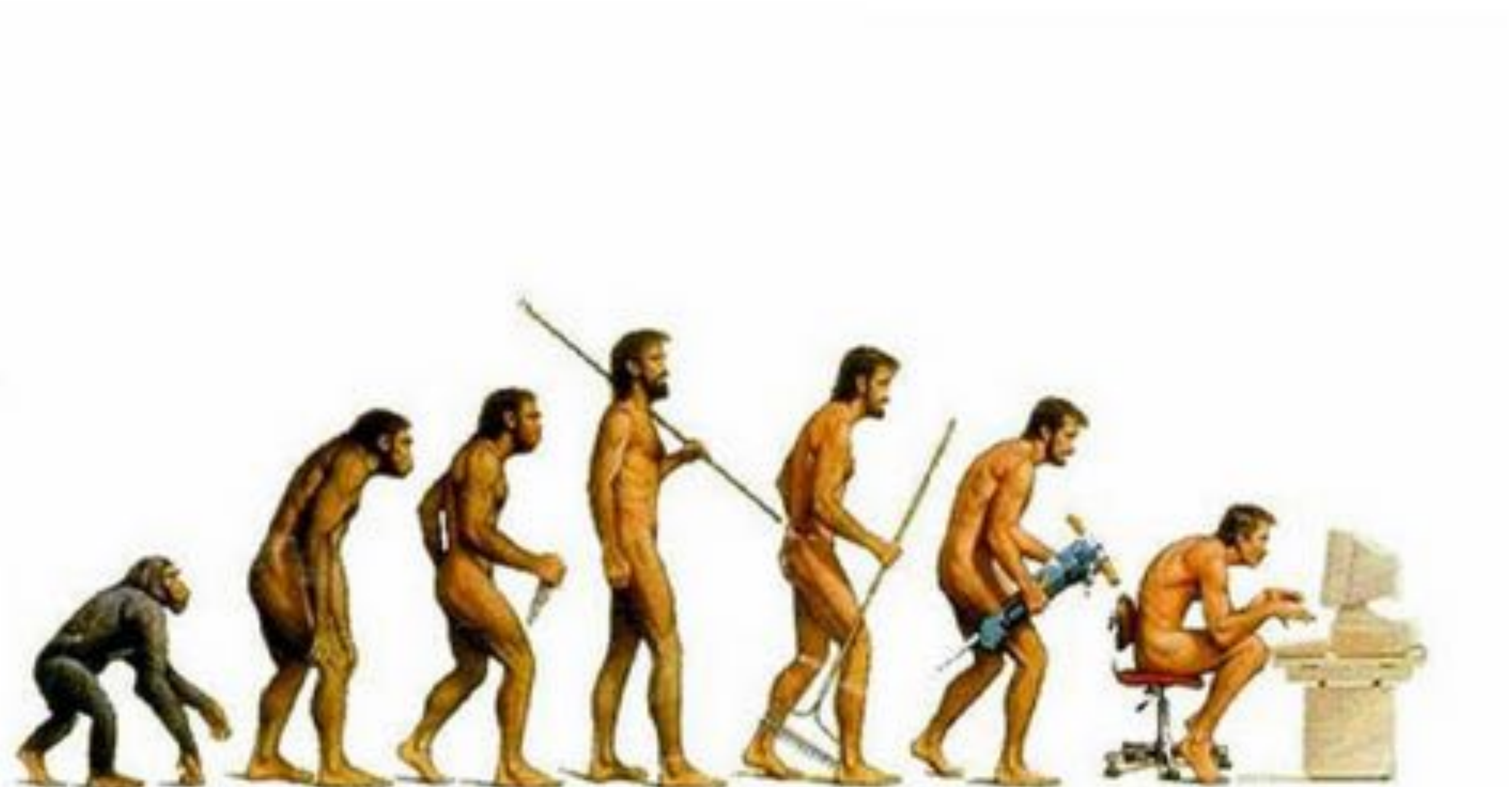
INTERNET OF (STUPID) THINGS

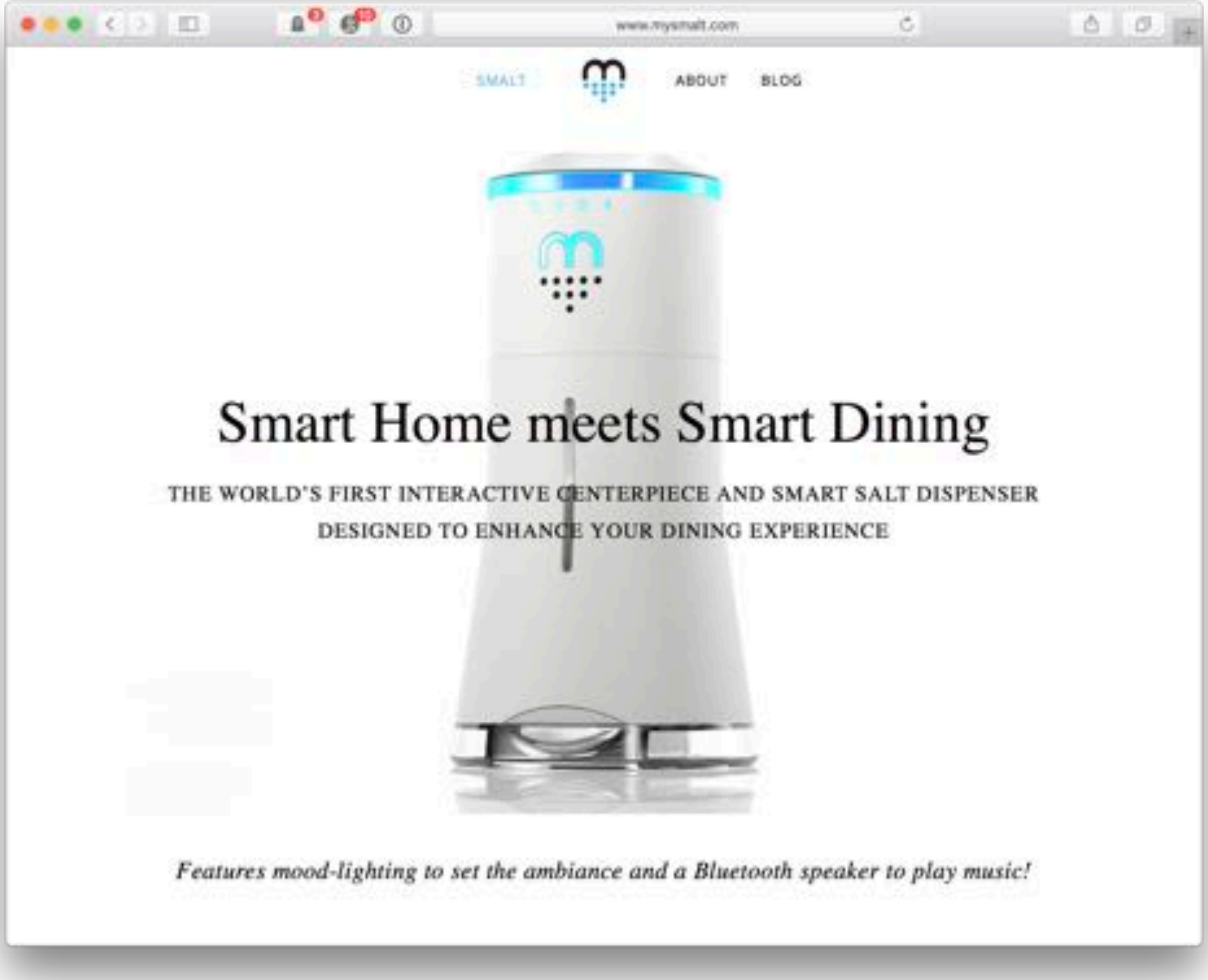
WHY DARWIN THEORY CAN BE WRONG



EVOLUTION?

Chapter 1.

whatever. put a chip in it. say hello. get data. profit.

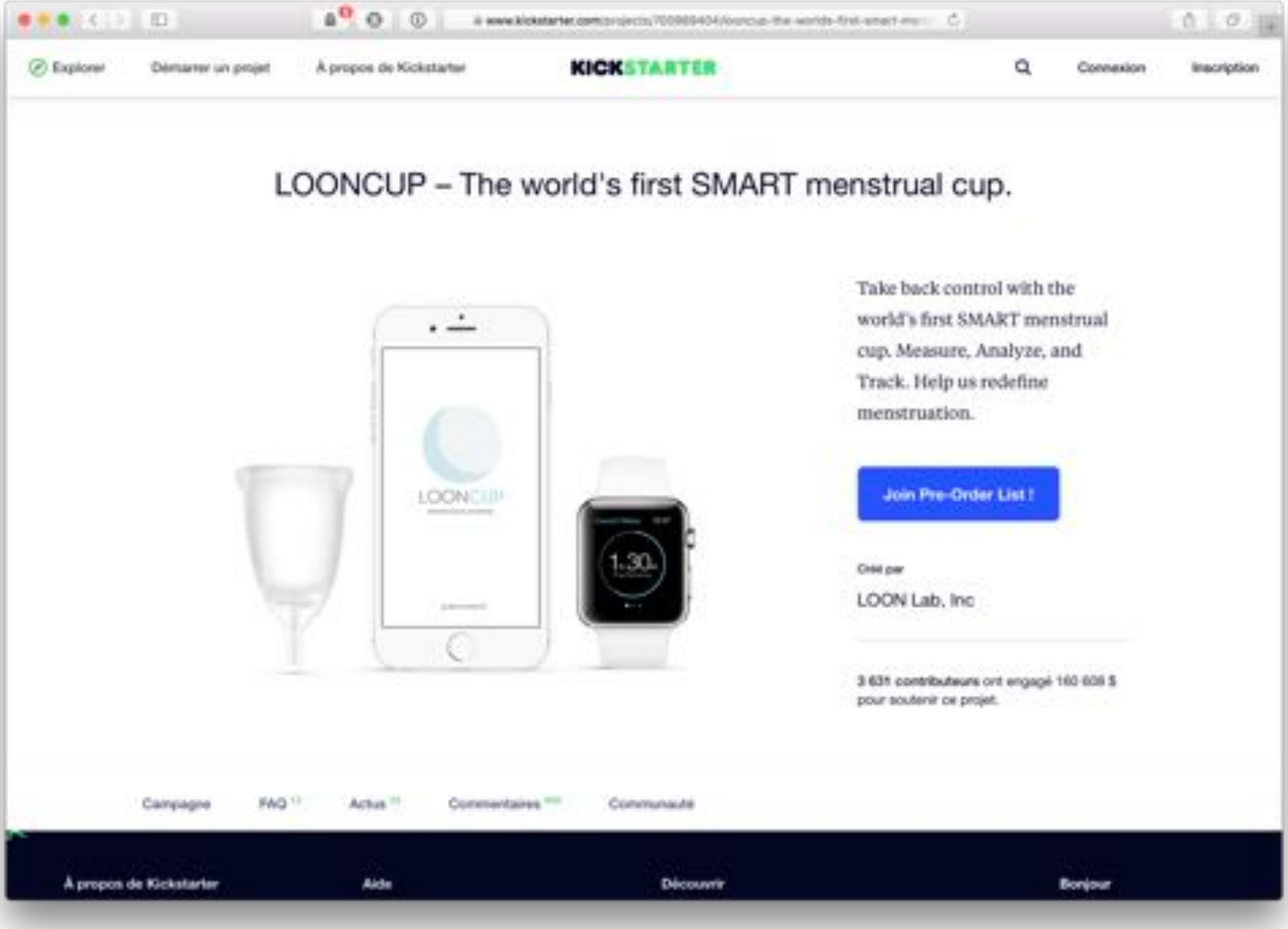


Smart Home meets Smart Dining

THE WORLD'S FIRST INTERACTIVE CENTERPIECE AND SMART SALT DISPENSER DESIGNED TO ENHANCE YOUR DINING EXPERIENCE

Features mood-lighting to set the ambiance and a Bluetooth speaker to play music!

The future is now!



LOONCUP – The world's first SMART menstrual cup.

Take back control with the world's first SMART menstrual cup. Measure, Analyze, and Track. Help us redefine menstruation.

Créé par

LOON Lab, Inc

3 631 contributeurs ont engagé 160 606 $ pour soutenir ce projet.

The future is now!

The future is now!

The future is now!

IOT?

Chapter 2.
What?

Internet of Things =

a thing + the Internet

Object + Web Service

Information asymetry

Physical object

(Bought)

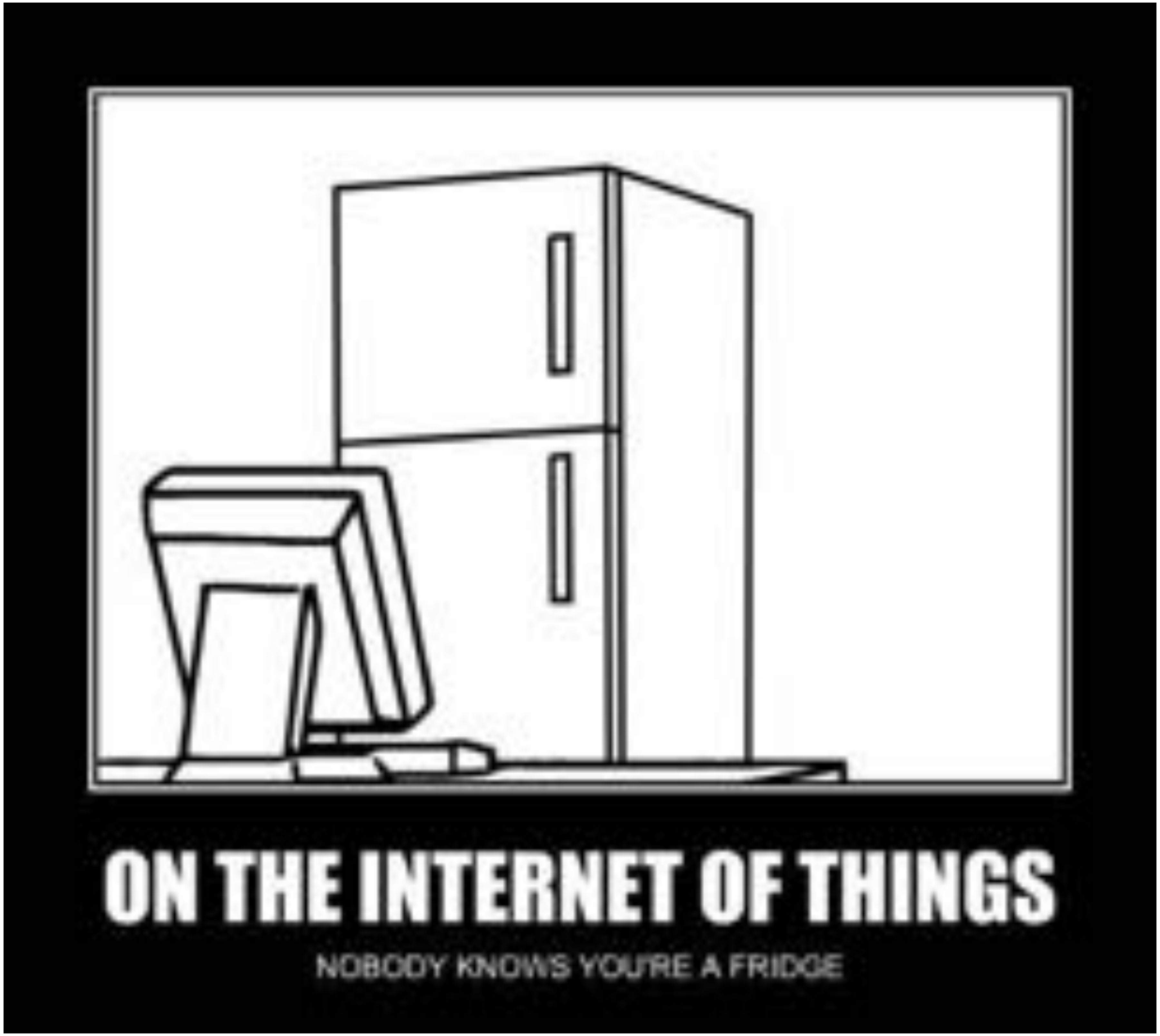
Web service

(Licensed)

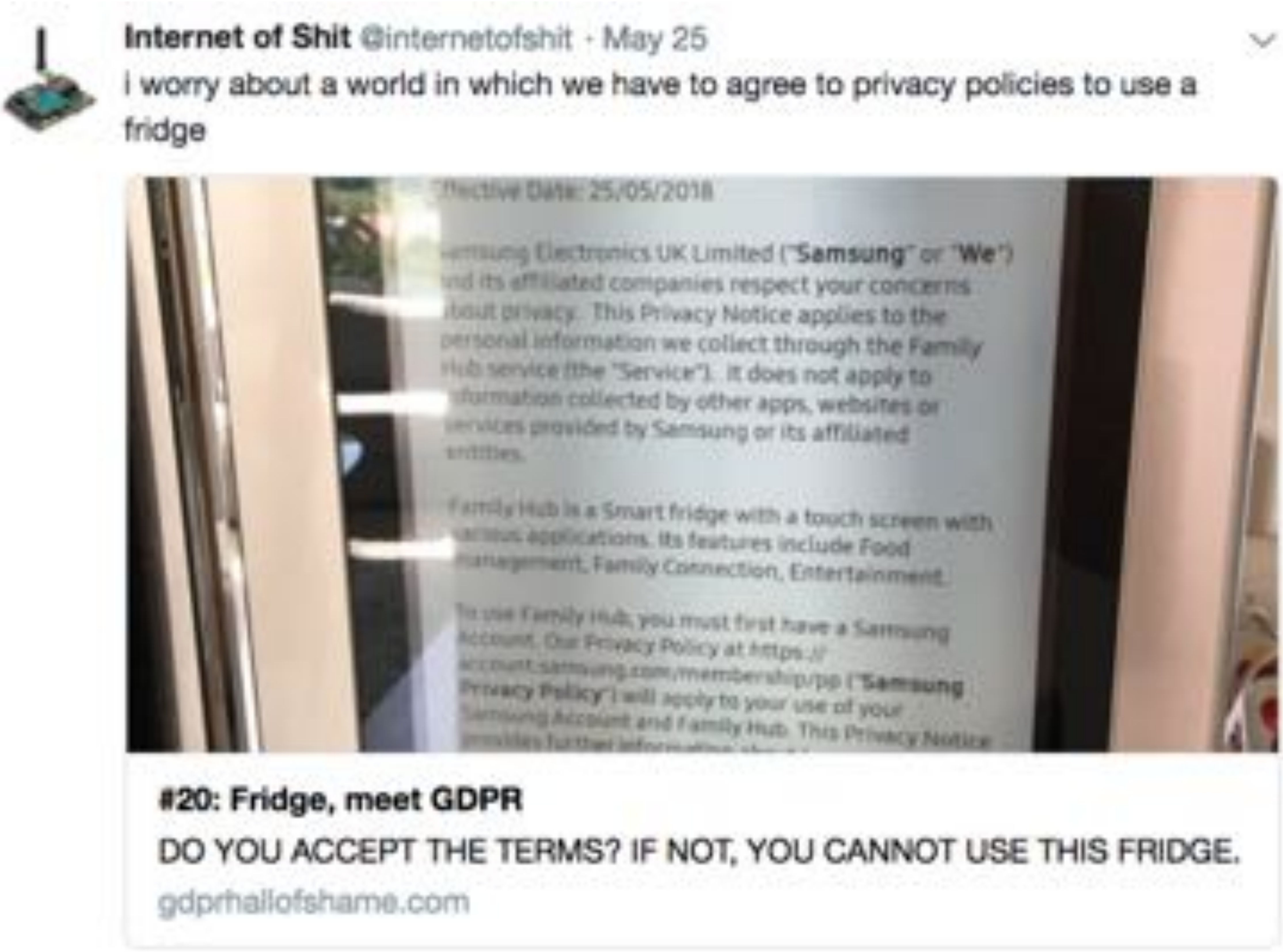
VS

Consumer rights in IoT = legal rights on the thing

(not the web service, ie, not the connected part)


ON THE INTERNET OF THINGS
NOBODY KNOWS YOU'RE A FRIDGE

Chapter 3.
Darwin 101 - The fittest survives. LOL.



Internet of Shit @internetofshit · May 25

i worry about a world in which we have to agree to privacy policies to use a fridge

ffective Date: 25/05/2018

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#20: Fridge, meet GDPR

DO YOU ACCEPT THE TERMS? IF NOT, YOU CANNOT USE THIS FRIDGE.

gdprhallofshame.com

https://account.samsung.com/membership/pp

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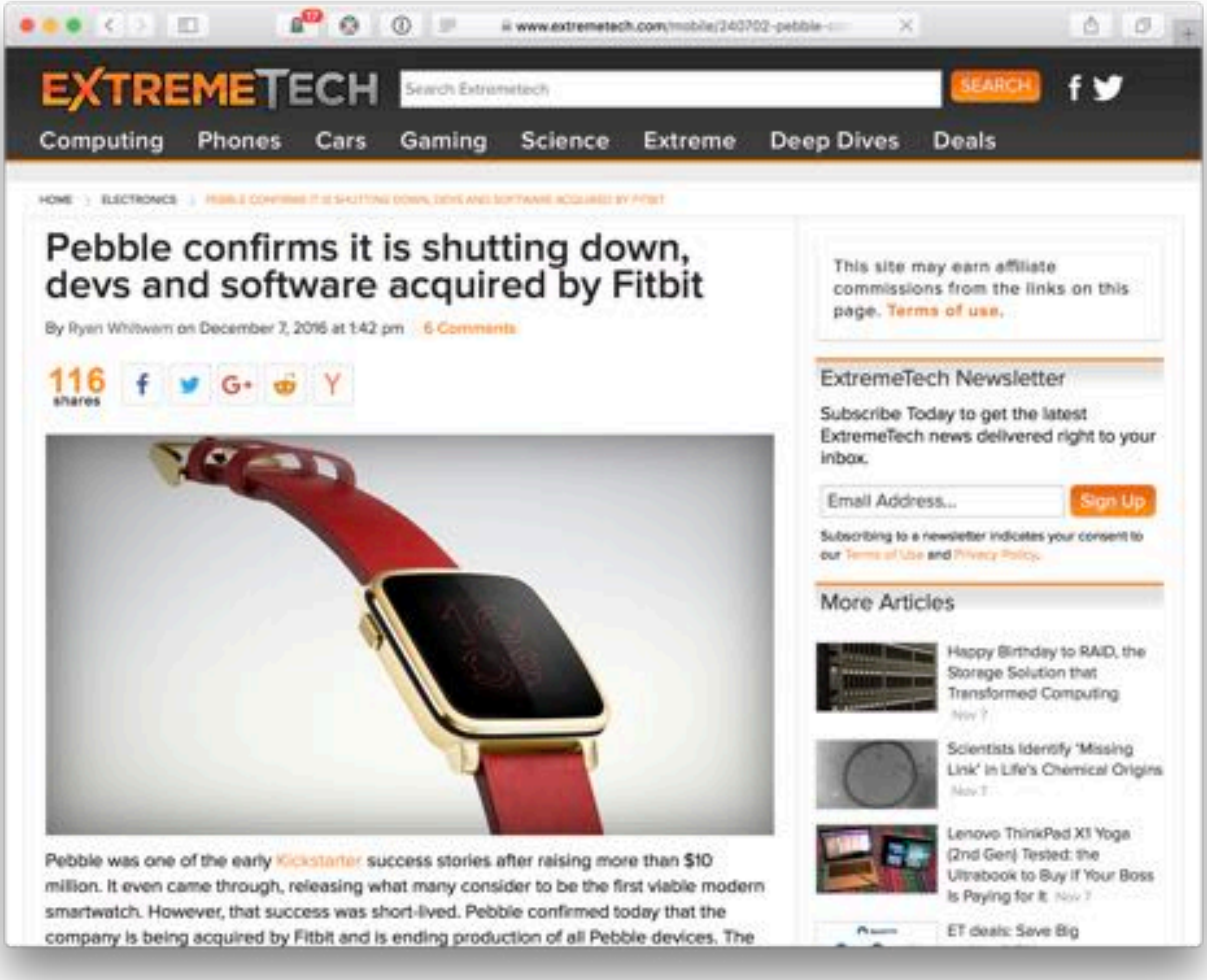
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HOME > ELECTRONICS > PEBBLE CONFIRMS IT IS SHUTTING DOWN, DEVS AND SOFTWARE ACQUIRED BY FITBIT
116 shares
Email Address...
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Pebble confirms it is shutting down, devs and software acquired by Fitbit

By Ryan Whitwam on December 7, 2016 at 1:42 pm 6 Comments

Pebble was one of the early Kickstarter success stories after raising more than $10 million. It even came through, releasing what many consider to be the first viable modern smartwatch. However, that success was short-lived. Pebble confirmed today that the company is being acquired by Fitbit and is ending production of all Pebble devices. The

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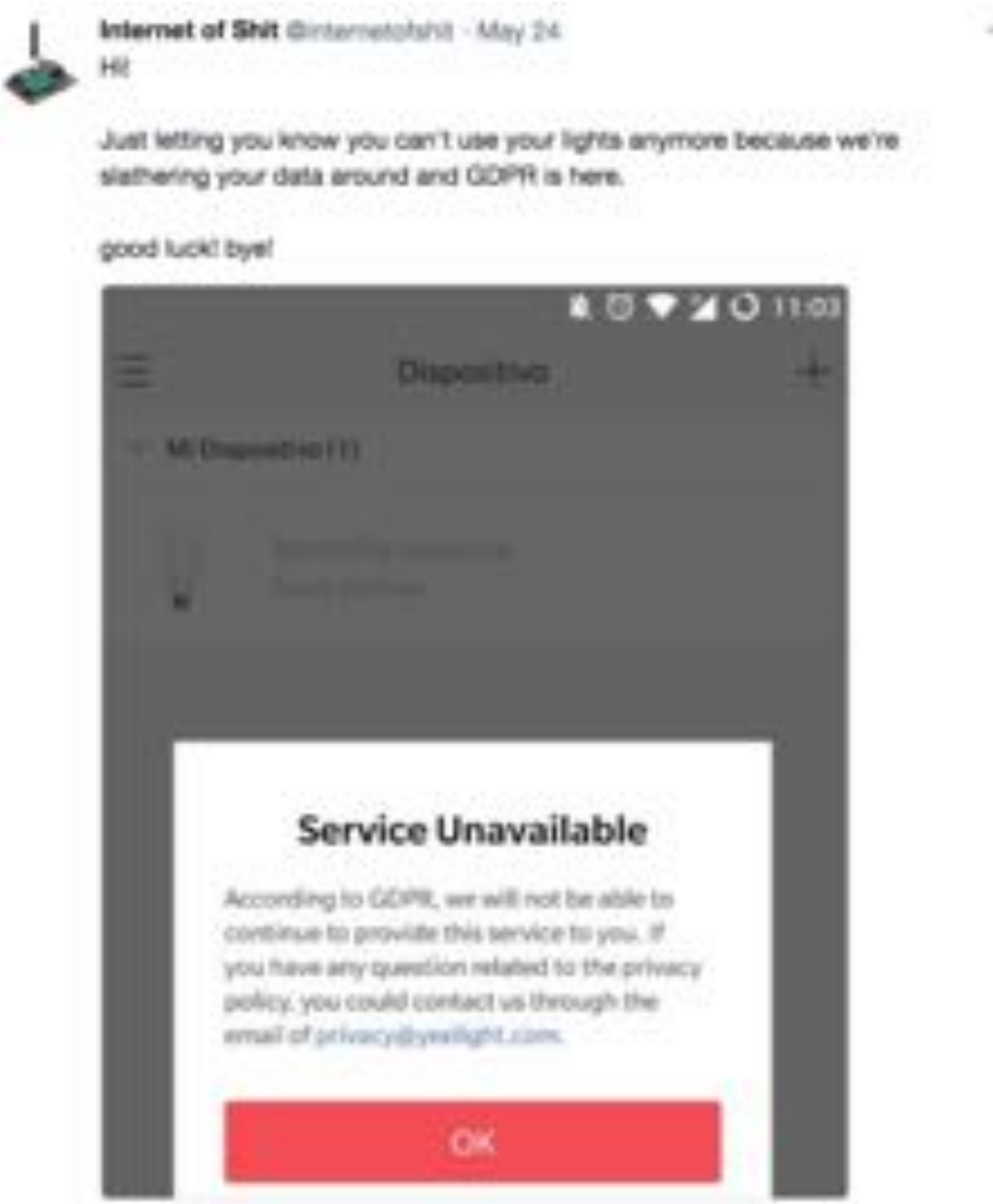


Internet of Shit @internetofshit · May 24

Hi!

Just letting you know you can't use your lights anymore because we're slathering your data around and GDPR is here.

good luck! bye!

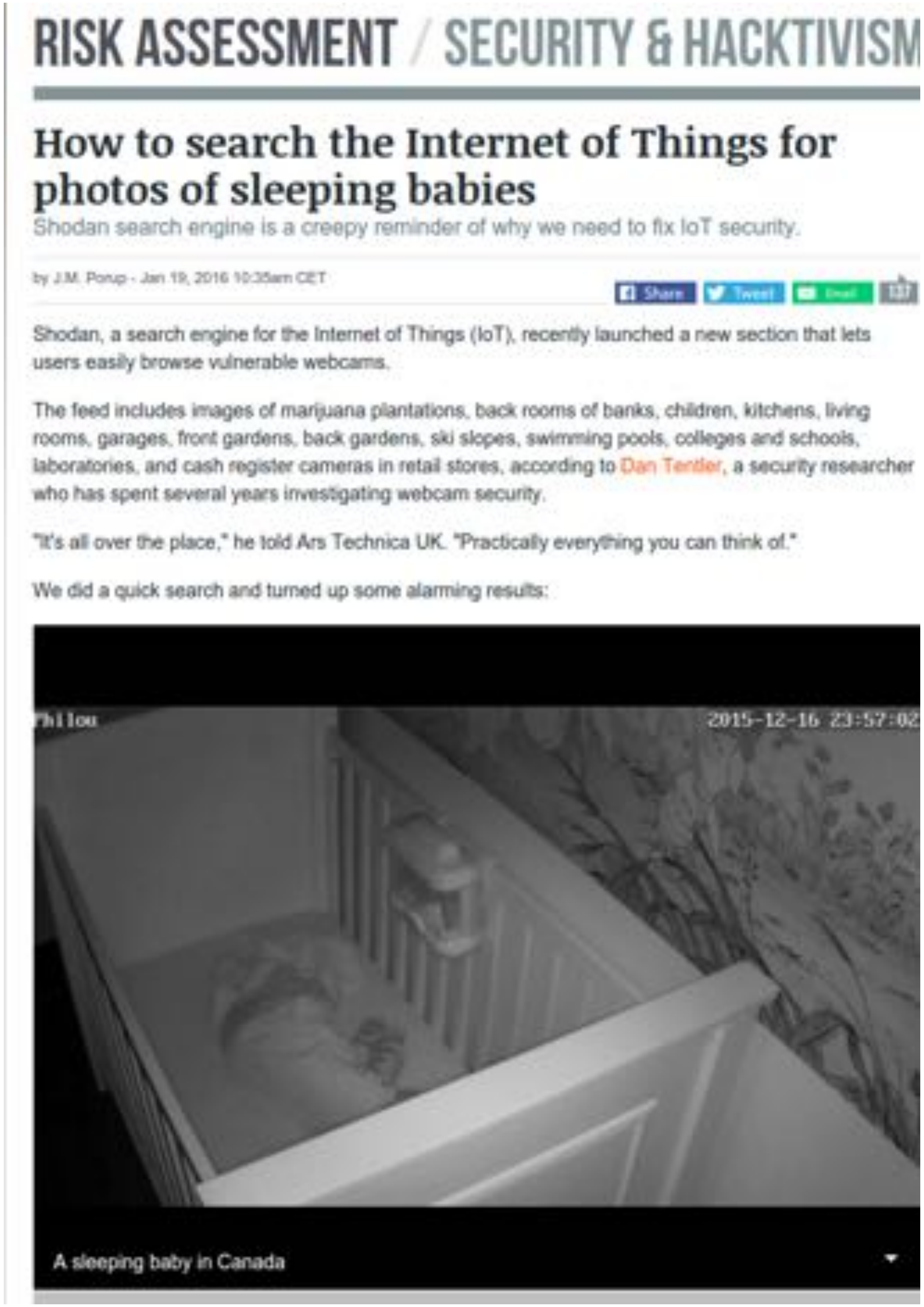
Service Unavailable

According to GDPR, we will not be able to continue to provide this service to you. If you have any question related to the privacy policy, you could contact us through the email of privacy@yeelight.com.

IOT?

Chapter 3.
Darwin 101 - The strongest survives. LOL.

The « S » in IoT stands for security



RISK ASSESSMENT / SECURITY & HACKTIVISM

How to search the Internet of Things for photos of sleeping babies

Shodan search engine is a creepy reminder of why we need to fix IoT security.

by J.M. Porup - Jan 19, 2016 10:35am CET

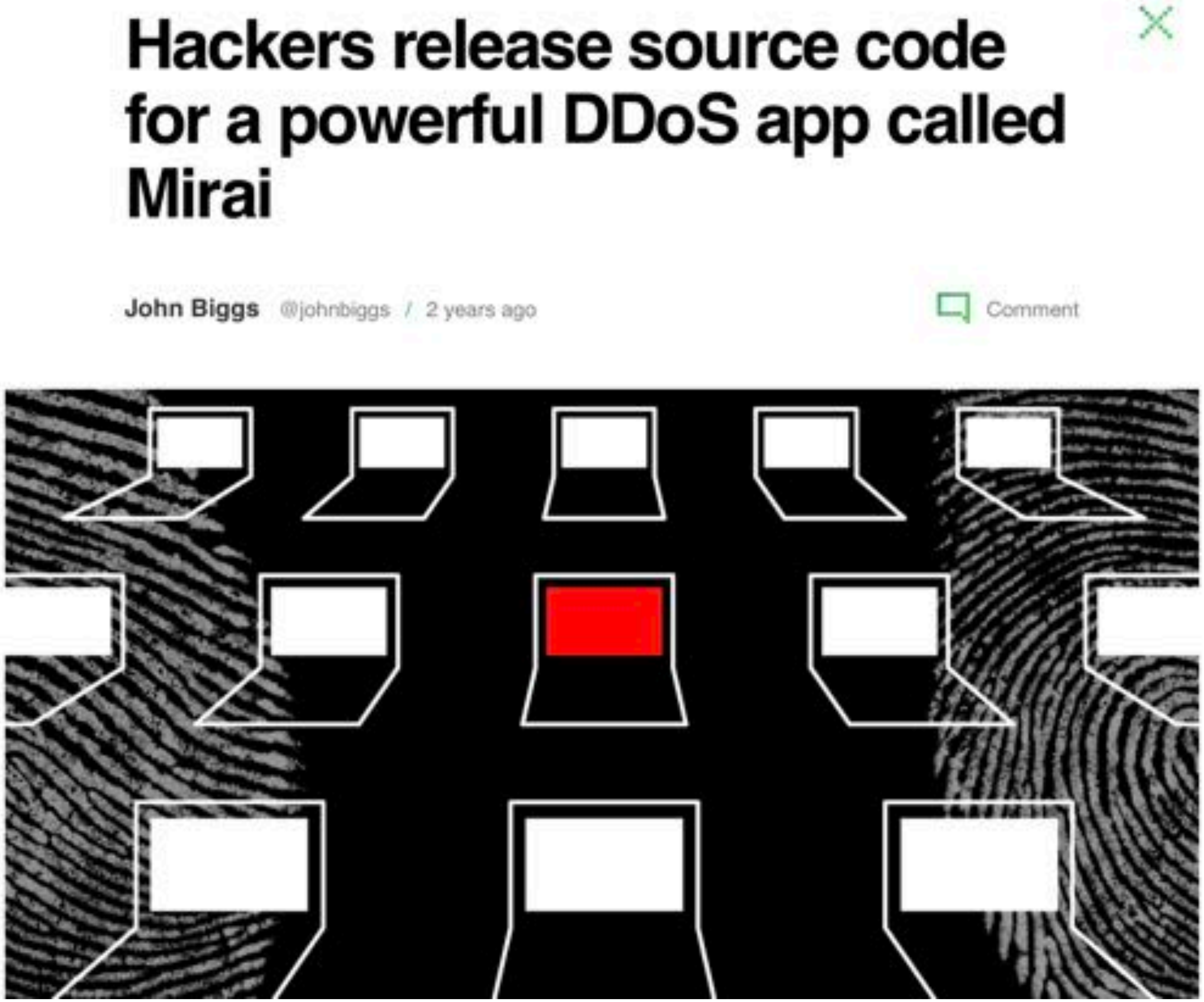
Shodan, a search engine for the Internet of Things (IoT), recently launched a new section that lets users easily browse vulnerable webcams.

The feed includes images of marijuana plantations, back rooms of banks, children, kitchens, living rooms, garages, front gardens, back gardens, ski slopes, swimming pools, colleges and schools, laboratories, and cash register cameras in retail stores, according to Dan Tentler, a security researcher who has spent several years investigating webcam security.

"It's all over the place," he told Ars Technica UK. "Practically everything you can think of."

We did a quick search and turned up some alarming results:

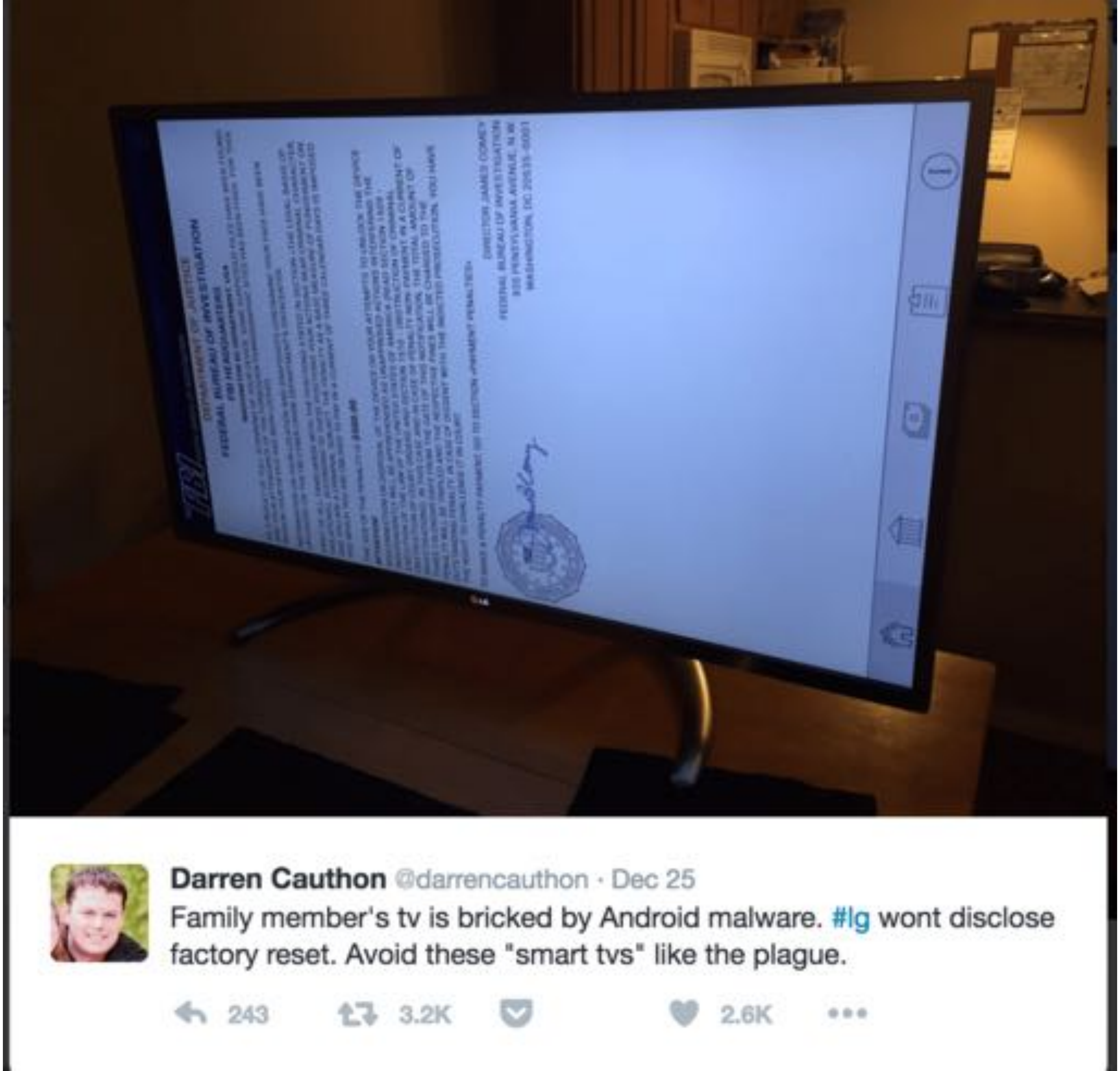
A sleeping baby in Canada



Hackers release source code for a powerful DDoS app called Mirai

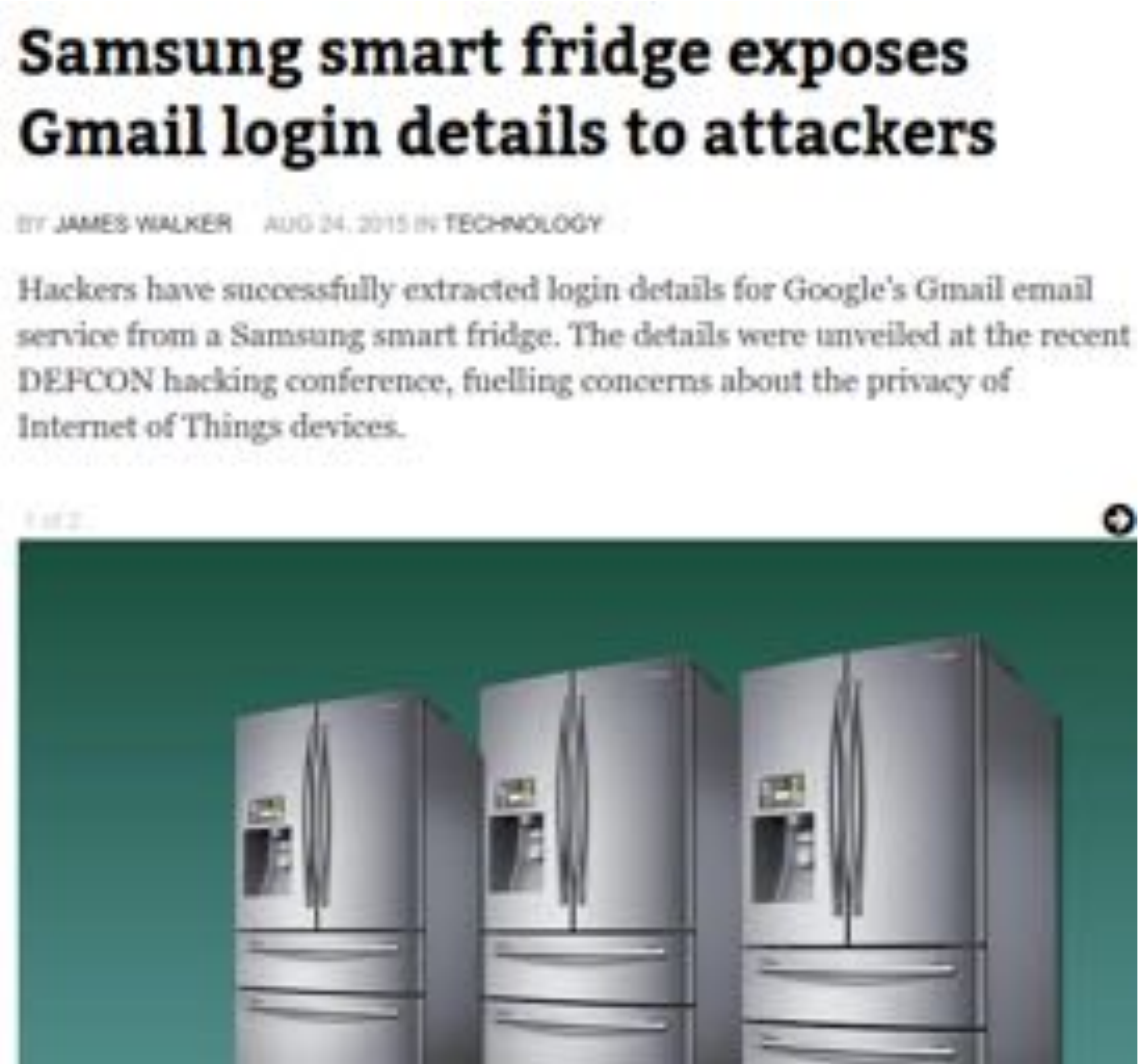
John Biggs @johnbiggs / 2 years ago

Comment



Darren Cauthon @darrencauthon · Dec 25

Family member's tv is bricked by Android malware. #lg wont disclose factory reset. Avoid these "smart tvs" like the plague.

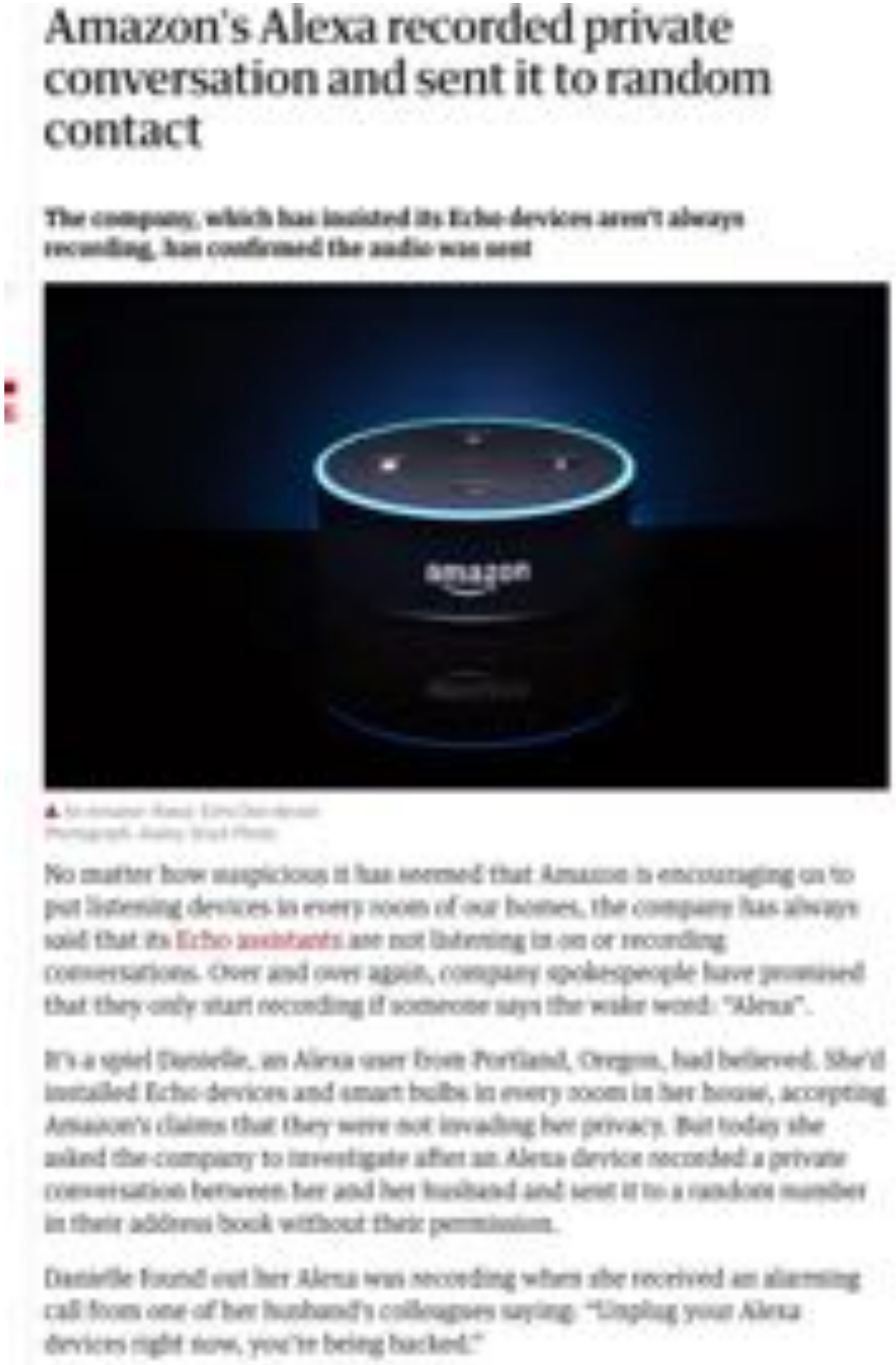


Samsung smart fridge exposes Gmail login details to attackers

BY JAMES WALKER AUG 24, 2015 IN TECHNOLOGY

Hackers have successfully extracted login details for Google's Gmail email service from a Samsung smart fridge. The details were unveiled at the recent DEFCON hacking conference, fuelling concerns about the privacy of Internet of Things devices.

1 of 2



Amazon's Alexa recorded private conversation and sent it to random contact

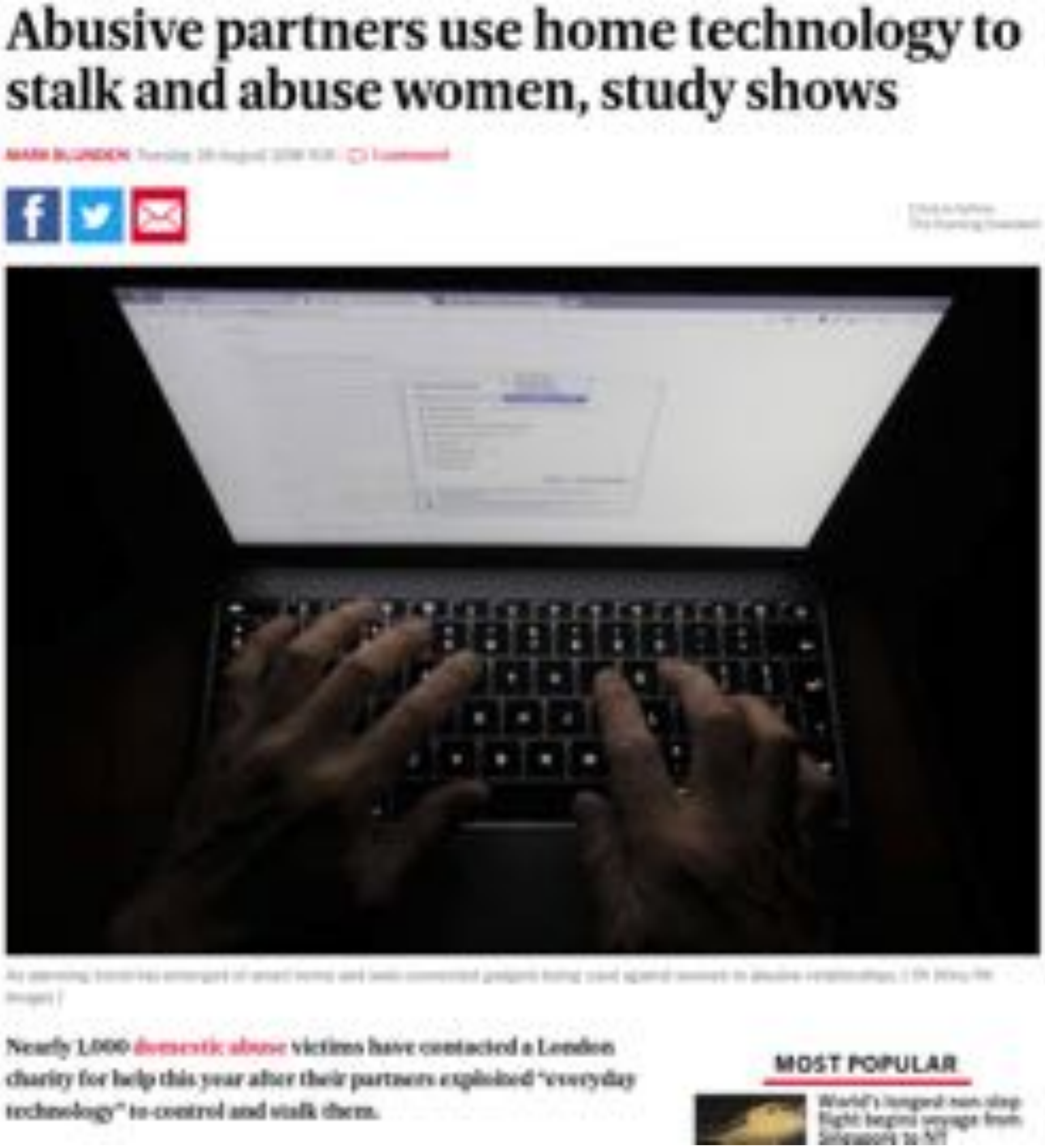
The company, which has insisted its Echo devices aren't always recording, has confirmed the audio was sent

▲ An Amazon Alexa Echo Dot device.
Photograph: Alamy Stock Photo

No matter how suspicious it has seemed that Amazon is encouraging us to put listening devices in every room of our homes, the company has always said that its Echo assistants are not listening in on or recording conversations. Over and over again, company spokespeople have promised that they only start recording if someone says the wake word: "Alexa".

It's a spiel Danielle, an Alexa user from Portland, Oregon, had believed. She'd installed Echo devices and smart bulbs in every room in her house, accepting Amazon's claims that they were not invading her privacy. But today she asked the company to investigate after an Alexa device recorded a private conversation between her and her husband and sent it to a random number in their address book without their permission.

Danielle found out her Alexa was recording when she received an alarming call from one of her husband's colleagues saying: "Unplug your Alexa devices right now, you're being hacked."



Abusive partners use home technology to stalk and abuse women, study shows

MARK BLUNDEN Tuesday 28 August 2018 9:31 | 1 comment

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The Evening Standard

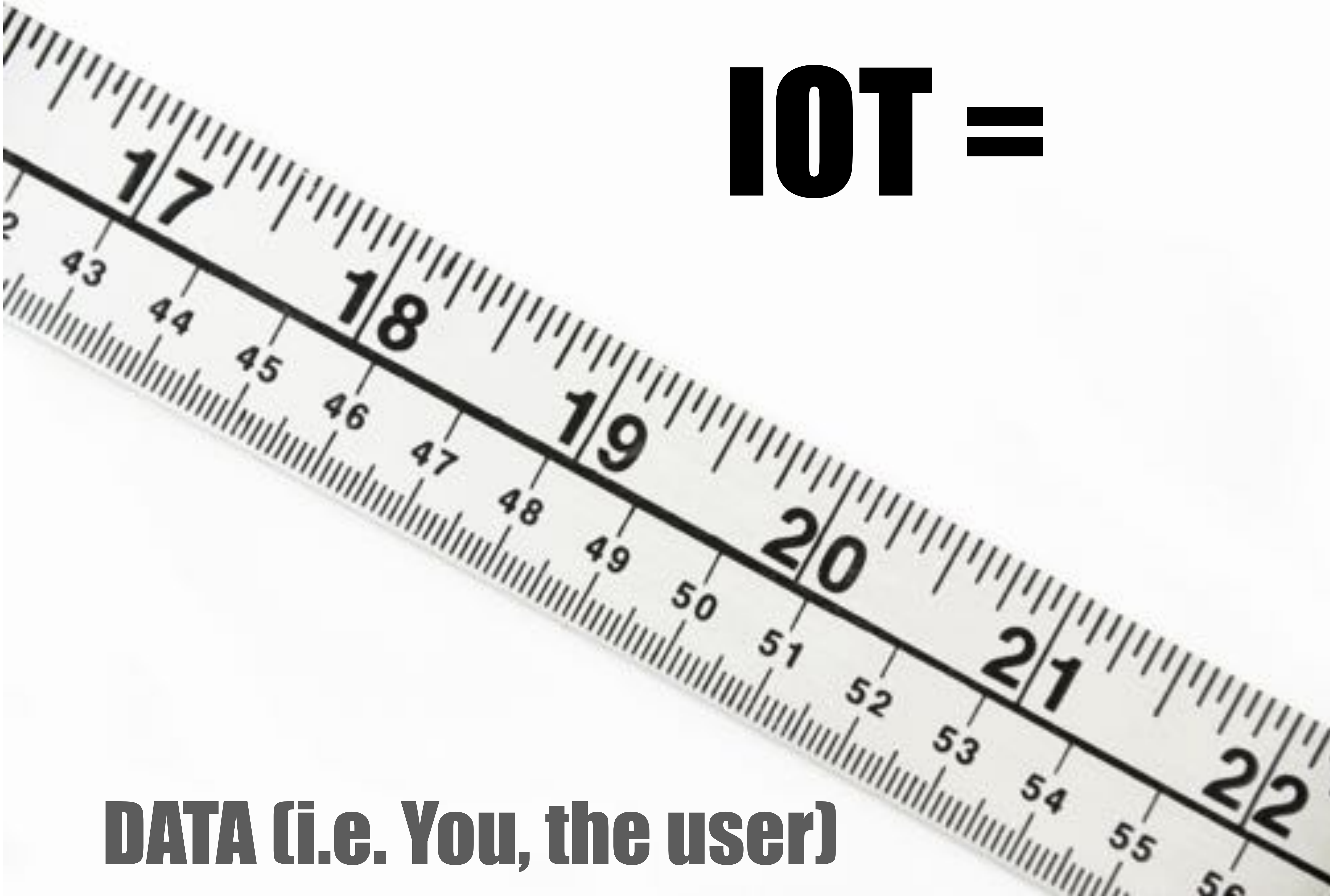
An alarming trend has emerged of smart home and web-connected gadgets being used against women in abusive relationships (Oli Wiley/Getty Images)

Nearly 1,000 domestic abuse victims have contacted a London charity for help this year after their partners exploited "everyday technology" to control and stalk them.

MOST POPULAR

World's longest non-stop flight begins voyage from Singapore to NY

IOT =

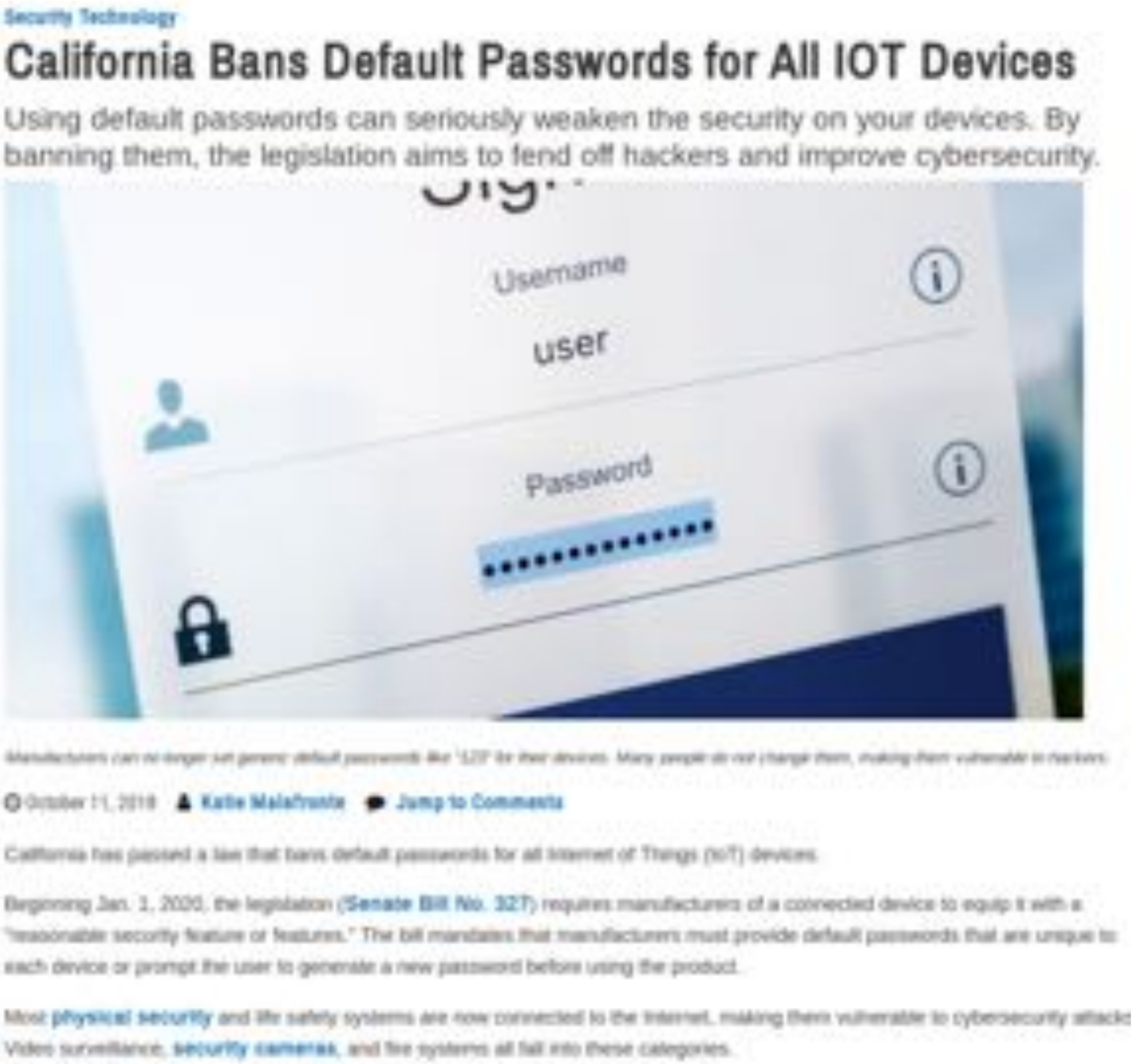


DATA (i.e. You, the user)

Data stored somewhere

Data sometimes leaking

Hope?



Security Technology

California Bans Default Passwords for All IOT Devices

Using default passwords can seriously weaken the security on your devices. By banning them, the legislation aims to fend off hackers and improve cybersecurity.

Manufacturers can no longer set generic default passwords like '123' for their devices. Many people do not change them, making them vulnerable to hackers.

October 11, 2018 Katie Malafronte Jump to Comments

California has passed a law that bans default passwords for all Internet of Things (IoT) devices.

Beginning Jan. 1, 2020, the legislation (Senate Bill No. 327) requires manufacturers of a connected device to equip it with a "reasonable security feature or features." The bill mandates that manufacturers must provide default passwords that are unique to each device or prompt the user to generate a new password before using the product.

Most physical security and life safety systems are now connected to the Internet, making them vulnerable to cybersecurity attacks Video surveillance, security cameras, and fire systems all fall into these categories.

GDPR
In your face

IN CASE OF
CYBERATTACK
BREAK GLASS
AND PULL CABLES

THANK YOU!

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Rotondes (Lux) | 27.11.2018 | 18h30