HOPE
★★★★★★★★★★★★★
2020

RFC 1984:Or why you should start worrying about encryption backdoors and mass data collection

How do we slay the Hydra of mass surveillance?

Esther Payne

HOPE 2020

Do we need Privacy?

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- We need to give up a little privacy for our security/health.

Humans learn from stories

OVIDIVS

Io and Argus

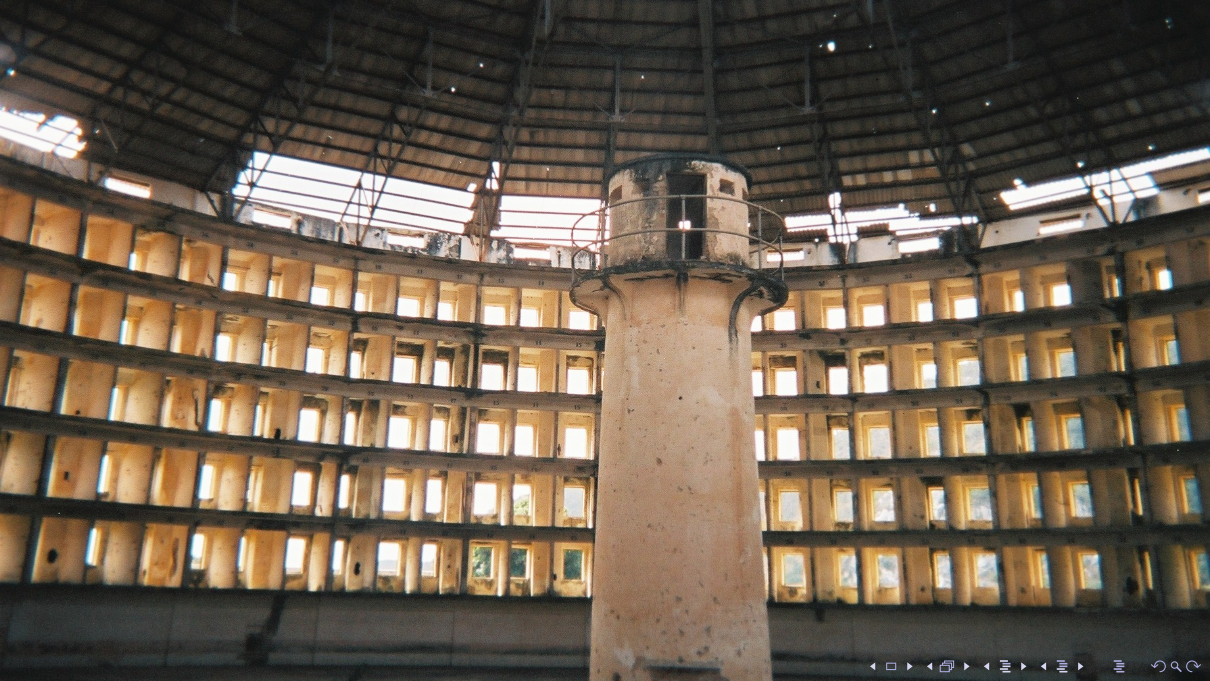
3808

OVIDIVS

Branding Argus Panoptes

Panopticon

Jeremy Bentham



Panopticon

Michel Foucault

1984

George Orwell

RFC:1984

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- Changed to BCP in 2015.

RFC:1984

”The Internet Architecture Board (IAB) and the Internet Engineering Steering Group (IESG),[...] are concerned by the need for increased protection of international commercial transactions on the Internet, and by the need to offer all Internet users an adequate degree of privacy.”

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- (c) mandate that private decryption keys should be in the hands of the government or of some other third party; and/or
- (d) prohibit the use of cryptology entirely, or permit it only to specially authorized organizations.

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- Your family using ALL those services.

Political Threats from the 5 eyes

- David Cameron and Malcolm Turnbull in 2015 wanted to break encryption
- Draft Investigatory Powers Bill 2015 in UK and Telecommunications (Interception and Access) Amendment (Data Retention) Act 2015 in Australia.
- July 2019 and in January 2020 Attorney General William Barr "Going Dark" push to require manufacturers of encrypted devices like iPhones to build in a way for law enforcement to gain access, which detractors call "back doors."
- NSA gain access to logs of Americans' domestic communications under the USA Freedom Act.
- Legislation proposals like Earn IT act (US), Online Harms (UK)
- Emergency powers granted to Governments to combat COVID-19

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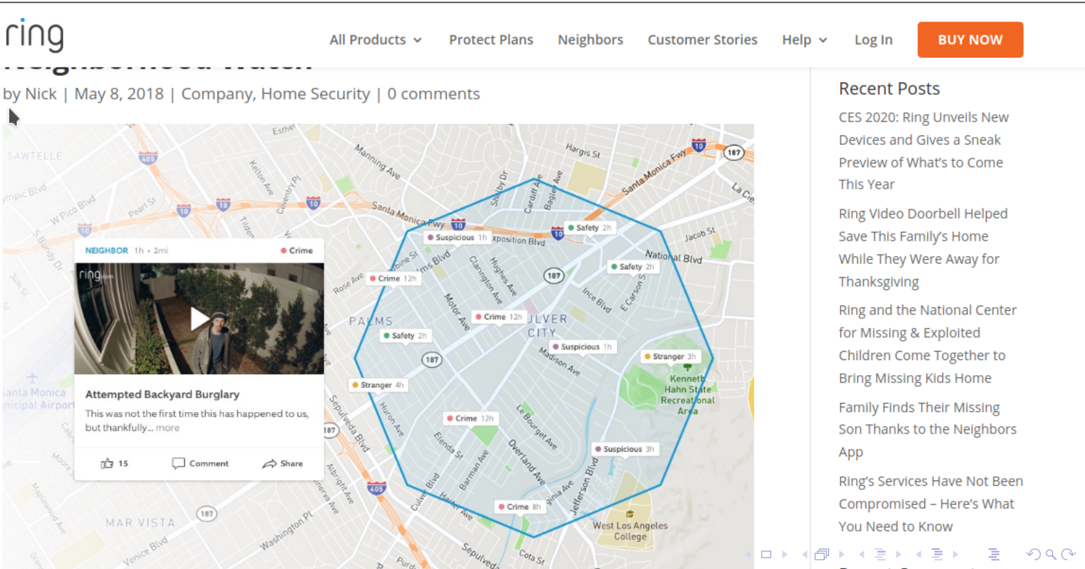
- Palantir being used by ICE to pick up illegal immigrants off the street.

ring



ring

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Neighborhood Watch

by Nick | May 8, 2018 | Company, Home Security | 0 comments

NEIGHBOR 1h • 2mi ● Crime

Attempted Backyard Burglary

This was not the first time this has happened to us, but thankfully... more

15 Comment Share

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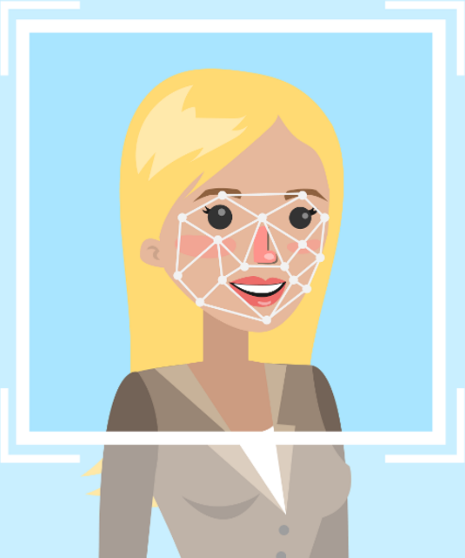
Ring Video Doorbell Helped Save This Family's Home While They Were Away for Thanksgiving

Ring and the National Center for Missing & Exploited Children Come Together to Bring Missing Kids Home

Family Finds Their Missing Son Thanks to the Neighbors App

Ring's Services Have Not Been Compromised – Here's What You Need to Know



Facial Recognition

- Government

Facial Recognition

- Government
- Schools

Facial Recognition

- Government
- Schools
- Consumer Products

Facial Recognition

- Government
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- Shops

DNA and Medical

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- Conclusion: On it's own no. But as part of a possible dataset combined with other metadata?

So do we need Privacy?

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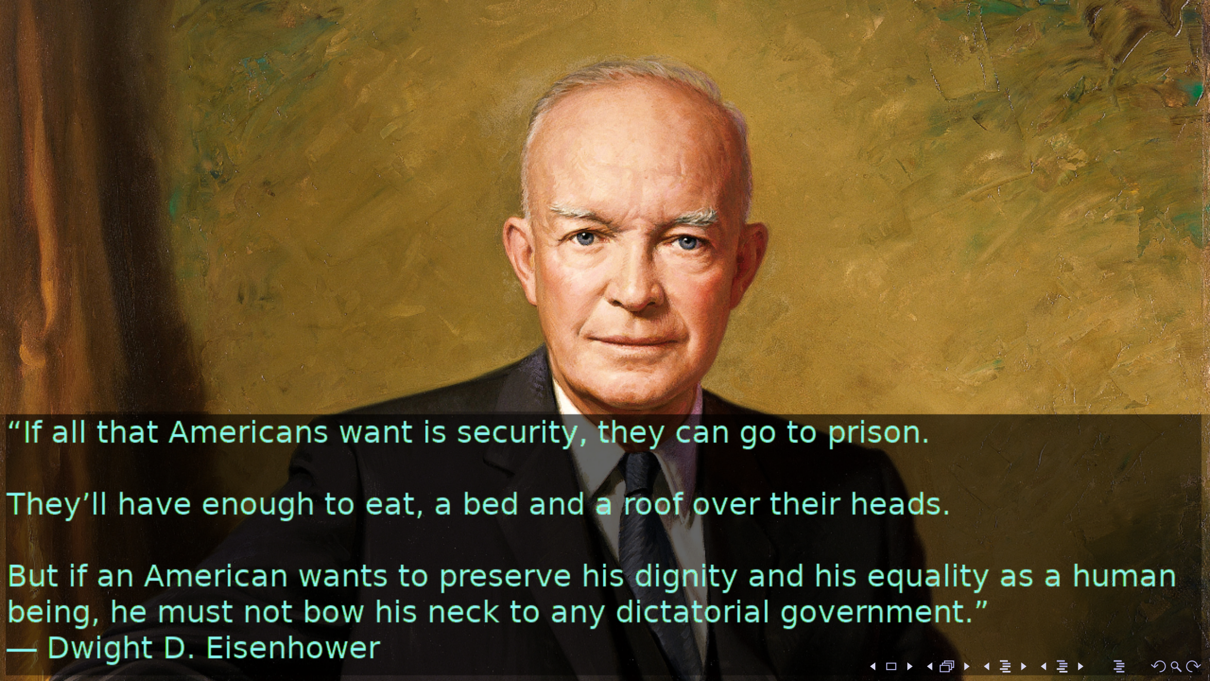

“If all that Americans want is security, they can go to prison.

They’ll have enough to eat, a bed and a roof over their heads.

But if an American wants to preserve his dignity and his equality as a human being, he must not bow his neck to any dictatorial government.”
— Dwight D. Eisenhower

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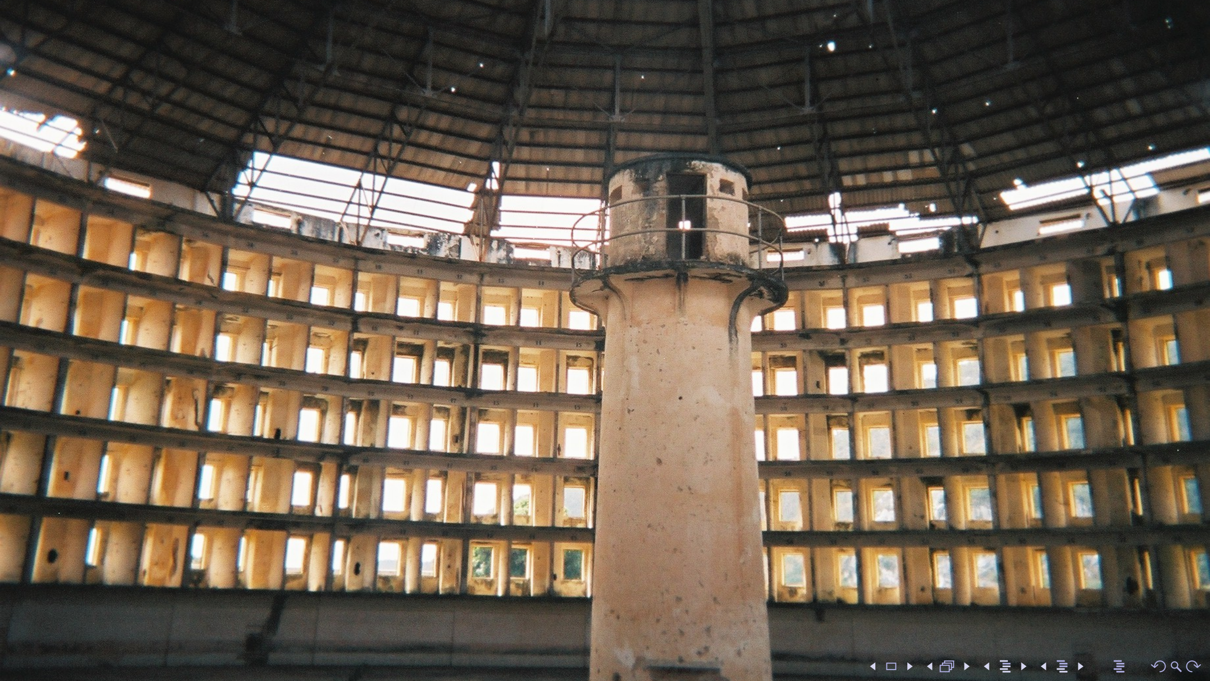
- Even teenagers don't care. Not true, teenagers are private.
- We need to give up a little privacy for our security. Are we prepared to sacrifice our freedom and dignity?



Is there hope?

A Herculean task

- Heracles and the Hydra.

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- Heracles and the Hydra.
- Mass Surveillance is the Hydra.
- Mass Data Collection is a Hydra head.
- Facial Recognition is a Hydra head.
- How do we cut off the head and stop it growing back?

There is Hope!

- Mainstream press starting to publish the dangers.

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- Certain Cities in the US banning facial recognition.

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- The next generation.

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- Mainstream press starting to publish the dangers.
- Certain Cities in the US banning facial recognition.
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- YOU!

How to defeat the Hydra

- Do your own research.

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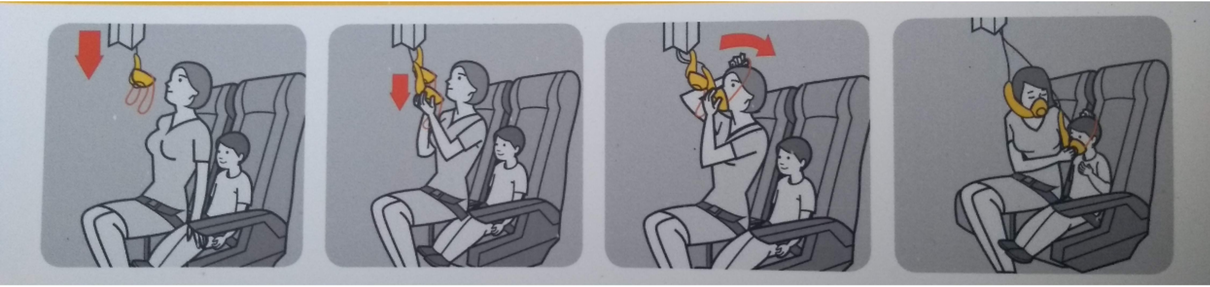
- Do your own research.
- Build in privacy.
- Follow privacy focused organisations online.



How to defeat the Hydra

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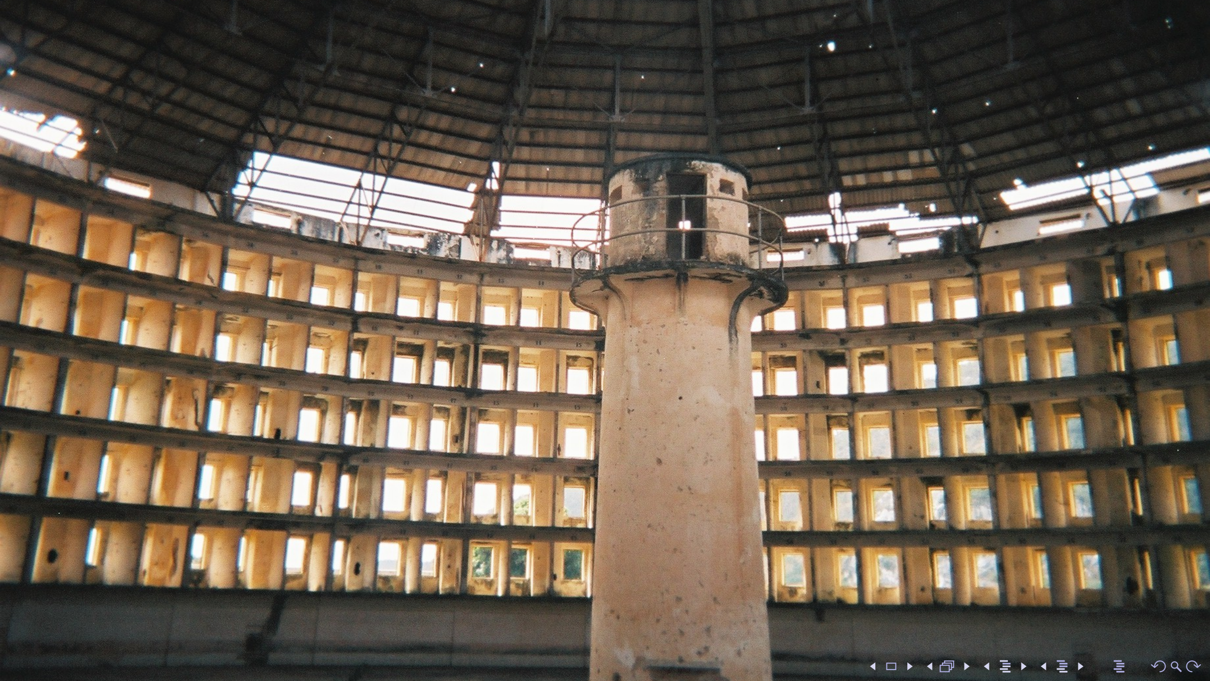
- Protect your own privacy.

How to defeat the Hydra

- Do your own research.
- Build in privacy.
- Follow privacy focused organisations and people online.
- Protect your own privacy.
- Join decentralised networks like Mastodon and Diaspora.

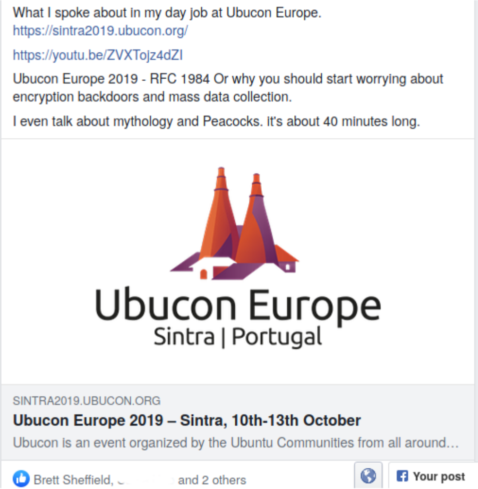
Use stories to help people to empathise and understand.

3808



Final thoughts

- Find ways to frame the dialogue around privacy.



What I spoke about in my day job at Ubucon Europe.
https://sintra2019.ubucon.org/

https://youtu.be/ZVXTojz4dZI

Ubucon Europe 2019 - RFC 1984 Or why you should start worrying about encryption backdoors and mass data collection.

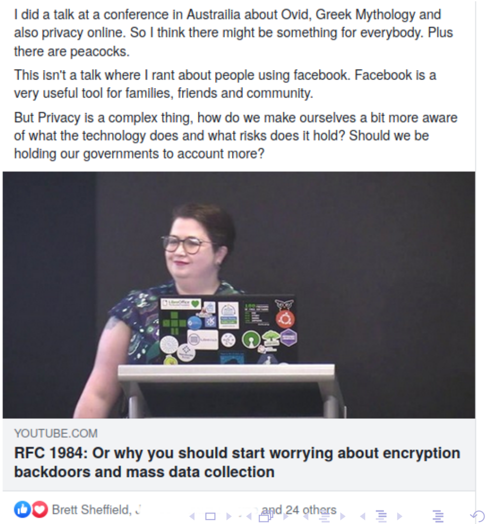
I even talk about mythology and Peacocks. it's about 40 minutes long.

SINTRA2019.UBUCON.ORG

Ubucon Europe 2019 – Sintra, 10th-13th October

Ubucon is an event organized by the Ubuntu Communities from all around…

Brett Sheffield, [redacted] and 2 others



I did a talk at a conference in Austrailia about Ovid, Greek Mythology and also privacy online. So I think there might be something for everybody. Plus there are peacocks.

This isn't a talk where I rant about people using facebook. Facebook is a very useful tool for families, friends and community.

But Privacy is a complex thing, how do we make ourselves a bit more aware of what the technology does and what risks does it hold? Should we be holding our governments to account more?

YOUTUBE.COM

RFC 1984: Or why you should start worrying about encryption backdoors and mass data collection

Brett Sheffield, [redacted] and 24 others

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- Find ways to frame the dialogue around privacy
- Use your own culture's stories where possible to help people empathise about the dangers
- Contact your political representatives

Human rights violations are here now.

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It’s important to not normalise the virtual panopticon

The last head of the Hydra is immortal.

The last head of the Hydra is immortal.

Stay Vigilant!

Use the hashtag #RFC1984

Questions?

e-mail: esther@librecast.net
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mastodon: @onepict@chaos.social
telegram: @onepict