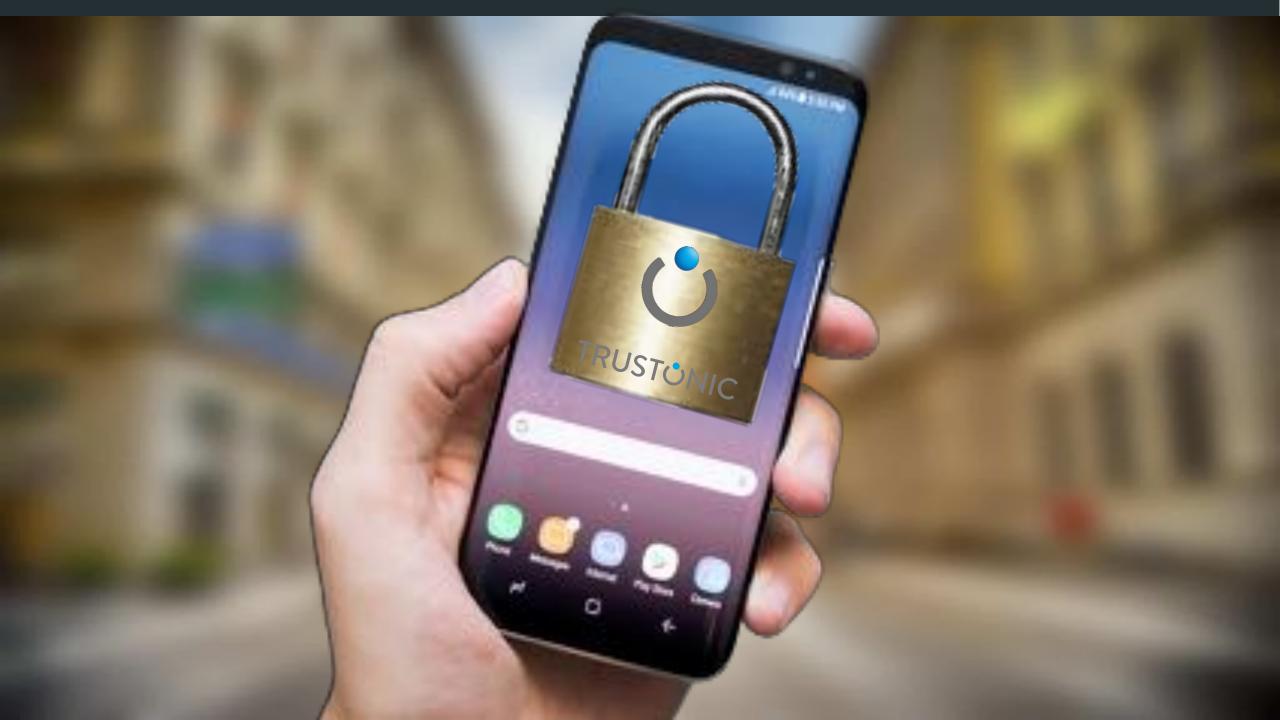


Whoteless of the second VOU COS



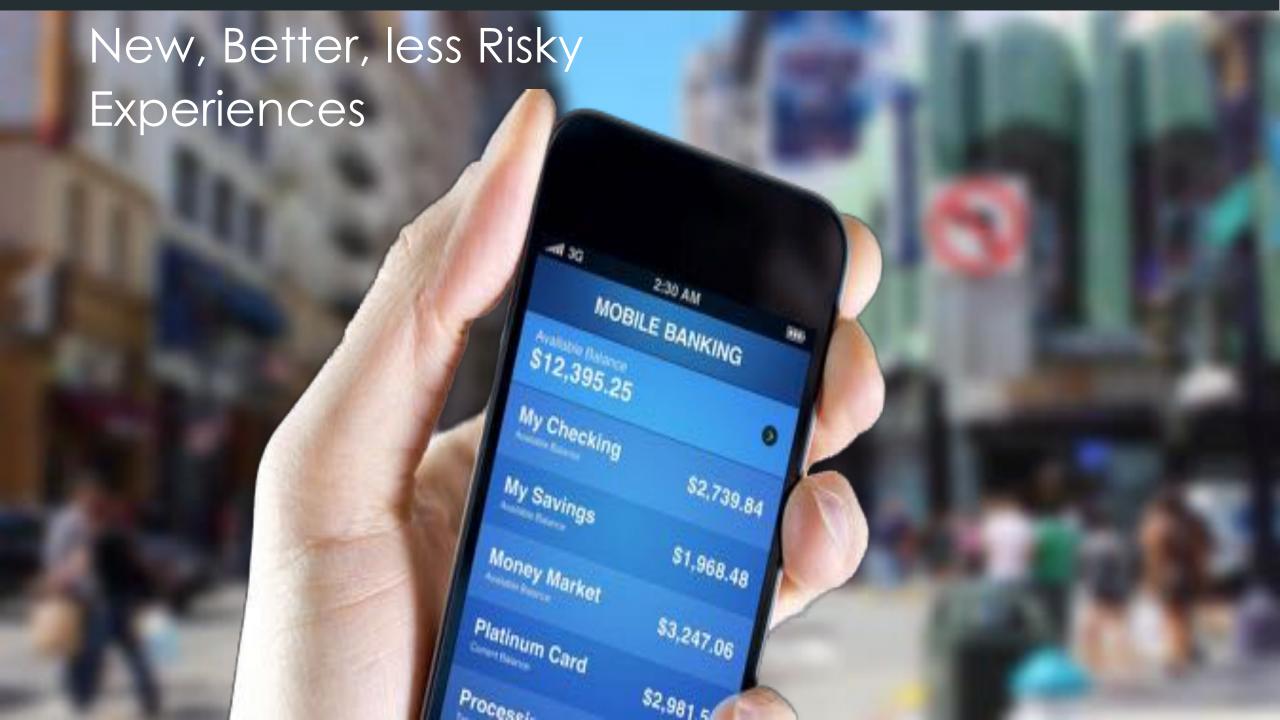
Two views of security

To keep you out

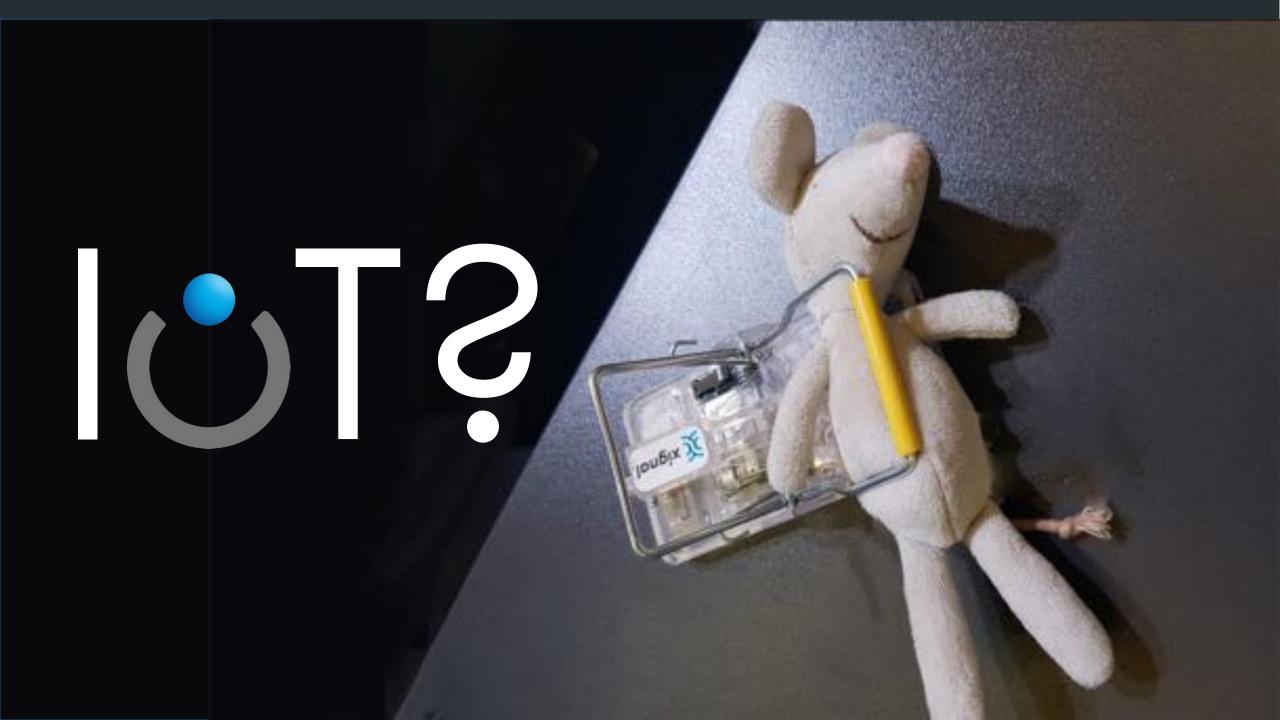


To let you in









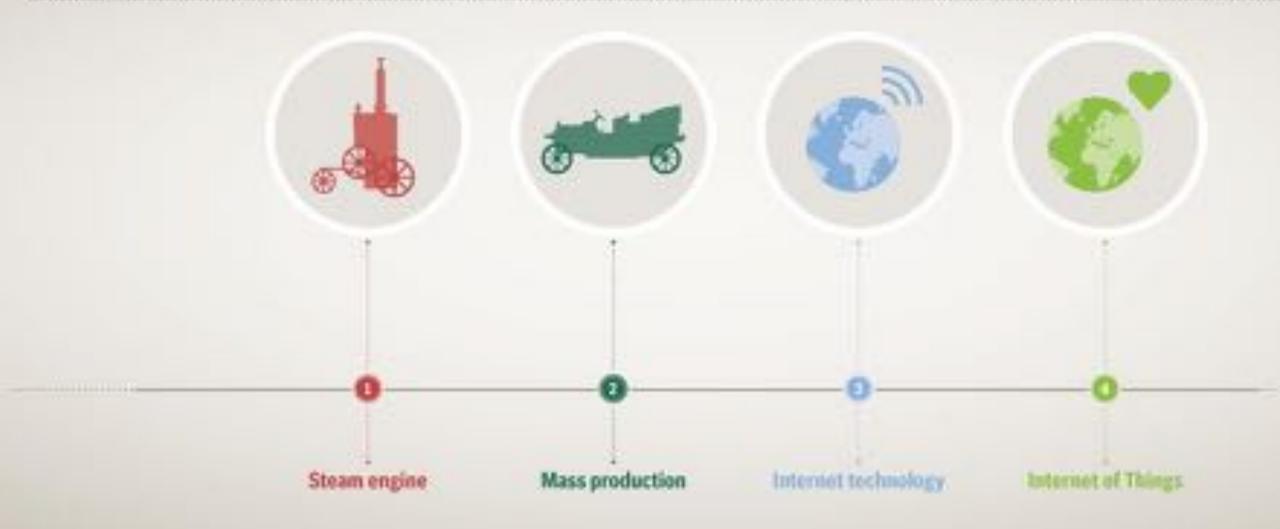
IOT is

Really Big.

You just won't believe how vastly, hugely, Mind-bogglingly big it is.

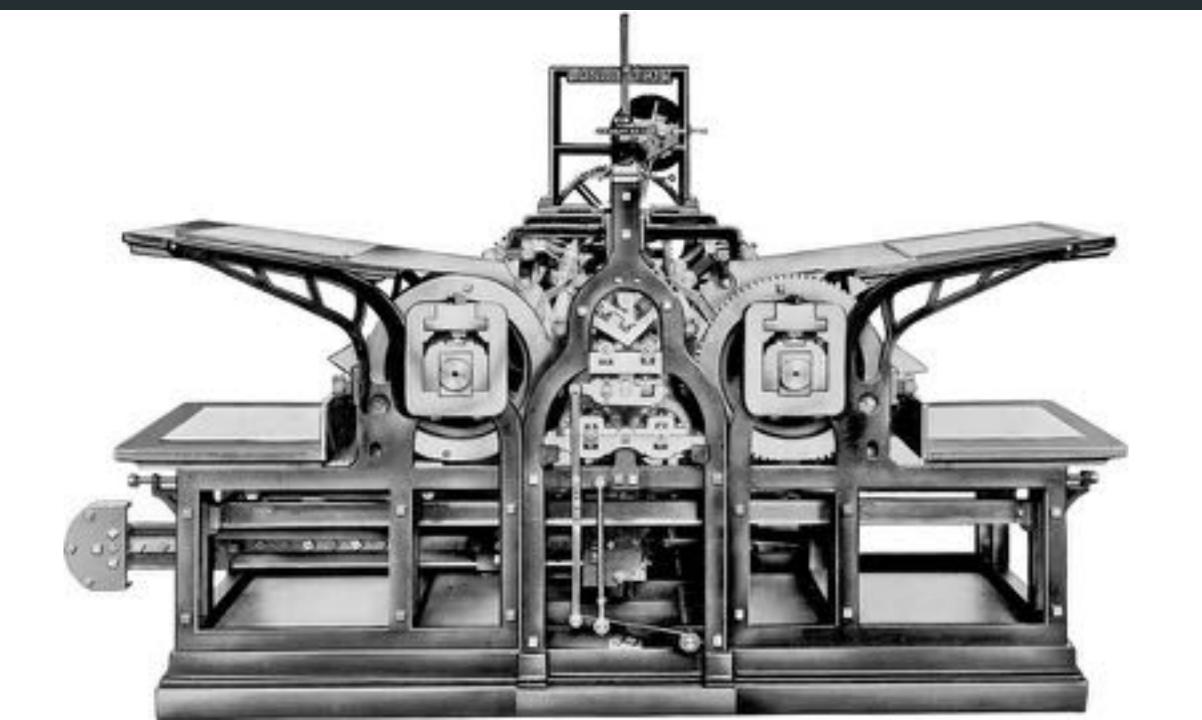
I mean, you may think it is a long way down the road to the chemist, but that's peanuts to IOT!

FOURTH INDUSTRIAL REVOLUTION









Thedler 7th There on a many night of hovember that cochell in man umplitted and with an anxiet that almost amount ed to agony I willed the yet ment of his sparch of being into the Speles think that las at my feet It was about one in the overning, the rain follows bromally against the bombow James & my court property burnt outs even to the stimmer of the halfextinguis is light I one the bull gellow exe of the oceative ofen It breather have and a convulsive. when you take ito lembo. But hoss Howarn Haronde my emotion at this calabirate or now hale reate the witch whom with o not in fruit pains and are I had endanting to form - His lambs were in Asoportion hunty and Band octoffely his features to an of a lestone Hack feeting and her lett of a fleverly the lemmer of the half extraguelyde and but there have been ward and a feeting and a feeting and a feeting of the half extraguelyde on the fact that there is a sure of the half extraguelyde of the formal of the half extraguelyde on the fact that there is not a sure of the half extraguelyde on the formal of the half extraguelyde on the formal of the room. getter our den owell went the work of fromit a more home contract with what out of the rooms he water yes that seemed almost of the came colour so the him white of by II Geldern and R. Honeley, 1931 white in which the sure all-









Kinibi & Kinibi-M for IoT



Full TEE-OS for A Class

Processors

Global Platform APIs

Flexible cryptography

Secure code separation...



Modular software for M Class

Processors

Global Platform inspired APIs

Flexible cryptography

Secure code separation...













Enabling device trust

Devices must be...

Legitimate – to avoid fraudulent clients and fake components and devices

Identifiable – linked to an account or purpose during operational lifetime.

Protected – Combating new threats and exploits require secure in-field automatic update





Digital Holograms



These are a new technology to allow anyone in the manufacturing chain to securely and irreversibly attest to a stage of manufacture

Can also be used in field

- Assignment to company/user
- Maintenance
- End of Life
- Etc.







Wikipedia

The Free Encyclopedia

English

5 501 000+ articles

Español

1 361 000+ articulos

日本語

1 081 000+ 起車

Русский

1 430 000+ статей

Italiano

1 393 000+ voci



Deutsch

2 115 000+ Artikel

Français

1 923 000+ articles

中文

971 000+ 條目

Português

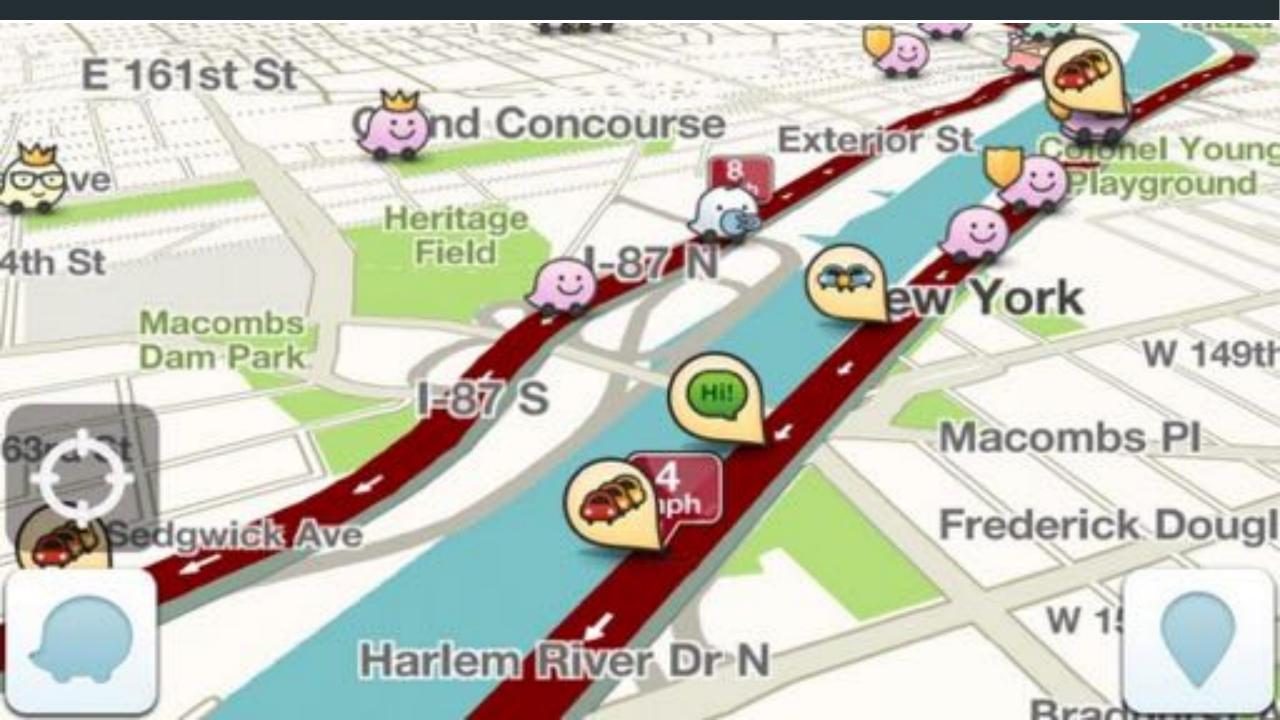
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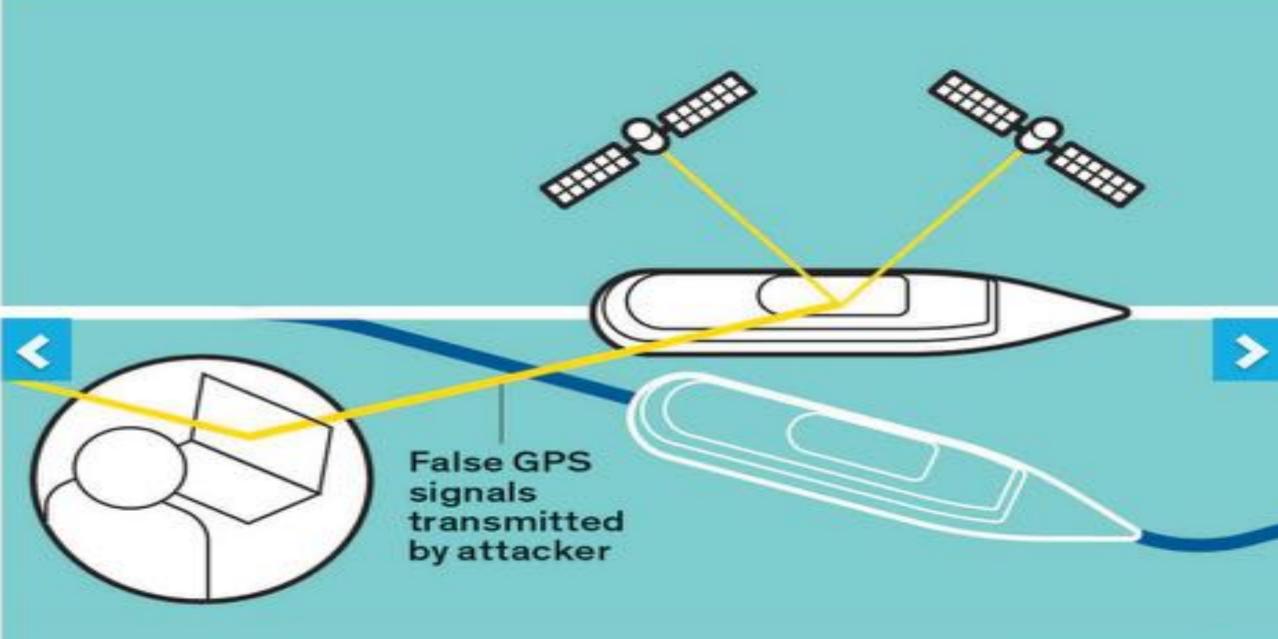
Polski

1 247 000+ hasel









IEEE Spectrum

= regulations or rules of strategy practices & security governance







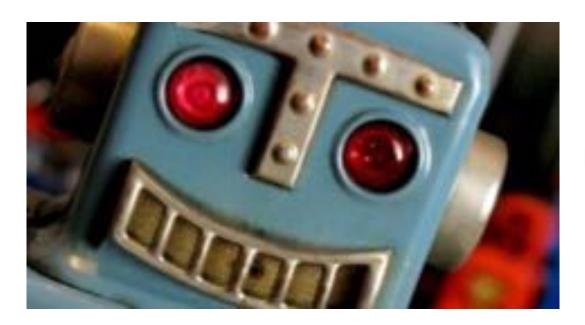








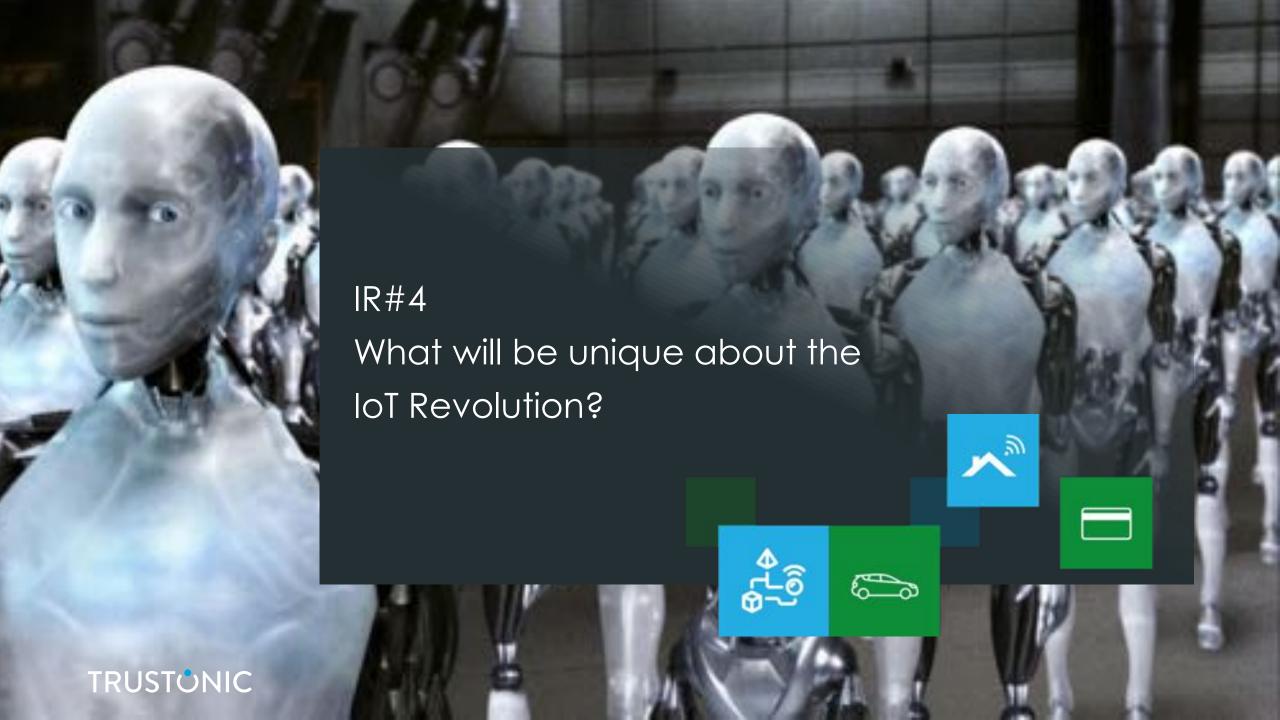
Establishing a framework for Trust



"Trust me I'm a Robot" & "A Matter of Policy"

https://www.trustonic.com/news/category/blog/



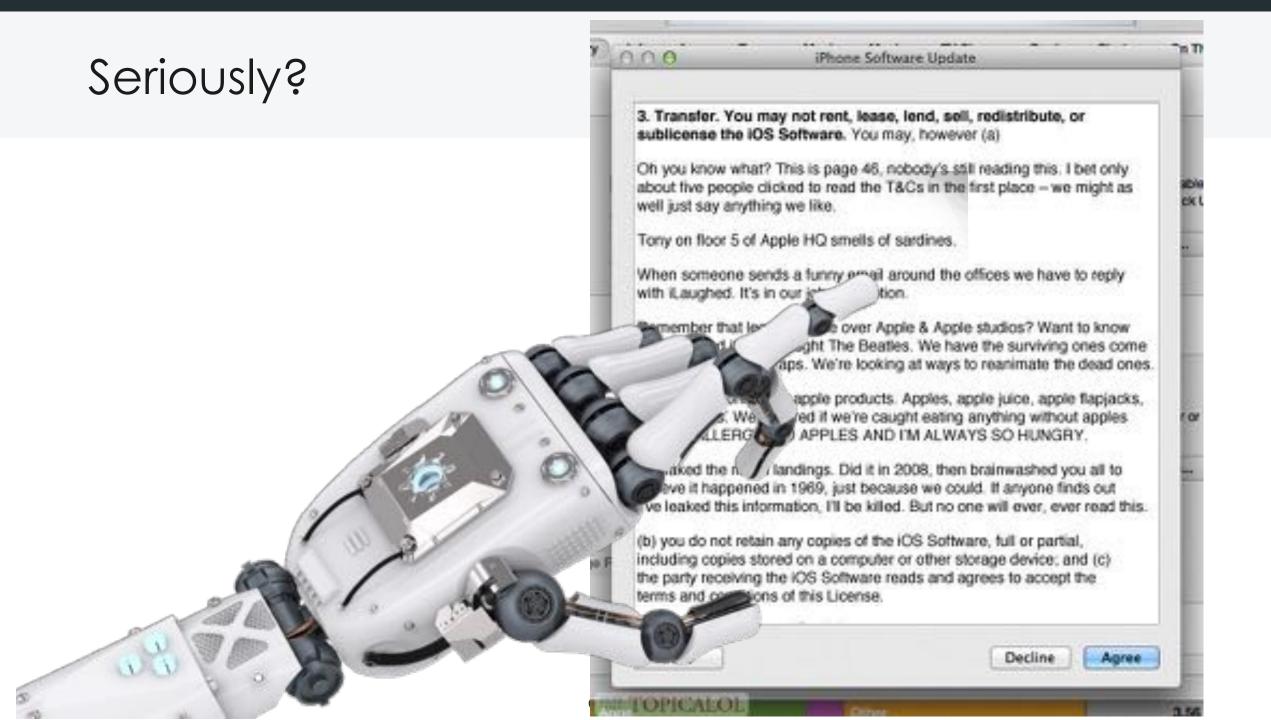




Not necessarily full blown robots...

But devices doing things that used to be preserve of humans





Really Smart Meter

 Control my electricity usage

 Buy (or sell) electricity on the open market



Who might be behind a hack...

"End User"?

Get free electricity.

"Terrorists"?

Overload grid? Burn down house? ...

"Criminals"

Manipulate energy market

"Power Companies"

Use more power – work for supplier not consumer...

"Insurance Companies"

Spy on homeowners to determine risk

"Governments"

Enforce policies / "lifestyles". Overreach...

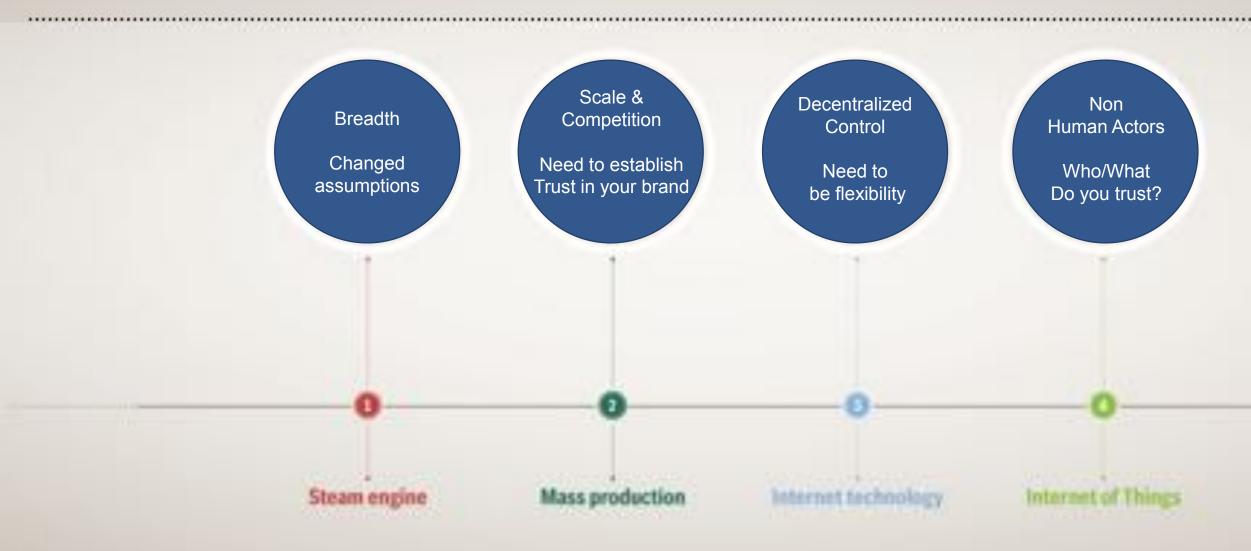




One penny on each transaction...



WHAT CAN WE LEARN?





Thank you

Richard Hayton CTO

