NOTH1NG TO HID3

go out and fix privacy!

Some citizens complain about being under surveillance, but they are told that if they have nothing to hide, they have nothing to fear.

NOTH1NG TO HID3

Still, news media regularly cover cases where citizens with unusual behaviour are put on suspicion lists, even though they have broken no laws.

Jesper Lund

EDRi-gram 300
DIGITAL RIGHTS NEWS FROM 2025

NOTHING TO HID3

@KirilsSolovjovs, 2019. https://kirils.org

$$\forall(p \in criminal) \rightarrow p \in hiding$$

$$\nvDash$$

$$\forall(p \in hiding) \rightarrow p \in criminal$$

- Autonomous right to choose
    - who processes my info
    - how is my info processed
    - what info is processed
- Right to decide who I interact with
    - right to be left alone

Schrödinger's video camera

NOTHING TO HID3

@KirilsSolovjovs, 2019. https://kirils.org

Reactions

35C3 ChaosWest - Toll of personal privacy in 2018

916 views • Published on Dec 28, 2018

👍 28   👎 3   ➤ SHARE   ☰+ SAVE   •••

Interesting and also not worth it at all. Your time on this planet is limited you know.

I'm feeling like you with recaptcha

What do we do now?

It's pointless, I've got nothing to hide.

You give up your own privacy on Facebook every day, why worry about someone tracking you?

Your phone tracks you anyway

Why are you presenting this without a face mask?

NOTHING TO HID3

Got something to hide

NOTHING TO HID3

Got something to hide

NOTHING TO HID3

babygirl 🧕 @xokoriee · 4h

Replying to @EliiDaRuler

If he acting like this you shouldn't even want to see what's in his phone, just throw the whole man away honestly

💬 14   🔁 36   ♡ 840   ✉

🎃🍂🍁 @manojoderosa · 3h

Replying to @EliiDaRuler

This is proof enough that you should just throw that phone in the damn fountain and dump him lmao

💬   🔁   ♡ 2   ✉

🧡🍂🍁 @GawdessEnergy · 1h

Replying to @EliiDaRuler

Lmao omg😂😂😂 sis he is running clearly he's doing dirt. That's the answer sis! Leave that man. Lol

💬   🔁   ♡ 1   ✉

Curls Toe-lin' @JeSuisAParis · 5h

Replying to @EliiDaRuler @GawdBodyTru

Whatever you wanted to know sis.. that's the answer right there

💬 4   🔁 145   ♡ 2.5K   ✉

Got nothing to hide?

- Data hoarding →
  - Blackmail, impersonation

- Herd immunity

  <u>many people</u> not hiding anything

  <u>make the few</u> stand out more and draw suspicion

Got nothing to hide?

- Today's authority might become totalitarian or inhumane

NOTH1NG TO HID3

Movement tracking

NOTHING TO HID3

CASH IS KING

Why Hong Kong's protesters were afraid to use their metro cards

By Mary Hui • June 13, 2019

客務中心
Customer Service Centre

Inconvenience.

2019. https://kirils.org

Government wants in on the data

NOTHING TO HID3

MOTHERBOARD
TECH BY VICE

Uber Says It Will Sue Los Angeles Over Sharing Scooter Location Data

The move comes after Uber decided not to provide the location data according to a Los Angeles Department of Transportation deadline.

By **Joseph Cox**

Oct 30 2019, 2:37pm   **f** Share   **y** Tweet   **:** Snap

CHESNOT/GETTY IMAGES

kirils.org

CCTV

NOTHING TO HID3

@KirilsSolovjovs, 2019. https://kirils.org

Facial recognition

The man was fined £90 for pulling his jumper up over his chin and mouth (Picture: BBC Click)

A man was fined £90 for refusing to show his face to police trialling new facial recognition software.

The man pulled his jumper up above his chin as he walked past **Met Police officers trialling Live Facial Recognition** software in east London.

NOTHING TO HID3

Facial recognition

NOTHING TO HID3

Facial recognition

Hong Kong's anti-mask law aiming to quash pro-democracy protests is 'unconstitutional', high court rules

- The court said the legislation 'goes further than necessary' to restrict rights
- It also ruled the city's emergency law was 'incompatible with the Basic Law'
- Police have agreed to stop enforcing the law that has sparked further rage
- News came after the city was rocked by another weekend of violent clashes

By BILLIE THOMSON FOR MAILONLINE

NOTHING TO HID3

@KirilsSolovjovs, 2019. https://kirils.org

WiFi without a phone number

NOTHING TO HID3
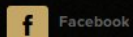
Copy — paste

NOTHING TO HID3
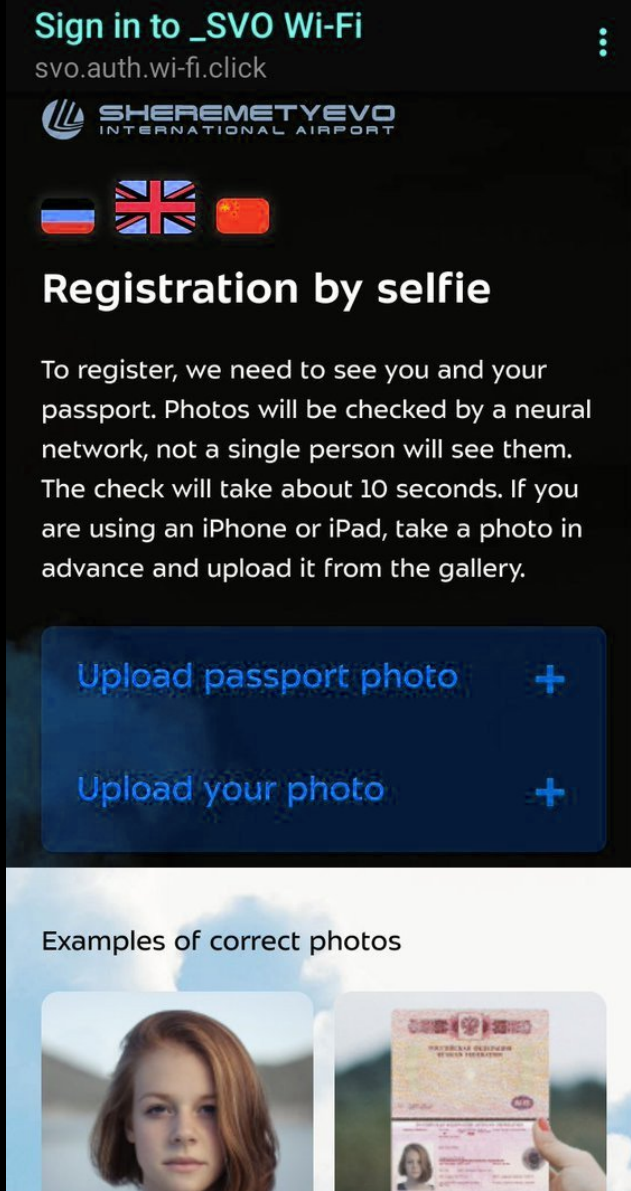
How facial recognition is taking over a French city

European authorities are competing to deploy facial recognition tech. Nice in southern France is in the lead.

By **LAURA KAYALI** | 9/26/19, 1:19 PM CET | Updated 10/4/19, 3:11 PM CET

A camera used as part of a facial recognition technology test | Steffi Loos/Getty Images

Facebook
Twitter
LinkedIn
Email
Print

NICE, France — Welcome to France's facial recognition laboratory.

With its pebble beaches and iconic Promenade des Anglais boardwalk, the Riviera city of Nice is best-known as a holiday destination favored by tourists and well-heeled French retirees.

But the city is carving out another niche under the leadership of right-wing mayor Christian Estrosi — as a testing ground for high-tech surveillance tools that are alarming digital rights activists, testing the boundaries of European privacy law and setting parents on edge.

The deployment of more than 2,600 CCTV cameras was just a first step. In February, Nice became the first French city to start trialing facial recognition tools in its streets thanks to cameras that scanned the faces of thousands of adults attending a carnival, matching their likenesses against a database of faces as part of a large-scale experiment.

Now, the regional authority that runs schools around Nice is waiting for an opinion from regulators for another first: deploying facial recognition at the entrances of two regional high schools, in an experiment that has led to howls of protest from parents, teachers' unions and privacy activists.
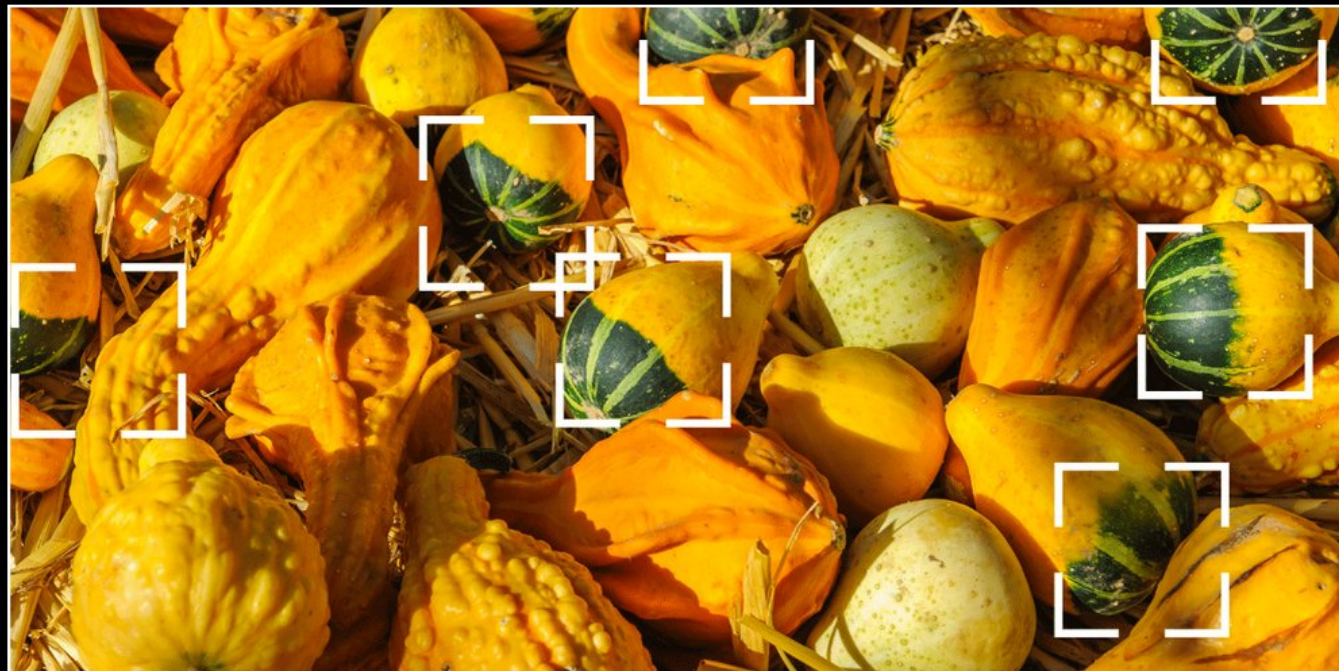
kirils.org

All is not lost

NOTHING TO HID3

LYCÉES NICE MARSEILLE : PREMIÈRE VICTOIRE CONTRE LA RECONNAISSANCE FACIALE

28 octobre 2019

La CNIL vient de rendre un avis déclarant que le système de reconnaissance faciale dans deux lycées de la région Sud « ne saurait être légalement mis en œuvre ». La CNIL ne propose pas de correctif et rejette par principe le dispositif. Cette première victoire contre la reconnaissance faciale en France ne peut que nous rendre optimistes dans la lutte qui nous oppose aux systèmes déjà existants (comme la reconnaissance faciale dans les aéroports via PARAFE) ou futurs (l'application d'identité numérique Alicem).

All is not lost

Facial recognition in school renders Sweden's first GDPR fine

🕐 *Thursday, 22 August, 2019* **SE**

The Swedish DPA has fined a municipality 200 000 SEK (approximately 20 000 euros) for using facial recognition technology to monitor the attendance of students in school.

A school in northern Sweden has conducted a pilot using facial recognition to keep track of students' attendance in school. The test run was conducted in one school class for a limited period of time.

The Swedish DPA concluded that the test violates several articles in GDPR and has imposed a fine on the municipality of approximately 20 000 euros. In Sweden public authorities can receive a maximum fine of 10 million SEK (approximately 1 million euros). This is the first fine issued by the Swedish DPA.

The school has processed sensitive biometric data unlawfully and failed to do an adequate impact assessment including seeking prior consultation with the Swedish DPA.

The school has based the processing on consent but the Swedish DPA considers that consent was not a valid legal basis given the clear imbalance between the data subject and the controller.

NOTHING TO HID3

News from Riga

BB - 1984

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@KirilsSolovjovs, 2019. https://kirils.org

"Privacy is dead" – 2018

People's Daily,China ✓
@PDChina

Follow

What else can surveillance cameras do in classroom other than exam supervision? High school in #Hangzhou uses camera to identify students facial expression for class performance analysis and improvement

NOTHING TO HID3

@KirilsSolovjovs, 2019. https://kirils.org

Enter 2019!

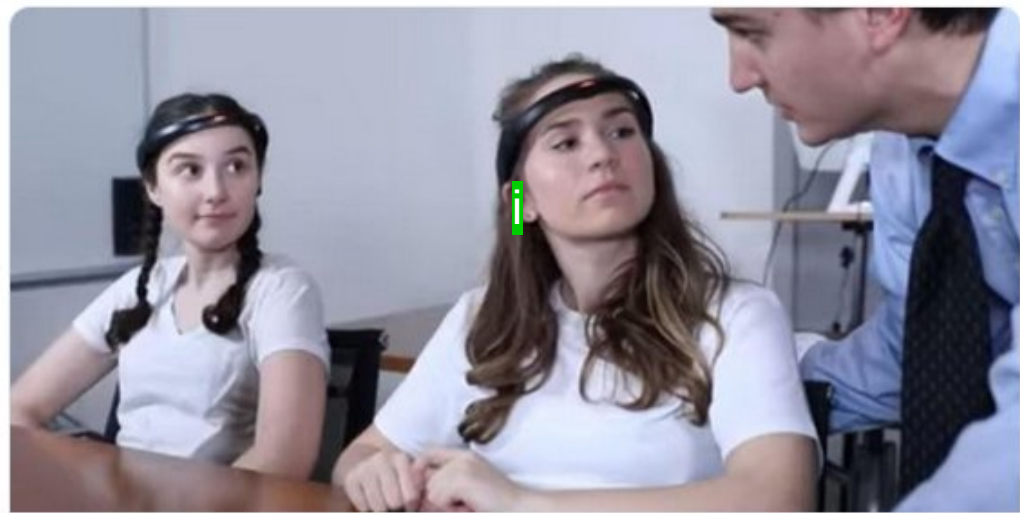**NOTHING TO HID3**

🛠️🕹️ **Geeknik Labs** 📟📺
@geeknik

Follow ⌄

Chinese schools scanning children's brains to see if they are concentrating

Chinese schools scanning children's brains to see if they are
Headbands that monitor concentration by reading brain signals have been trialled on thousands of Chinese schoolchildren. The devices could soon be used on milli...
independent.co.uk

WSJ **The Wall Street Journal** ✔️
@WSJ

Follow ⌄

Some classrooms in China are equipped with AI cameras and brain-wave trackers. While many parents and teachers see them as tools to improve grades, they've become some children's worst nightmare. #WSJWhatsNow

5:43 178K views

Under AI's Watchful Eye, China Wants to Raise Smarter Students

1:00 AM - 27 Sep 2019

1,193 Retweets 1,450 Likes

@KirilsSolovjovs, 2019. https://kirils.org

Teachers at
this primary school in China

NOTHING TO HID3

Spying on our kids

Under digital surveillance: how American schools spy on millions of kids

NOTHING TO HID3

REASON

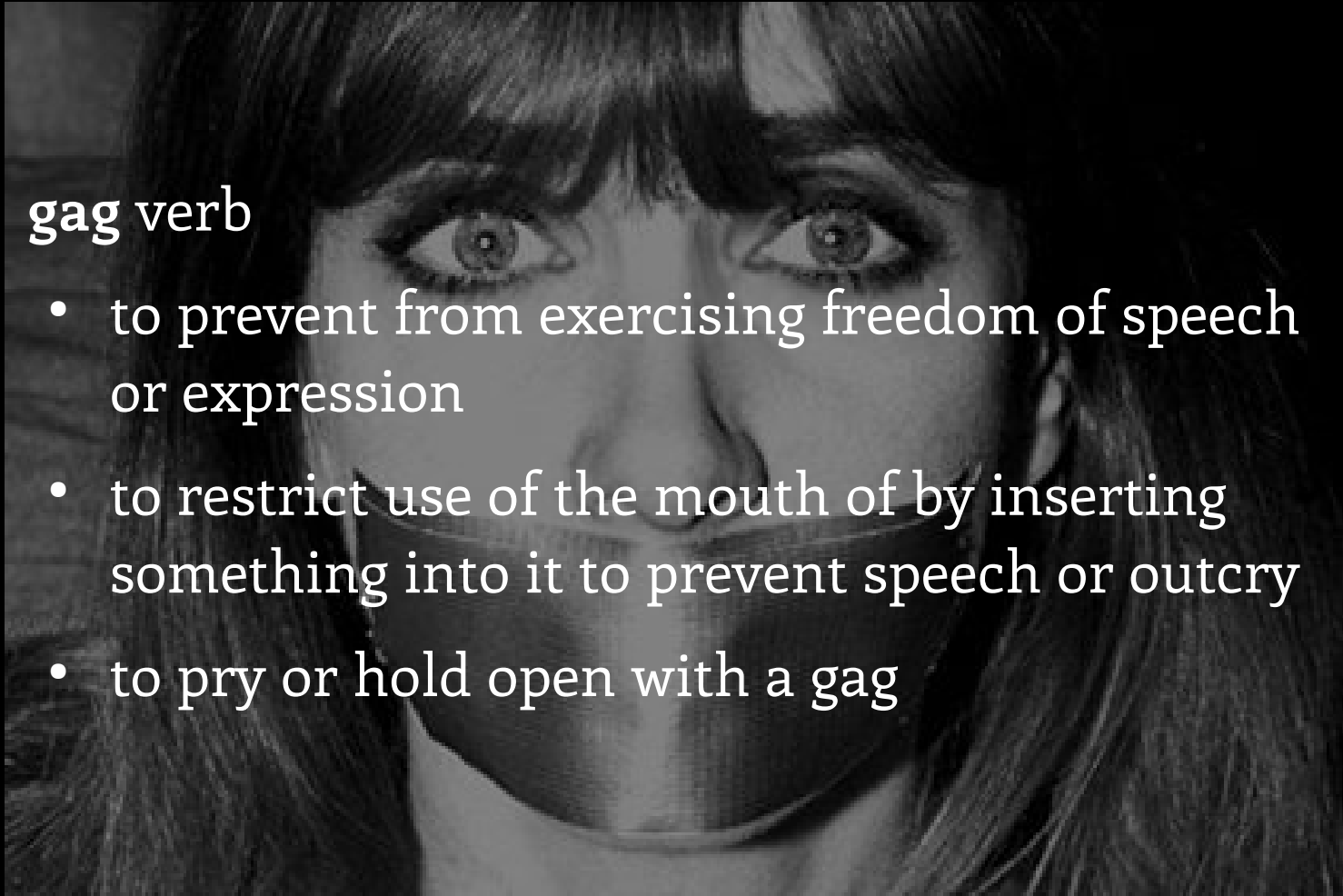# REACTION TIME

NOTHING TO HID3

SCOPE

JUSTIFICATION

EFFECTS

MILITARY TECH

NOTHING TO HID3

gag verb

- to prevent from exercising freedom of speech or expression

- to restrict use of the mouth of by inserting something into it to prevent speech or outcry

- to pry or hold open with a gag

NOTHING TO HID3

The end-of-end-to-end-encryption

"warrant-proof" encryption

GCHQ has suggested that tech firms' communication services should be able to surreptitiously add intelligence agents to conversations or group chats

'Five Eyes' member countries have called for technology firms to help intelligence agencies by providing them with special, backdoor access to WhatsApp and other encrypted communications.

The group has also warned that failing to do so would put lives of thousands of people at risk.

"The Five Eyes are united that tech firms should not develop their systems and services, including end-to-end encryption, in ways that empower criminals or put vulnerable people at risk," British home secretary, Priti Patel, said at the conclusion of the two-day meeting of Five Eyes member countries in London.

NOTHING TO HID3

28 October 2019, Boing Boing

"warrant-proof" encryption

The top FBI lawyer who tried to force Apple to backdoor its crypto now says working crypto is essential to public safety and national security

ATTACK TYPES				ATTACK TARGETS		LIVE ATTACKS					
	PORT	SERVICE TYPE		#	COUNTRY	TIMESTAMP	ATTACKER		ATTACKER IP	ATTACKER GEO	TARGET GEO	ATT
14	25	smtp		724	United States	10:29:27.662	American National Insurance Co		50.200.102.48	League City, US	De Kalb Junction...	https
04	23	telnet		351	United Arab Emirates	10:29:27.445	Microsoft Corporation		157.56.111.253	Redmond, US	De Kalb Junction...	smtp
74	8080	http-alt		45	Spain	10:29:27.219	Chinanet Hubei Province Network		116.211.0.90	Wuhan, CN	Dubai, AE	http-al

Jim Baker served as the FBI's general counsel from 2014 until 2017, and he presided over the the FBI's **attempt to force Apple to undermine its cryptography** under the rubric of investigating the San Bernadino shooters; he has long been a prominent advocate for mass surveillance, but he has had a change of heart: in a **long, detailed essay on Lawfare**, Baker explains why he believes that governments should not seek to introduce defects into cryptographic systems.

NOTHING TO HID3

https://kirils.org

Type keywords to find answers

Rooted phones and custom ROMs

Custom ROMs and rooted phones aren't supported by WhatsApp. There are too many variations in these customizations for us to maintain a working product. Furthermore, custom ROMs and rooting don't allow the WhatsApp security model to function as intended. If you're using a custom ROM or rooted phone, your messages won't be protected with end-to-end encryption.

For the best WhatsApp experience, please use a stock ROM and remove root. Contact your phone's manufacturer for specific instructions on how to unroot.

9 Mar 2019, India Today

No secure apps, please

NEWS   LIVE TV   INDIA TODAY   APP

HOME   VIDEOS   INDIA   MOVIES   TECH   SPORTS   FACT CHECK   NEWSMO   TRENDING   SAFAIGIRI AWAR

News / Technology / News /

WhatsApp tells users to install official app, warns people using modified apps will be blocked

WhatsApp on its official has warned people of account ban if they use altered versions of WhatsApp like GBWhatsApp and WhatsApp Plus.
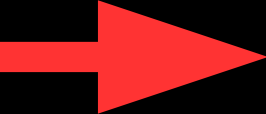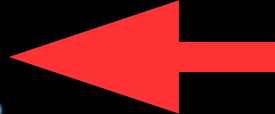
Priya Pathak
New Delhi
March 7, 2019 UPDATED: March 9, 2019 10:54 IST

NOTHING TO HID3

@KirilsSolovjovs, 2019. https://kirils.org

About Temporarily Banned Accounts

If you received an in-app message stating your account is "Temporarily banned" this means that you're likely using an unsupported version of WhatsApp instead of the official WhatsApp app. If you don't switch to the official app after being temporarily banned, your account might be permanently banned from using WhatsApp.

Unsupported apps, such as WhatsApp Plus, GB WhatsApp, or apps that claim to move your WhatsApp chats between phones, are altered versions of WhatsApp. These unofficial apps are developed by third parties and violate our Terms of Service. WhatsApp doesn't support these third-party apps because we can't validate their security practices.

How to switch to the official WhatsApp app

You might need to backup your chat history before moving to the official WhatsApp app. The name of the unsupported app you're using determines whether you need to transfer your chat history. Locate the name of the app by tapping **More Options** > **Settings** > **Help** > **App info**. Follow the steps below based on the name of the app: WhatsApp Plus or GB WhatsApp.

WhatsApp

Watching porn anonymously

The New York Times ✔
@nytimes

Follow ⌄

The Australian government has proposed using a facial recognition system to verify that people who seek to watch online pornography are of legal age

Australia Proposes Face Scans for Watching Online Pornography
As a government agency seeks approval of a facial recognition system, it says one use for it could be verifying the age of people who want to view pornography online.
nytimes.com

2:07 PM - 29 Oct 2019

156 Retweets **287** Likes

💬 160   ♻ 156   ♡ 287   ✉

NOTHING TO HID3

@KirilsSolovjovs, 2019. https://kirils.org

7 September 2019, Ars Technica

Facebook dating

THE DATING GAME —

Facebook dating is now available in the US. Here's how it works

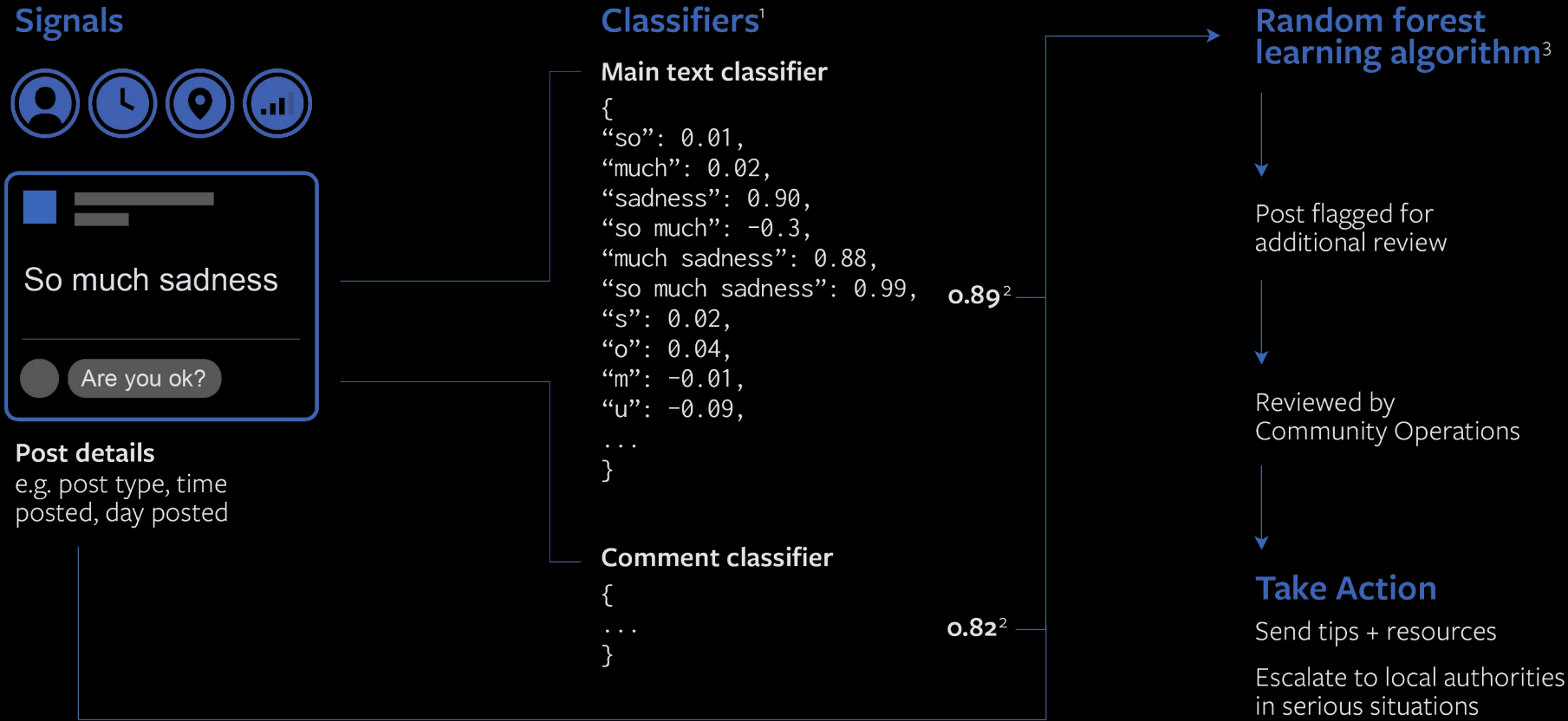Rollout includes new updates, including safety features, more Instagram integration.

LOUISE MATSAKIS, WIRED.COM - SEP 7, 2019 7:48 PM UTC

Facebook Dating

NOTHING TO HID3

Suicide prevention

When someone is expressing thoughts of suicide, it's important to get them help as quickly as possible. Because friends and family are connected through Facebook, we can help a person in distress get in touch with people who can support them.

Last year, we began to use machine learning to expand our ability to get timely help to people in need. This tool uses signals to identify posts from people who might be at risk, such as phrases in posts and concerned comments from friends and family.

Suicide prevention

Signals

So much sadness

Are you ok?

Post details
e.g. post type, time
posted, day posted

Classifiers[1]

Main text classifier

```
{
"so": 0.01,
"much": 0.02,
"sadness": 0.90,
"so much": -0.3,
"much sadness": 0.88,
"so much sadness": 0.99,
"s": 0.02,
"o": 0.04,
"m": -0.01,
"u": -0.09,
...
}
```

0.89^2

Comment classifier

```
{
...
}
```

0.82^2

Random forest learning algorithm[3]

Post flagged for
additional review

Reviewed by
Community Operations

Take Action

Send tips + resources

Escalate to local authorities
in serious situations

NOTHING TO HID3

@KirilsSolovjovs, 2019. https://kirils.org

Suicide prevention

Can we help?

If you're going through a difficult time and want support, we'd like to help.

Talk to a friend
Message or call someone you trust.

Talk with a helpline volunteer
Call or text a trained helper who can listen and support you.

Get tips and support
See suggestions for ways to support yourself.

NOTHING TO HID3

"Data reuse"

Opinion

Facebook Under Oath: You Have No Expectation of Privacy

The social media giant thinks privacy is a you problem.

By Charlie Warzel
Mr. Warzel is an Opinion writer at large.

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@KirilsSolovjovs, 2019. https://kirils.org

NOTHING TO HID3
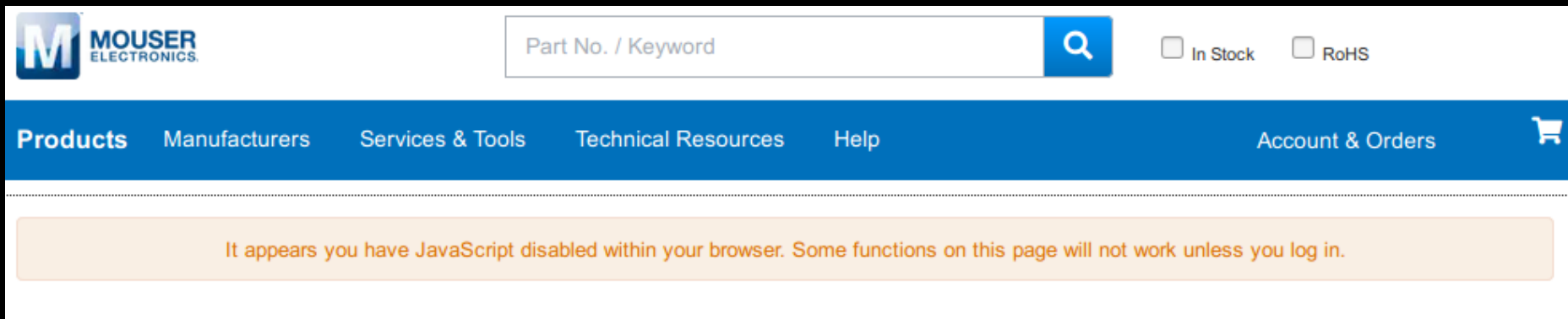
German BSI withholds Truecrypt security report

The German Federal Office for Information Security has created a detailed analysis of the software Truecrypt in 2010. The results ended up in the drawer, the public was not informed about the found security risks.

16. Dezember 2019, 13:01 Uhr , Hanno Böck
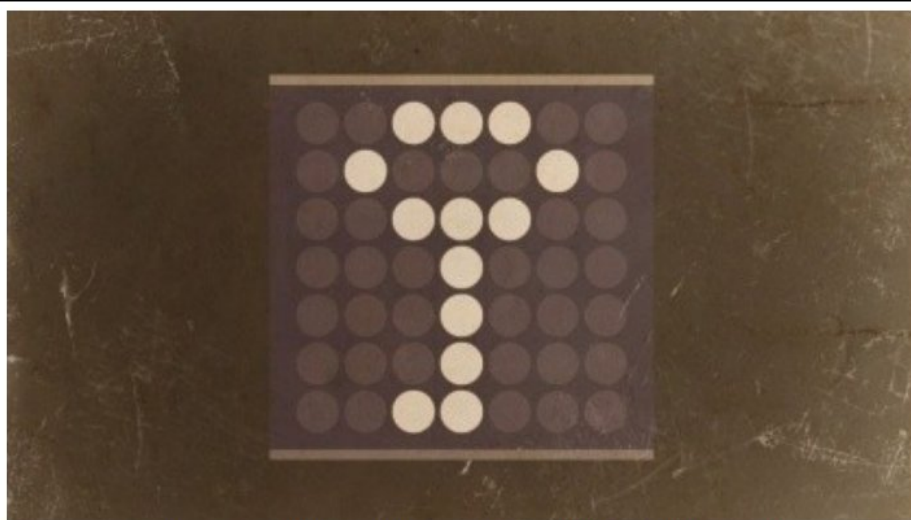
(Bild: Truecrypt-Logo / Effekt)

The BSI knew a lot about the security of Truecrypt, but it decided to keep the documents secret.

Bitte aktivieren Sie Javascript.
Oder nutzen Sie das Golem-pur-Angebot
und lesen Golem.de

- ohne Werbung
- mit ausgeschaltetem Javascript
- mit RSS-Volltext-Feed

Web browsing
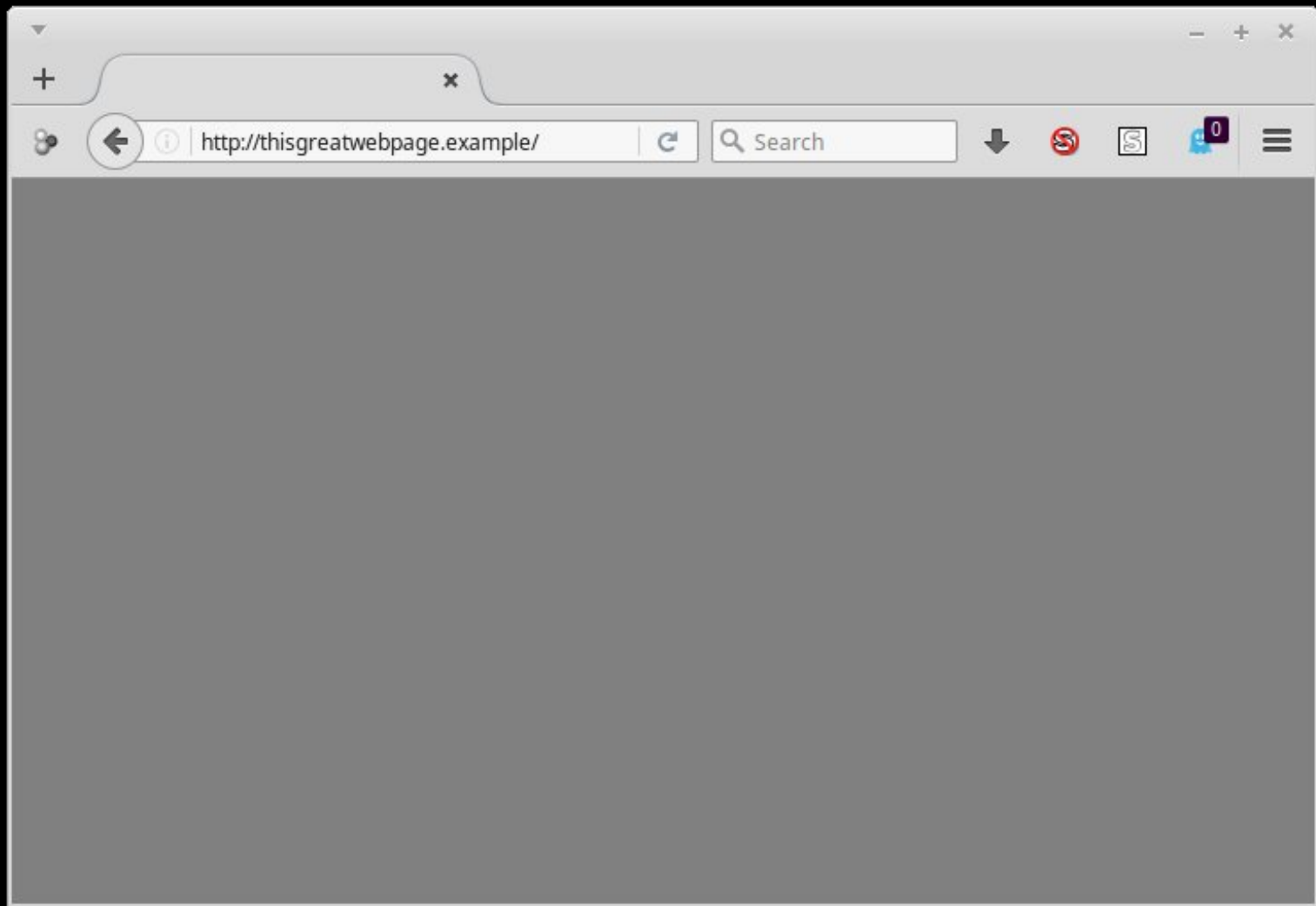
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@KirilsSolovjovs, 2019. https://kirils.org

Web browsing

Web browsing

to our *Terms of Service*.

☐ **I agree**

Continue to site

Back to all options

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CompTIA

Kirils Solovjovs

has successfully completed the
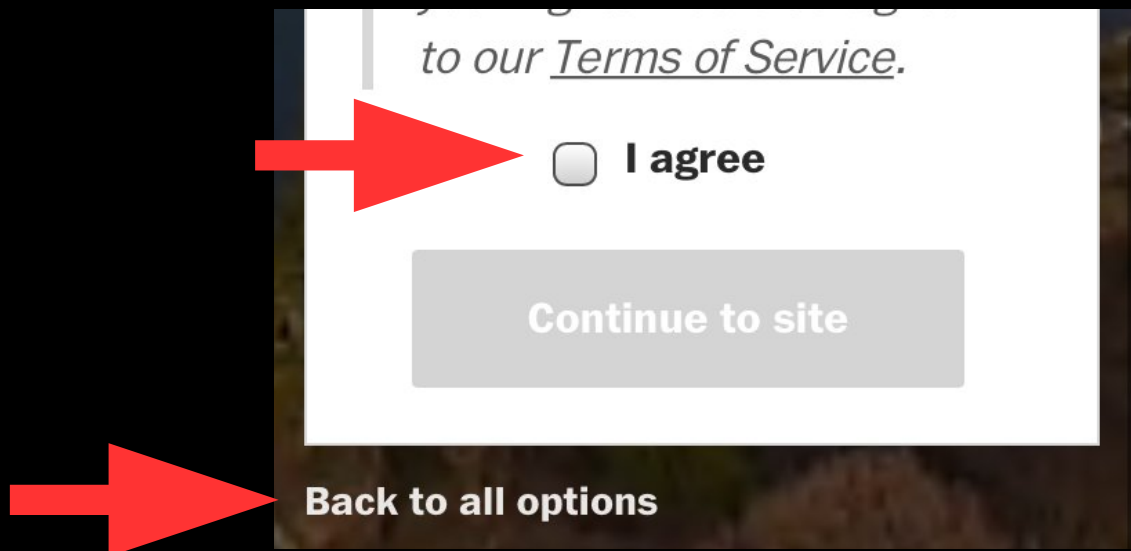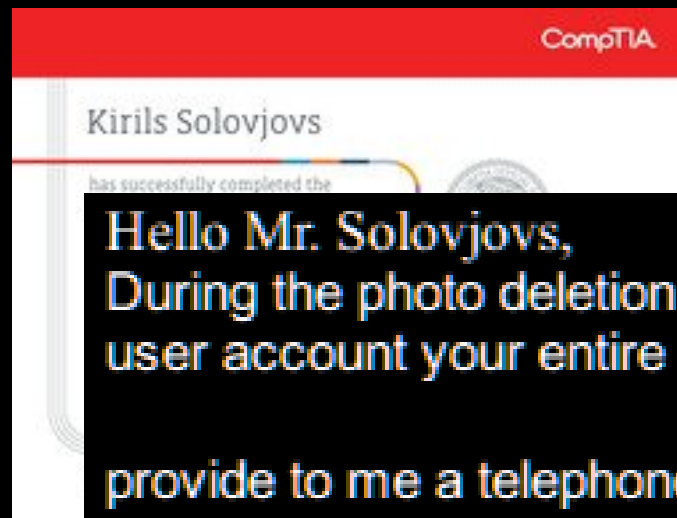
Hello Mr. Solovjovs,
During the photo deletion process you requested in your
user account your entire account was deleted on our system.

I kindly request that you please
provide to me a telephone number that we may call you at and a few
different days/times that you will be available so that we may have a
customer service agent call you to assist you in adding
a new username to your

I sincerely apologize
to you for this error and want to assure you that   takes
pride in our client and test taker relationships.

CERTIFIED - CE

NOTHING TO HID3

SMS spam

CreditOn.lv

Sveiki! Diemzel Tavs pieteikums paterina kreditam ir noraidits. CreditOn.lv

Laime MAXIMA davanu karti 50 EUR vertiba! Ienac sava CreditOn.lv profila, atjauno informaciju un piedalies izloze. Vairak informacijas Tava e-pasta.
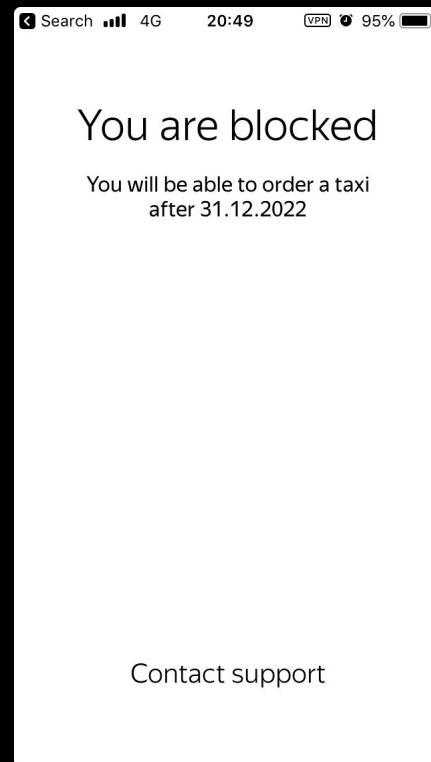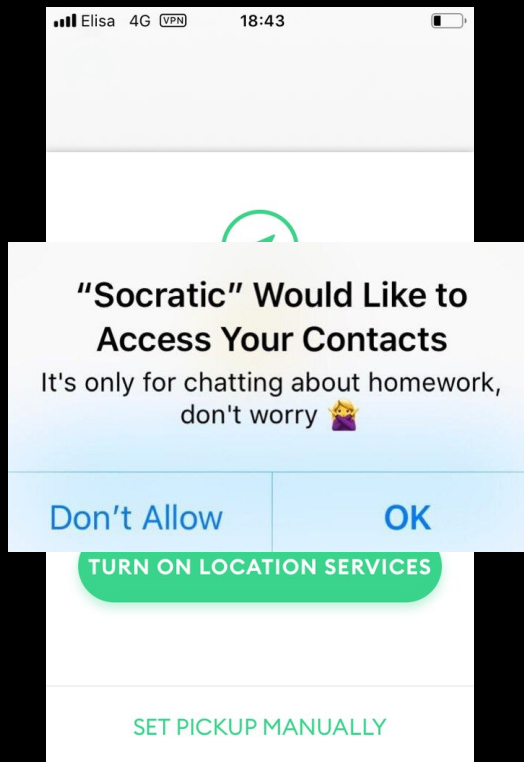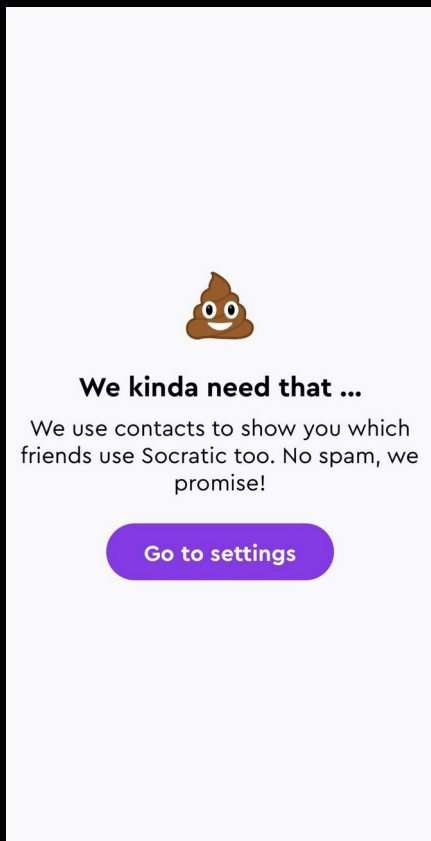
NOTHING TO HID3

@KirilsSolovjovs, 2019. https://kirils.org

Getting postal mail

NOTHING TO HID3

Mobile apps

We kinda need that …

We use contacts to show you which friends use Socratic too. No spam, we promise!

Go to settings

Elisa 4G VPN 18:43

"Socratic" Would Like to Access Your Contacts

It's only for chatting about homework, don't worry 🙇‍♀️

Don't Allow   OK

TURN ON LOCATION SERVICES

SET PICKUP MANUALLY

Search 📶 4G 20:49 VPN ⏰ 95%

You are blocked

You will be able to order a taxi after 31.12.2022

Contact support

NOTHING TO HID3

Yandex.Taxi privacy policy

Location.	To determine the pickup location. To generate a list of fare rates for the region.	Requires permission to determine your location using your mobile network or GPS. Transmission of location data can be disabled in your device's system settings.
Phone number.	Authorization. To generate push and SMS notifications. To allow the driver to communicate with the client.	The app cannot function without access to this data. If you do not wish to transmit this data, do not use Yandex.Taxi.
Email.	Generate ride reports.	You can remove your email address in the app settings.

NOTHING TO HID3

Yandex

veYandex.Taxi privacy policy

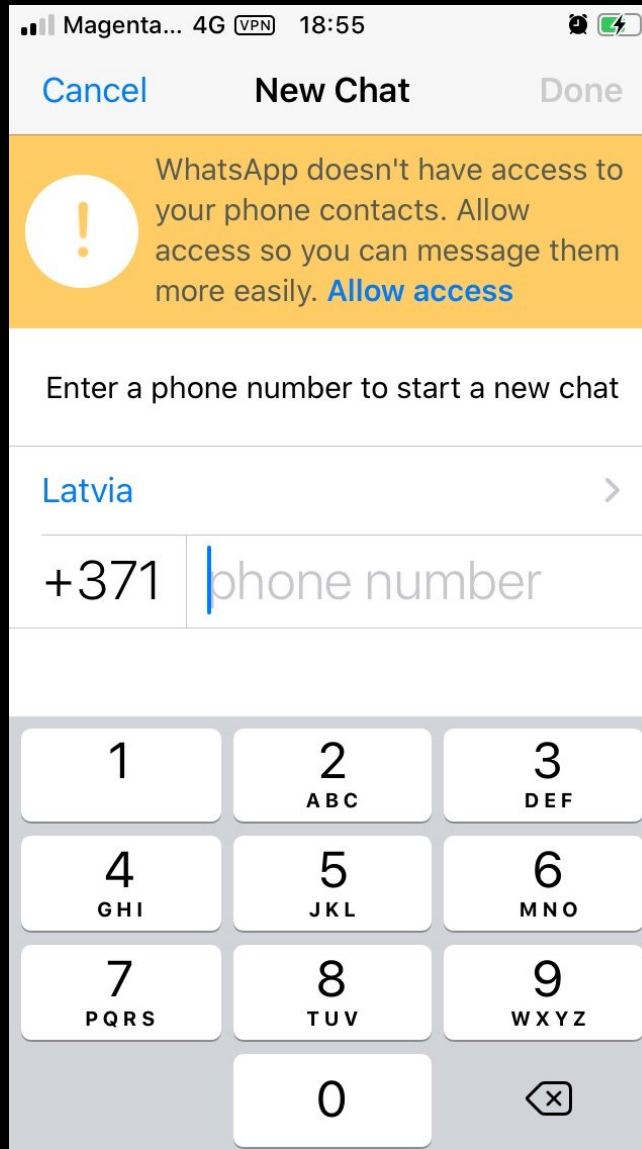|		
User interaction with interface elements: scrolling, clicking, and interacting with the menu.	To improve app performance quality.	The app cannot function without access to this data. If you do not wish to transmit this data, do not use Yandex.Taxi.
Device technical characteristics: model, manufacturer, operating system name and version, screen size, sensor information, device identifiers.	To improve app performance quality.	The app cannot function without access to this data. If you do not wish to transmit this data, do not use Yandex.Taxi.
Android operating system characteristics: amount of disk space, system settings, list of installed applications.	To improve app performance quality.	The app cannot function without access to this data. If you do not wish to transmit this data, do not use Yandex.Taxi.

NOTHING TO HID3

Mobile apps

NOTH1NG TO H1D3

@KirilsSolovjovs, 2019. https://kirils.org

Mobile apps

NOTHING TO HID3
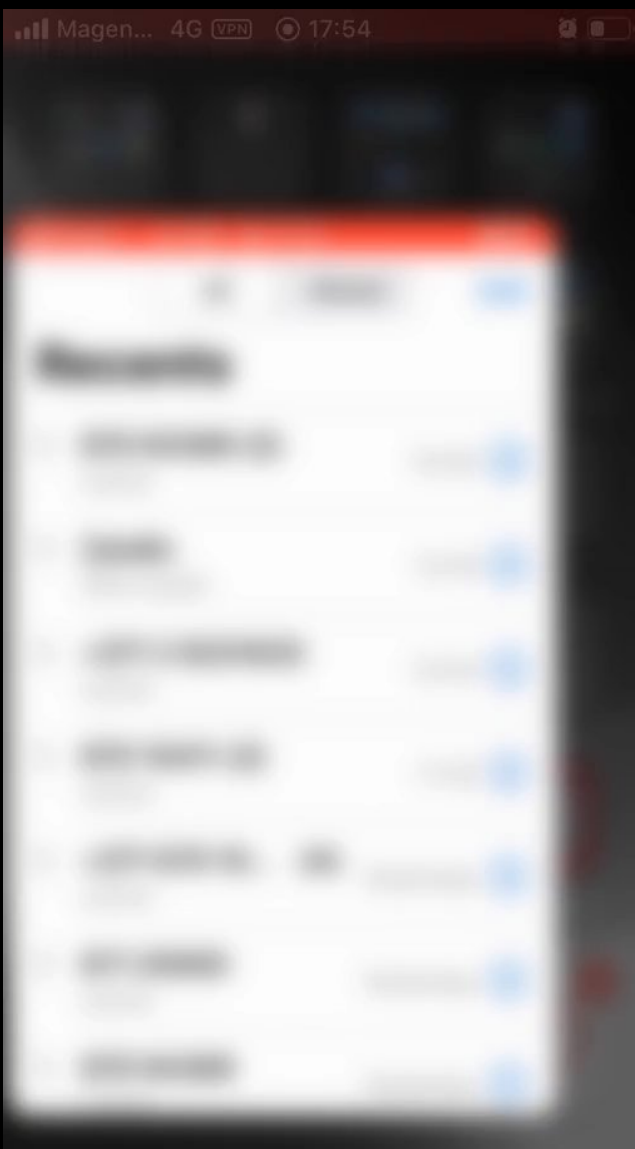
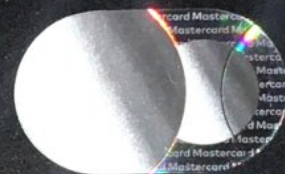@KirilsSolovjovs, 2019. https://kirils.org

PREMIUM PLUS

Prepaid card + Online purchases
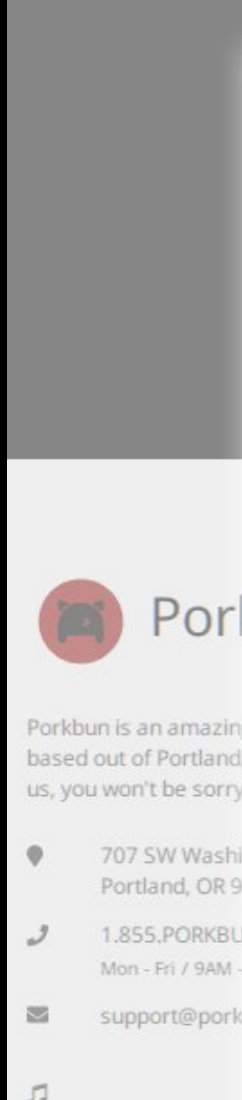
ELECTRONIC USE ONLY

5342 1931 2019 2020
5342

VALID THRU   MONTH/YEAR
07/22

LIETOSANAS TERMINS 1GADS

mastercard

Public transport

NOTHING TO HID3

@KirilsSolovjovs, 2019. https://kirils.org

Airport scanners

Fingerprints in passports

- "We don't need your fingerprint"

- "We only store fingerprint in your passport"

- "We also store its «hash» in a database"
  - wsq (FBI's Wavelet Scalar Quantization algo)

0100 1101 1001	0100 1101 1001
kreisais-raditajpirksts.wsq	labais-raditajpirksts.wsq
14,4 kB	14,9 kB

Fingerprints in passports

- "We don't need your fingerprint"
- "We only store fingerprint in your passport"
- "We also store its «hash» in a database"
  - wsq (FBI's Wavelet Scalar Quantization algo)
- "Hey, that's my whole fingerprint!"

NOTHING TO HID3

Fingerprints in passports

NOTHING TO HIDj

rnhdev / **wsq2jpeg**

<> Code   ⓘ Issues 0   Pull requests 0   Projects 0   Wiki   Security   Insights

wsq2jpeg - A Wavelet Scalar Quantization algorithm (WSQ) conversion library

`wsq` `fingerprint` `nbis` `security` `image` `jpeg`

🕐 **7 commits**   🎋 **2 branches**   🏷 **0 releases**   👥 **1 contributor**

Branch: master ▾   New pull request   Create new file Upload files Find File Clone or download ▾

💻 **rnhdev** modificado: CMakeLists.txt ⋯		Latest commit *ab04dcd* on Mar 8
📁 include	modificado: CMakeLists.txt	7 months ago
📁 **src**	modificado: CMakeLists.txt	7 months ago
📁 test	modificado: CMakeLists.txt	7 months ago
📁 third_party	nuevo archivo: .gitmodules	7 months ago
📄 .gitmodules	nuevo archivo: .gitmodules	7 months ago
📄 CMakeLists.txt	modificado: CMakeLists.txt	7 months ago
📄 README.md	Update README.md	7 months ago

📖 **README.md**

wsq2jpeg - A Wavelet Scalar Quantization algorithm (WSQ) conversion library
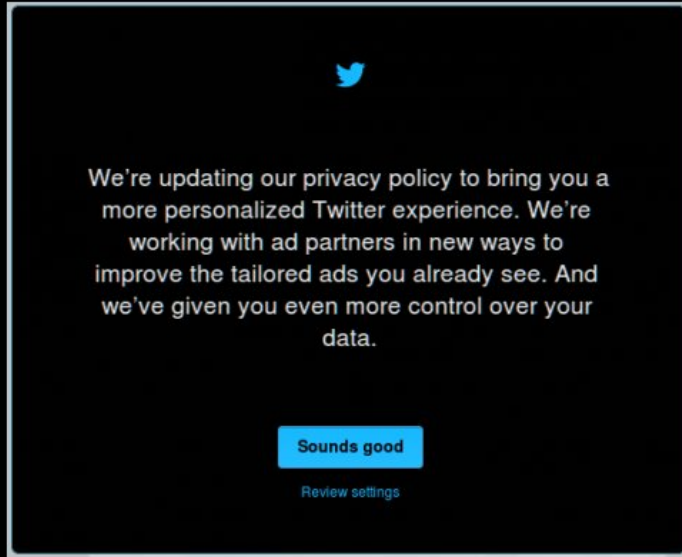
Is a library to convert wsq images to jpeg format and vice versa. Allows individual or batch processing. Only supports images in grayscale.
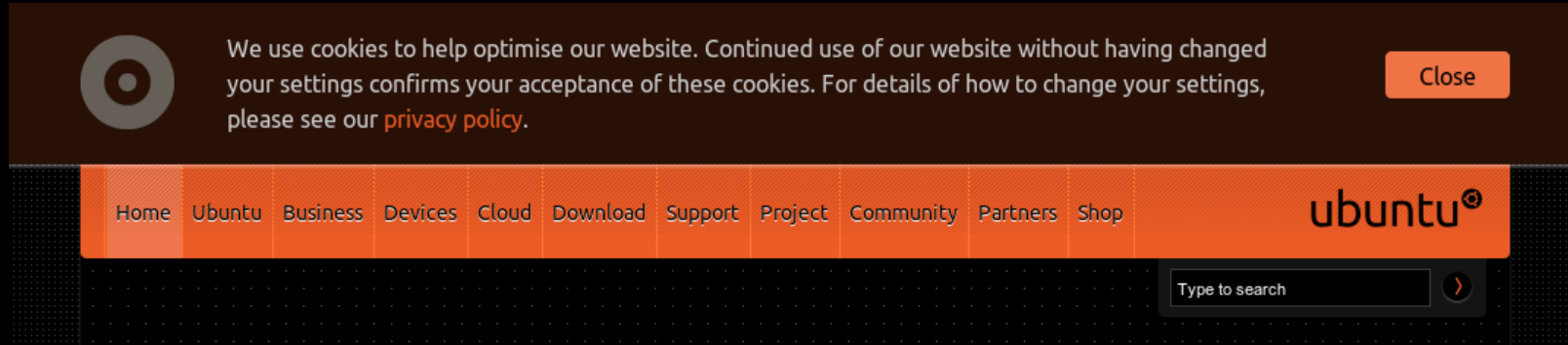
@KirilsSolovjovs, 2019. https://kirils.org

Status quo

NOTHING TO HID3

EU only {

- User demand ☹
- Cookie law 😐
- GDPR for "big data" ☹
- GDPR 😊
- Surveillance tech ☹
- Encryption 😐

@KirilsSolovjovs, 2019. https://kirils.org

How can you fix it?

- User demand 🙁
- Cookie law 😐
- GDPR for "big data" 🙁
- GDPR 😊
- Surveillance tech 🙁
- Encryption 😐

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Who was that guy?

🐦 @KirilsSolovjovs

Follow me! It's free¹ ;-)

- A privacy zealot, obviously

- Lead researcher at Possible Security, Latvia

- Hacking and breaking things:
  - Network flow analysis & RE
  - Social engineering
  - Legal dimension

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¹ free as in speech²