Berlin

Content-Type: multipart/encrypted; protocol="application/pgp-encrypted";
boundary="d5JFglPwD2tqiMaWvFgKk5Cs3F1PdmJiR"

X-Virus-Scanned: clamav-milter 0.97.8 at mx1
X-Virus-Status: Clean
BEING RESPONSIBLE over MAXIMISING GAIN