Think. Connect What Matters, the *Right Way*

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#IoT

- Apocalypse Now
- Connections matter
- A Way Forward

Internet of [redacted]
@internetofshit

Following

end the frustration of keys forever,
enjoy the frustration of bluetooth devices instead

Noke: Bluetooth padlock

End the frustration of losing keys and forgetting combinations forever. Noke is the world's first bluetooth padlock you can share.

RETWEETS 276 LIKES 441

5:36 PM - 4 Nov 2016

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Technology

Global internet slows after 'biggest attack in history'

By Dave Lee
Technology reporter, BBC News

27 March 2013 | Technology | Share

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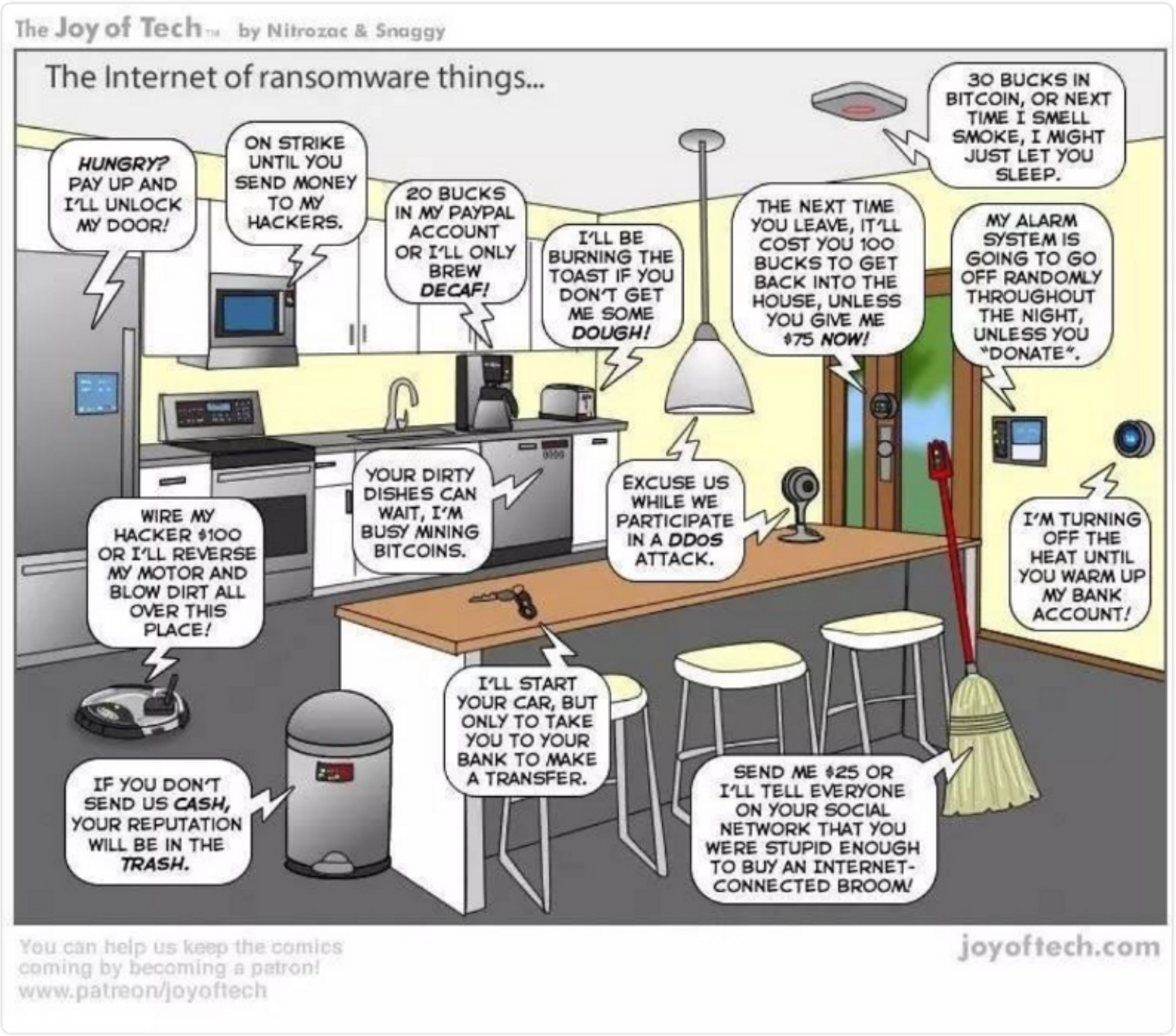
2016: Attack of the Toasters

- Krebs on Security (665 Gbps)
- Dyn's DNS attack (>1 Tbps)


The Joy of Tech™ by Nitrozac & Snaggy
The Internet of ransomware things...
HUNGRY? PAY UP AND I'LL UNLOCK MY DOOR!
ON STRIKE UNTIL YOU SEND MONEY TO MY HACKERS.
20 BUCKS IN MY PAYPAL ACCOUNT OR I'LL ONLY BREW DECAF!
I'LL BE BURNING THE TOAST IF YOU DON'T GET ME SOME DOUGH!
30 BUCKS IN BITCOIN, OR NEXT TIME I SMELL SMOKE, I MIGHT JUST LET YOU SLEEP.
THE NEXT TIME YOU LEAVE, IT'LL COST YOU 100 BUCKS TO GET BACK INTO THE HOUSE, UNLESS YOU GIVE ME $75 NOW!
MY ALARM SYSTEM IS GOING TO GO OFF RANDOMLY THROUGHOUT THE NIGHT, UNLESS YOU "DONATE".
YOUR DIRTY DISHES CAN WAIT, I'M BUSY MINING BITCOINS.
EXCUSE US WHILE WE PARTICIPATE IN A DDOS ATTACK.
I'M TURNING OFF THE HEAT UNTIL YOU WARM UP MY BANK ACCOUNT!
WIRE MY HACKER $100 OR I'LL REVERSE MY MOTOR AND BLOW DIRT ALL OVER THIS PLACE!
I'LL START YOUR CAR, BUT ONLY TO TAKE YOU TO YOUR BANK TO MAKE A TRANSFER.
IF YOU DON'T SEND US CASH, YOUR REPUTATION WILL BE IN THE TRASH.
SEND ME $25 OR I'LL TELL EVERYONE ON YOUR SOCIAL NETWORK THAT YOU WERE STUPID ENOUGH TO BUY AN INTERNET-CONNECTED BROOM!
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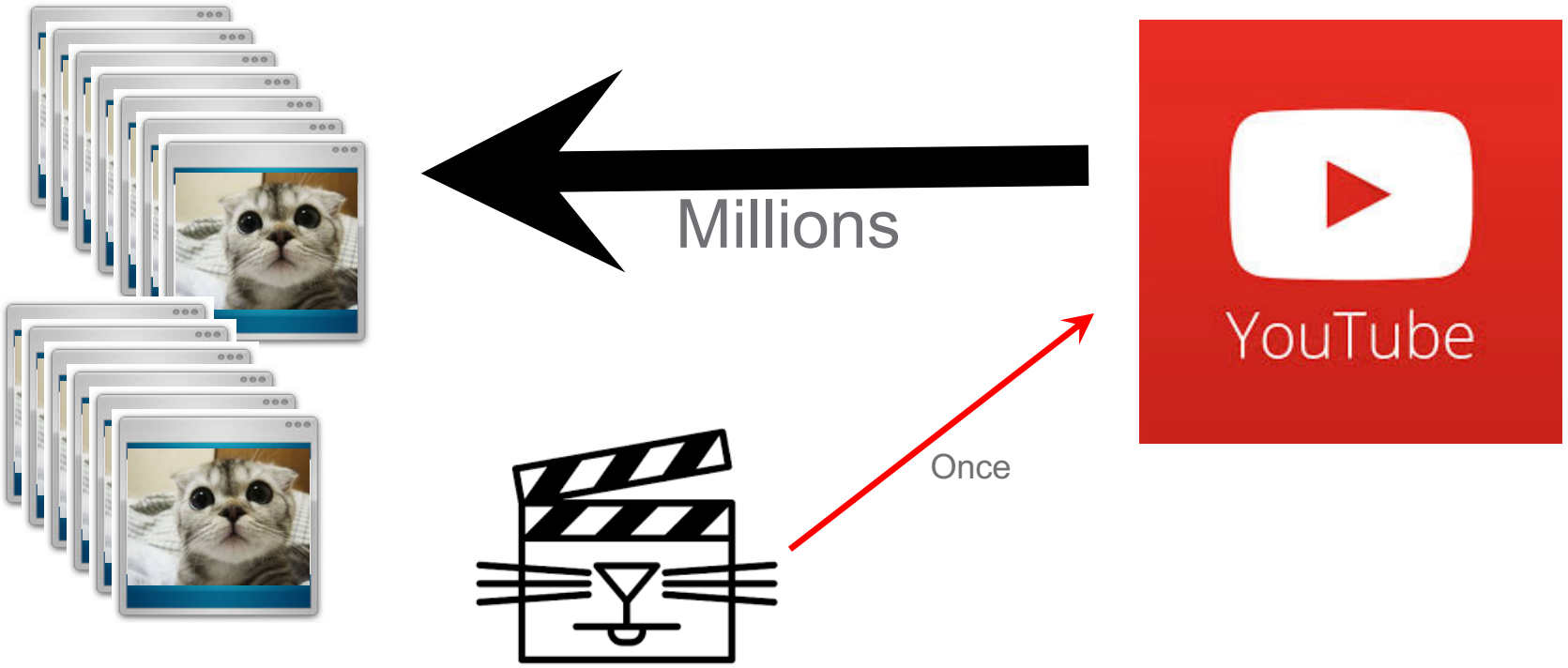
Reversing The Data Direction

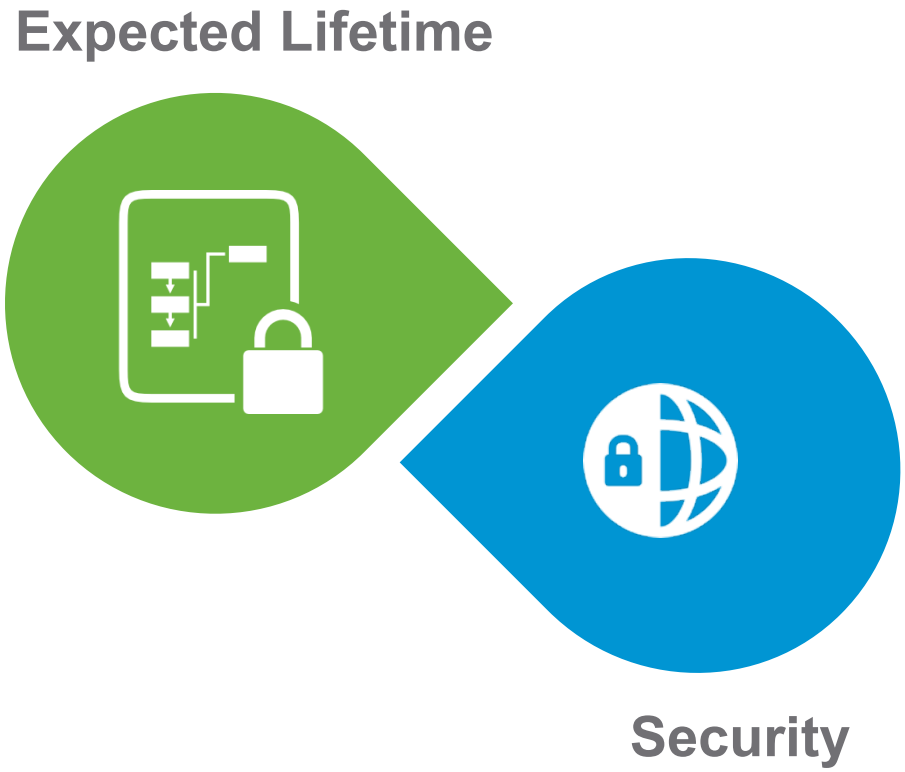


Reversing The Data Direction, IoT

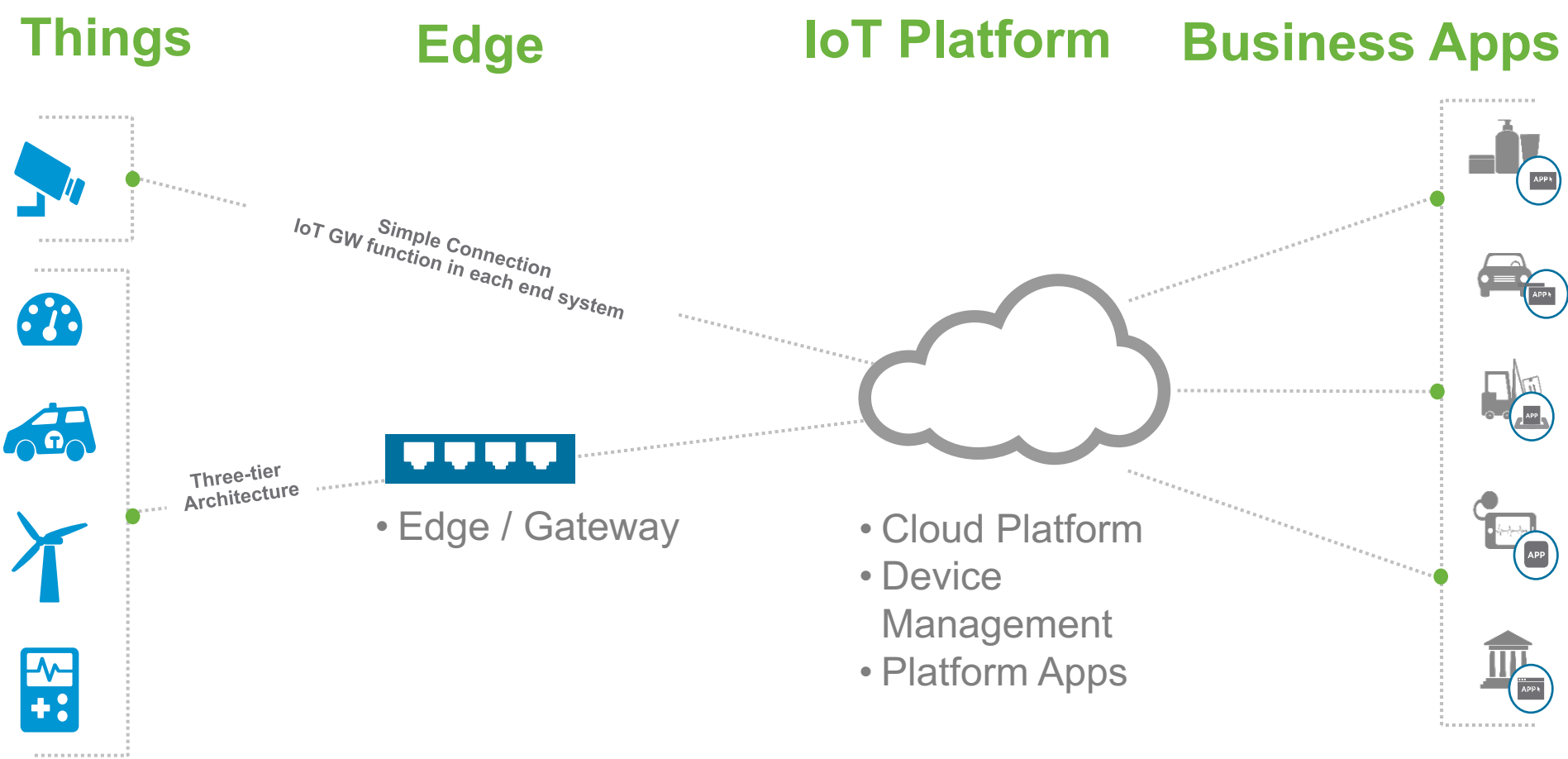
1 PB / Day: Raw IoT Data

Alerts,
Notifications,
Control

IoT Gateways as a De-coupling Point



IoT Gateways: De-Couple Embedded & Web



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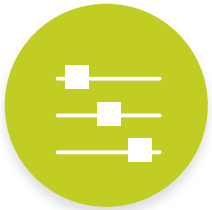
IoT Infrastructure Management

Assertion : A complete IoT infrastructure management tool must support the following:

Telemetry



Control

Alerts

Configuration update

Application Lifecycle Management

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Thank you!

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