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Internet of Things: The Emerging Threat Frontier

Office of the
Information &
Privacy Commissioner
for British Columbia

Protecting privacy. Promoting transparency.

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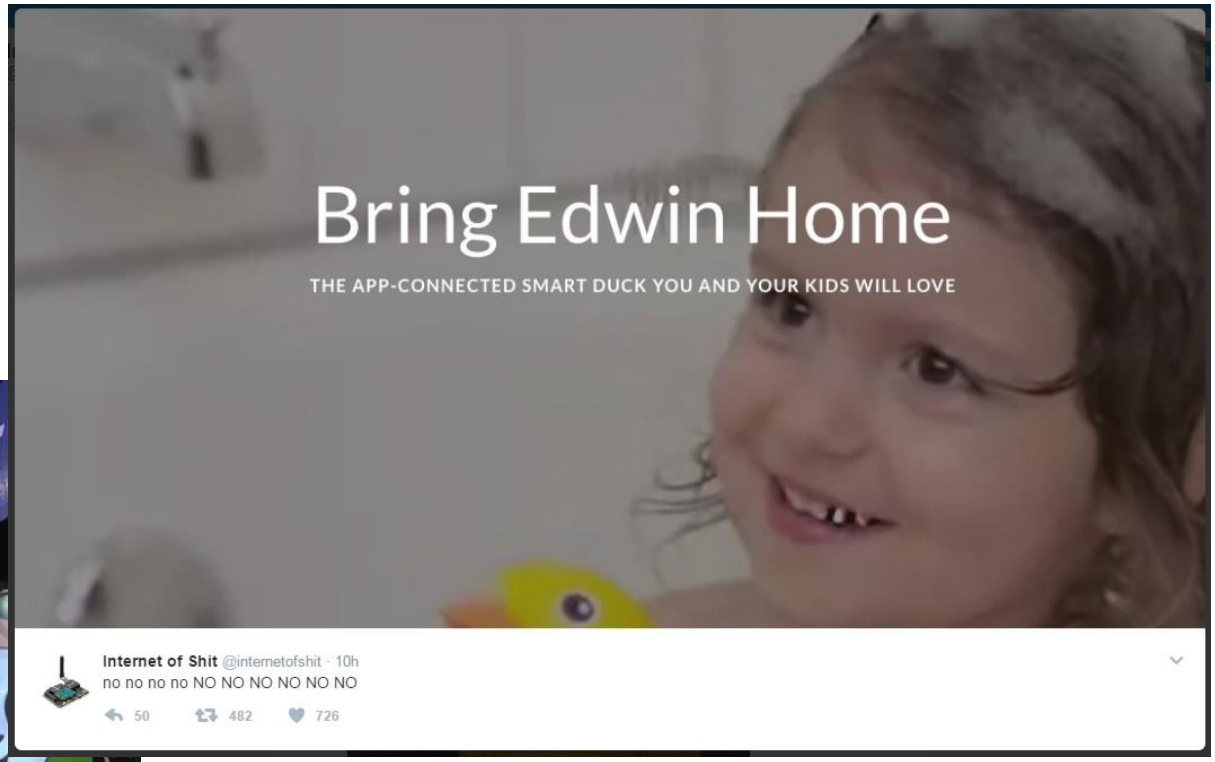
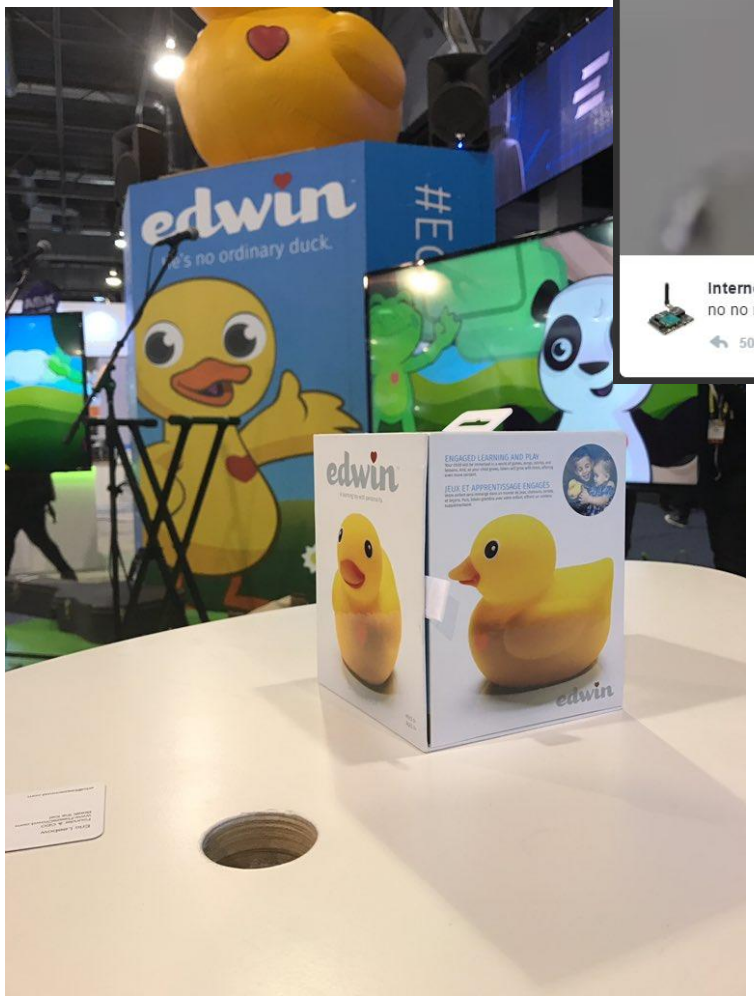
“The Smart Cup for your ACTIVE life”

“personal and dynamic hydration goals”

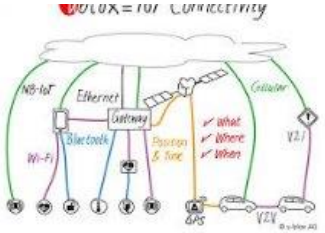
edwin

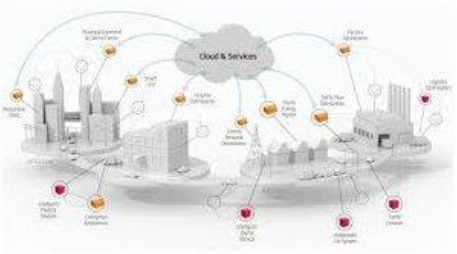


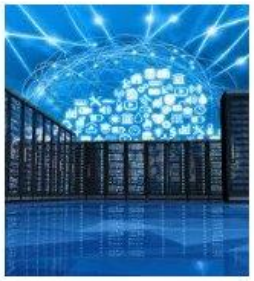


"He's no ordinary duck"

The Internet of Things







English man spends 11 hours trying to make cup of tea with Wi-Fi kettle

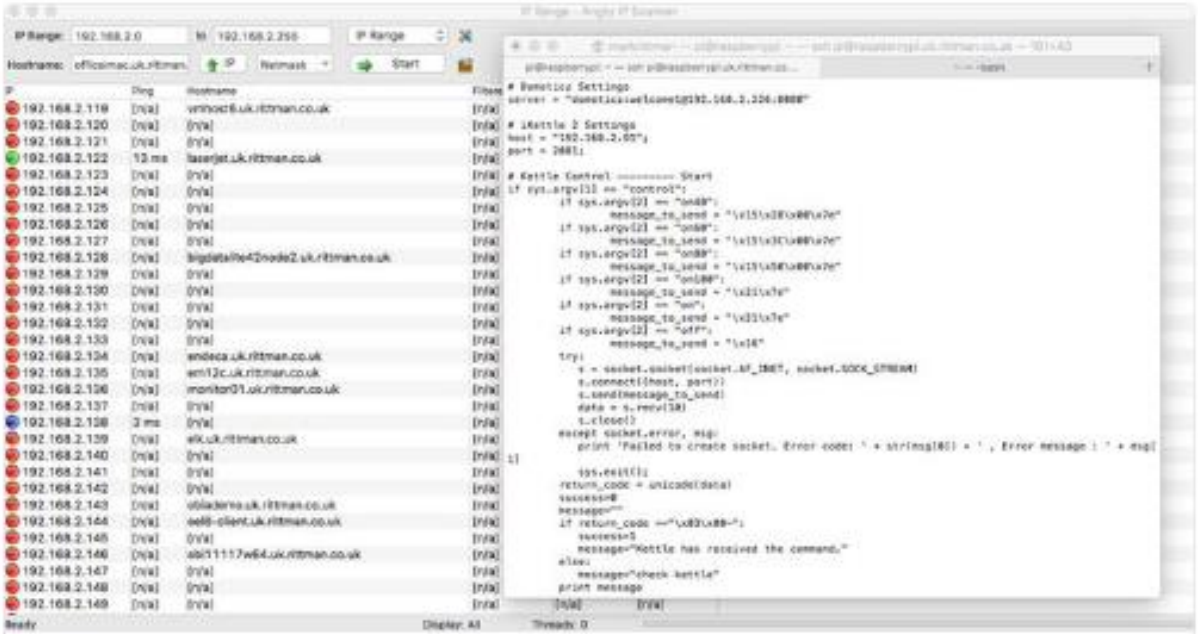
Data specialist Mark Rittman spent an entire day attempting to set up his new appliance so that it would boil on command

Mark Rittman set about trying to make a cup of tea at 9am but night had fallen by the time his new Wi-Fi enabled kettle could complete the task. Photograph: Alamy

All Mark Rittman wanted was a cup of tea. Little did he know he would have to spend 11 hours waiting for his new hi-tech kettle to boil the water.

> **Mark Rittman**
> (@markrittman)
>
> Still haven't had a first cup of tea this morning, debugging the kettle and now iWifi base-station has reset. Boiling water in saucepan now. pic.twitter.com/lC3uNX5WTp

Three hours later the kettle was still having problems. The main issue seemed to be that the base station was not able to communicate with the kettle itself.



Mark Rittman
@markrittman

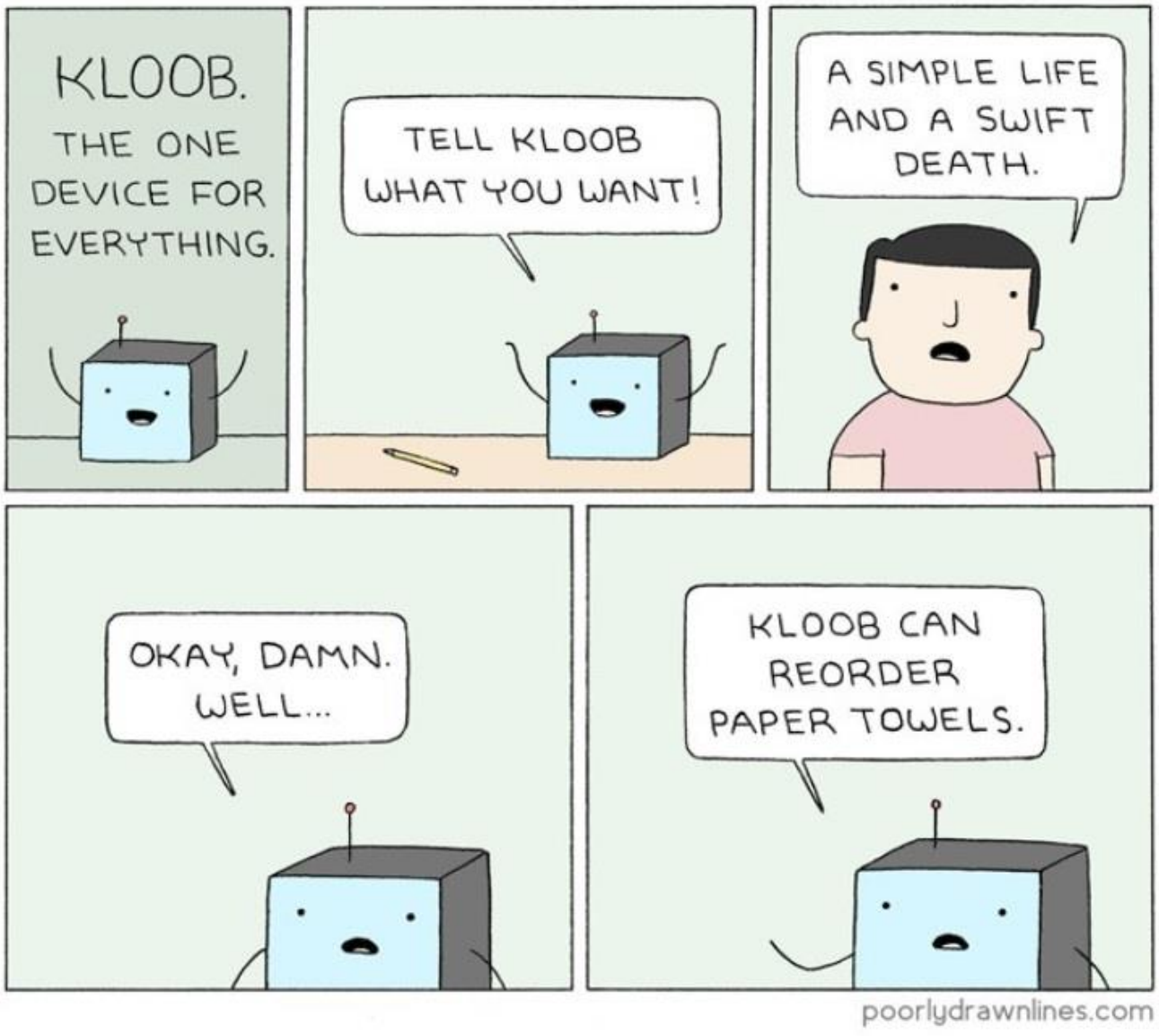
Follow

3 hrs later and still no tea. Mandatory recalibration caused wifi base-station reset, now port-scanning network to find where kettle is now.

1:46 AM - 11 Oct 2016 · Hove, England

286 477

News of Rittman's plight quickly spread on Twitter, further slowing his progress.



Internet of Shit @internetofshit · Jan 9

16 2.3K 3.7K •••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TIM MOYNIHAN GEAR 02.06.17 12:44 PM

HOW TO KEEP AMAZON ECHO AND GOOGLE HOME FROM RESPONDING TO YOUR TV

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Shodan webcam search engine raises privacy concerns for Internet of Things

Many webcams and connected wearables, TVs and thermostats ship with a low level of security

The Canadian Press Posted: Jan 27, 2016 12:46 PM ET | Last Updated: Jan 28, 2016 9:57 AM ET

Shodan, a search engine that indexes computers and devices rather than information, now allows users to pull screenshots from nanny cams, security cameras and other connected devices around the world that don't ask for a username or password. (Canadian Press)