

DIGITAL PRIVACY BOOTCAMP

..Because your data deserves better!

AGENDA

9:00 – 10:30 ___ How Does BigTech Manipulate and Monetize Me?

10:30 – 10:45 ___ Break

10:45 – 12:45 ___ Open Source in Action (Phone + Laptop Demo)

12:45 – 2:00 ___ Closing Remarks + Open Q&A

"Saying your digital privacy does not matter because you have nothing to hide is like saying your freedom of speech does not matter because you have nothing to say."

I WANT YOU

**TO STOP PRETENDING YOUR
GOOGLE AND APPLE DEVICES
AREN'T PART OF THE PROBLEM**

YOU WILL LEARN

- How, specifically, BigTech Monetizes and Spies on you
- The difference between "Closed Source" and "Open Source"
- The difference between "Centralized" and "Decentralized"
- How to use an open source mobile device and applications
- How to use an open source laptop and applications
- What other technologies exist that we could use for local/regional decentralized communications
- Various degrees of digital security (How secure do you **NEED** to be?)

PRESENTER

Sean Patrick Tario

- Entrepreneur, Author, Investor and Technology Trainer
- Data Center, Hosting and Cloud Services Industry Specialist
- CEO, Open Spectrum Inc. and Co-Founder of [MARK37.COM](https://www.mark37.com)

HOW
BIGTECH
USES YOU
TO MAKE
\$\$\$\$\$\$\$\$

A brick wall covered in security cameras, with two women walking at the bottom. The wall is covered in a grid of black and silver security cameras. Two women are walking at the bottom of the frame, one looking up at the cameras. A white semi-transparent box is overlaid on the wall, containing text.

BigTech CONTROLS

TRACKS

SILENCES

ENSLAVES

MONETIZES

DISTRACTS

INFLUENCES us.



Free is Not Free.

The **PRODUCT** is **YOU**.



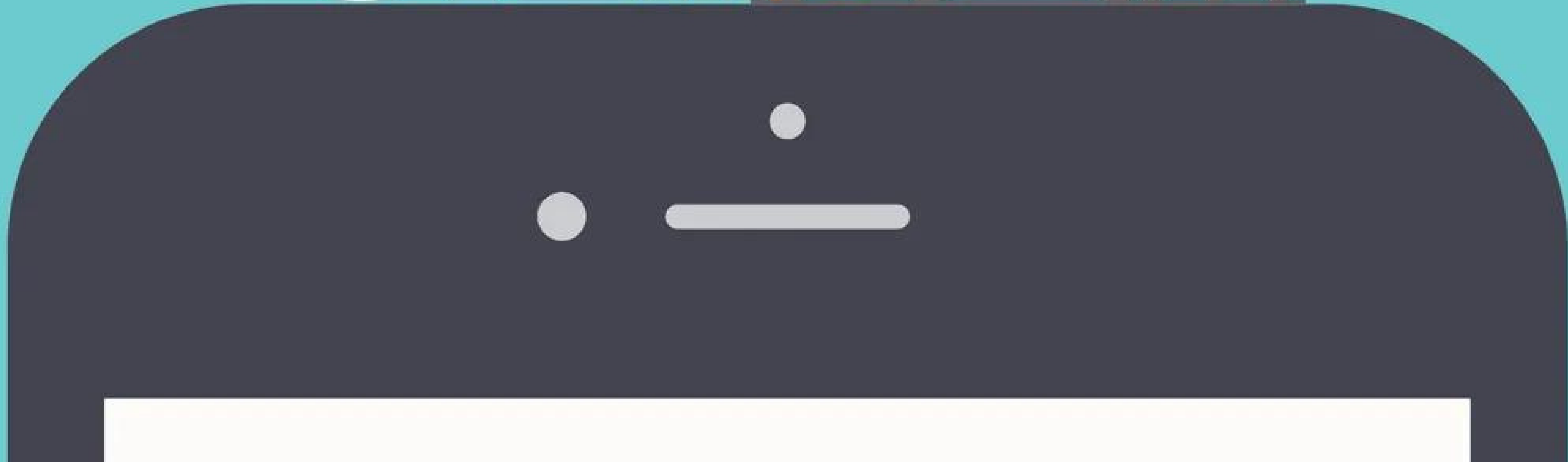


Stockholm Syndrome

A condition where hostages develop a psychological bond with their captors due to power imbalances in hostage-taking, kidnapping, and abusive relationships

DATA IS THE NEW OIL

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HOW THEY MAKE MONEY

\$ from buying devices

\$ from % of all sales through app stores

\$ from cloud storage subscription

\$ from advertising

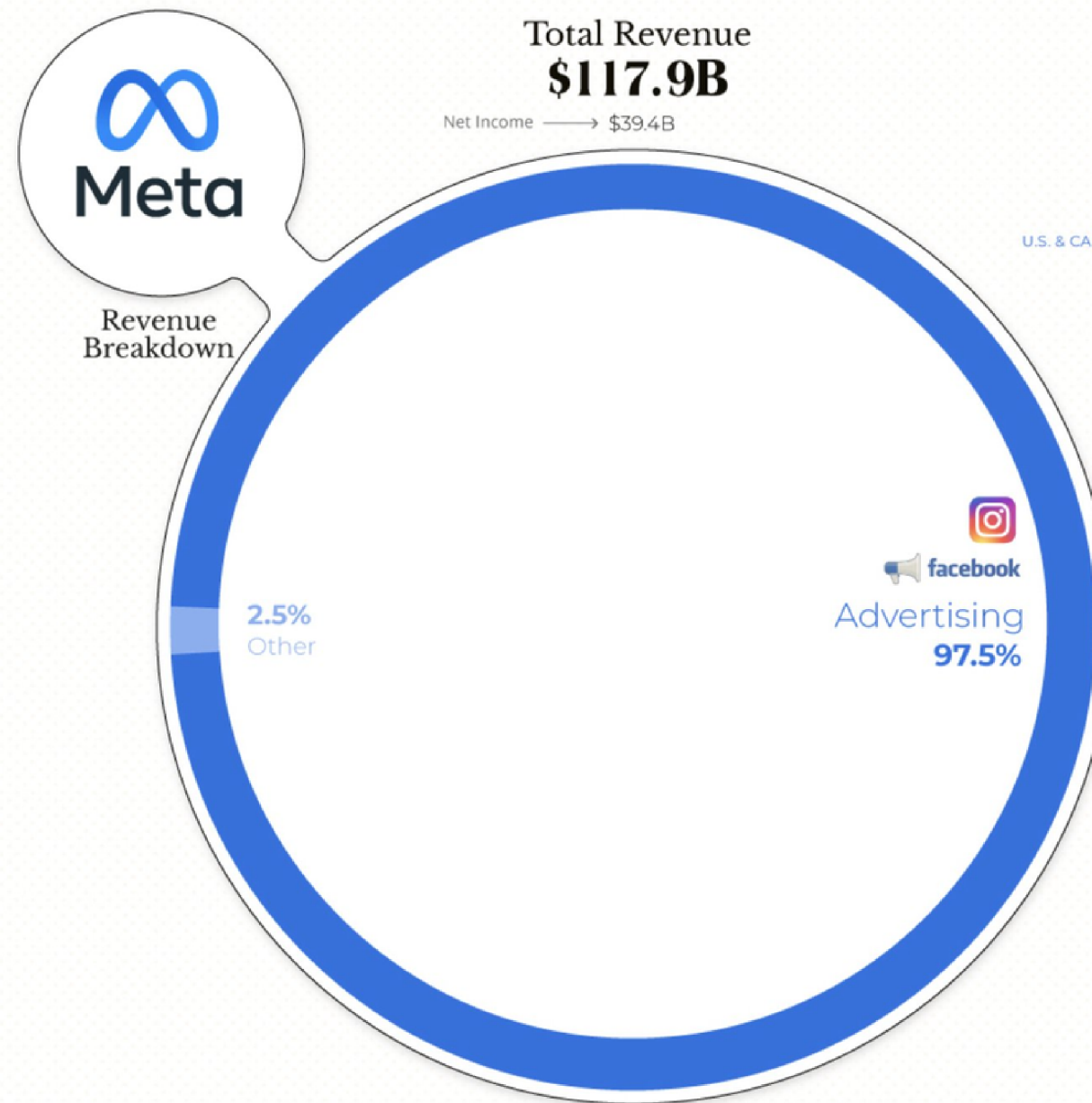
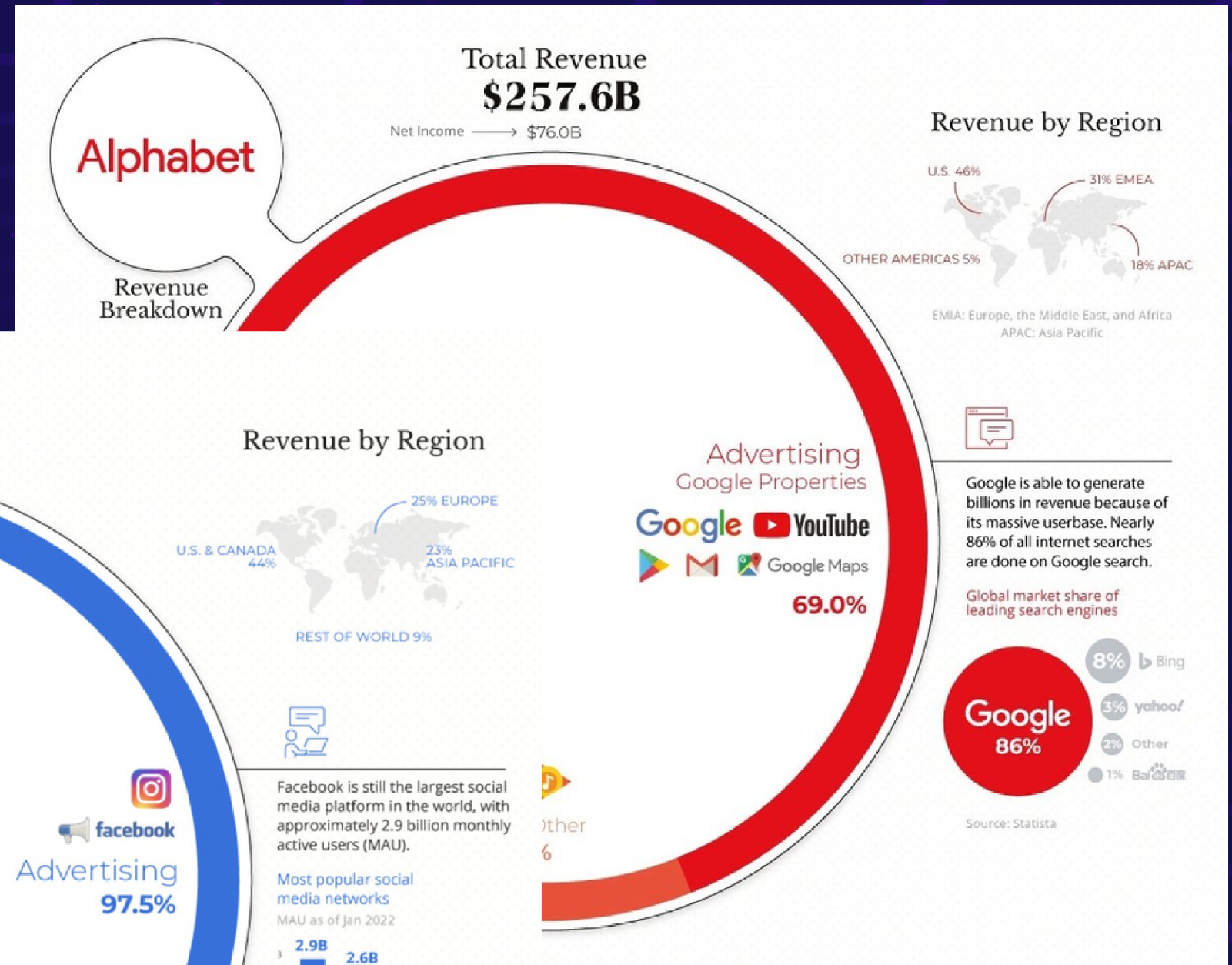
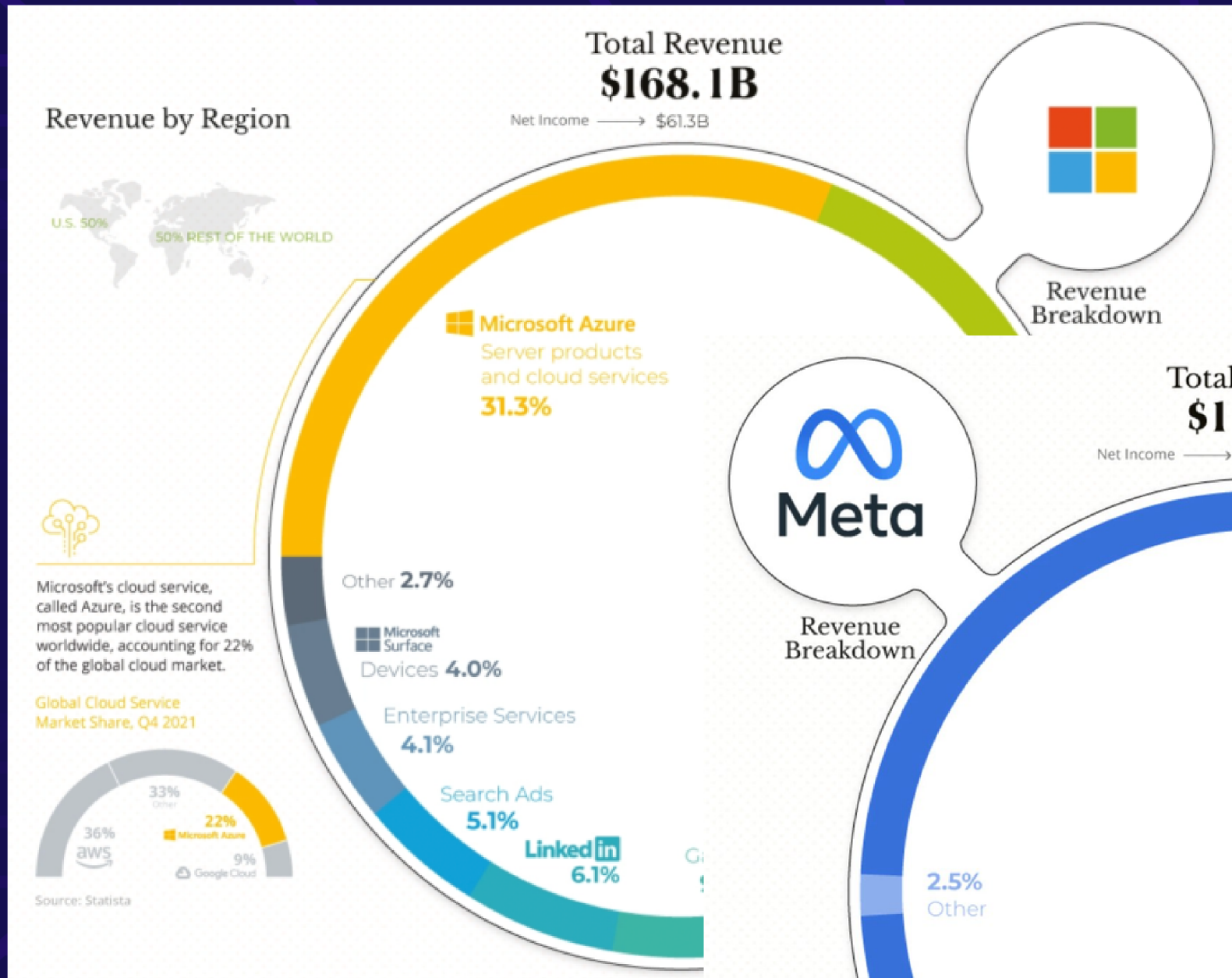
\$ from selling your data to the government

\$ from selling your data to 3rd parties

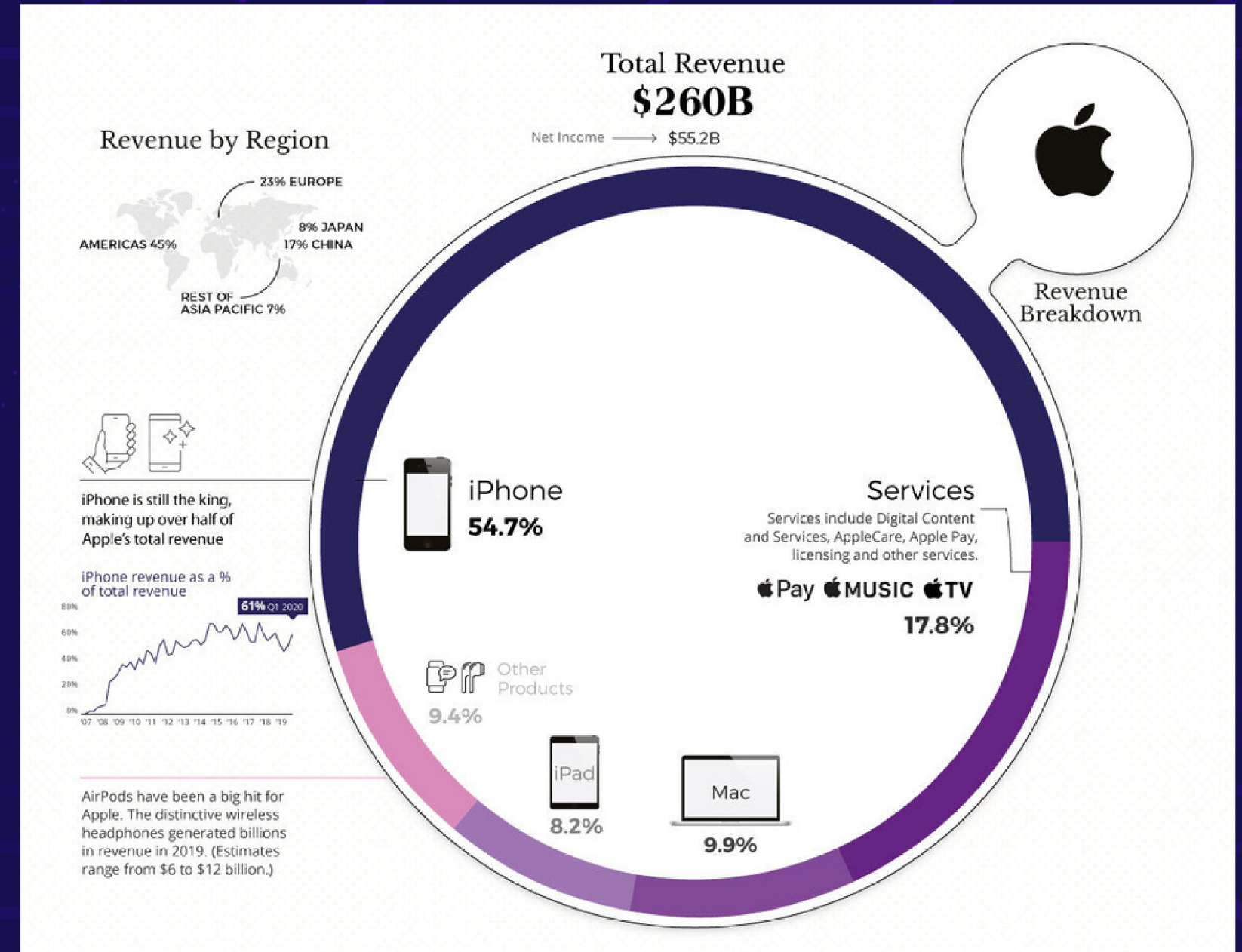
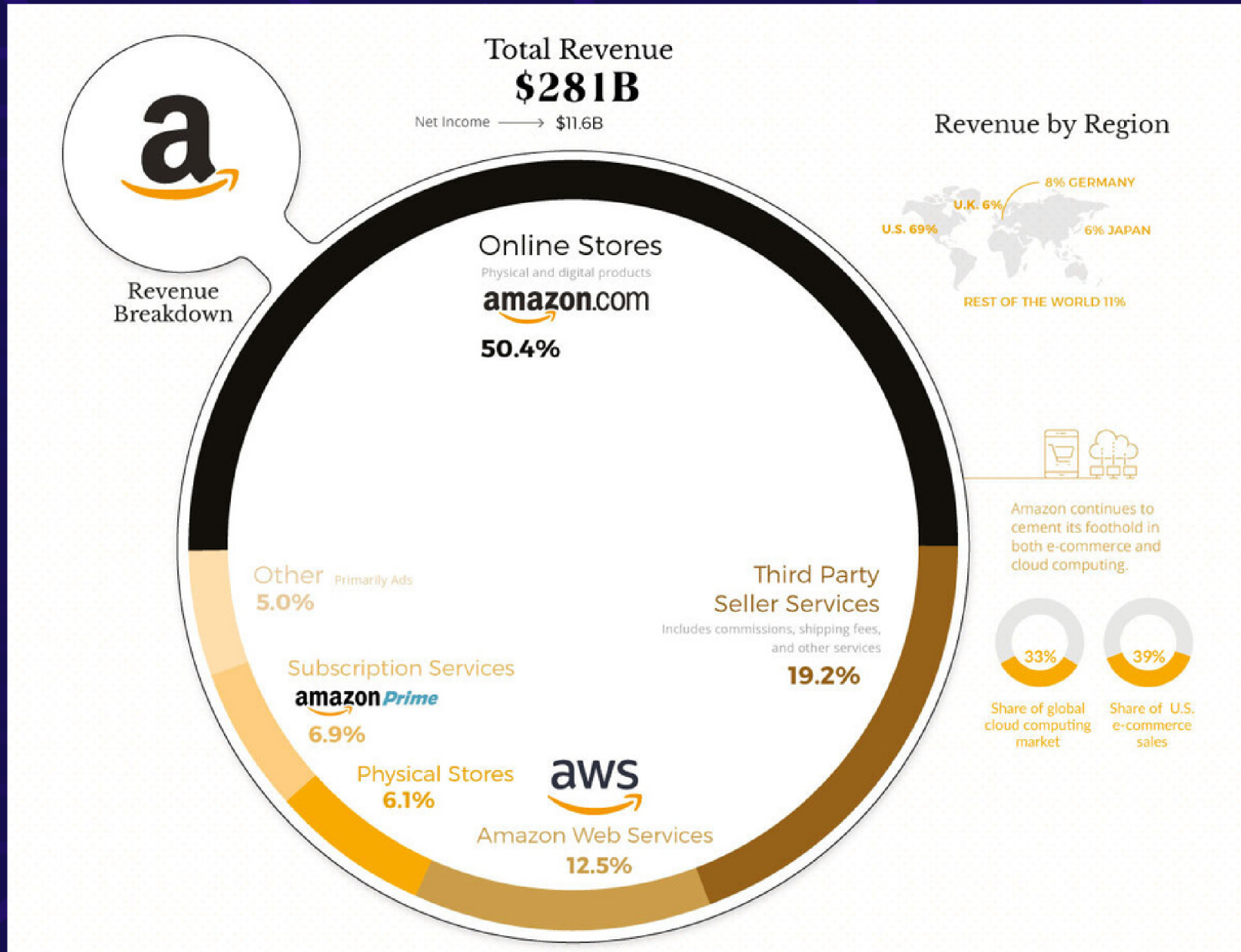
\$ from hosting your websites

\$ from productivity software

BIG TECH REVENUE



BIG TECH REVENUE



BIG TECH REVENUE





























These 5 companies combined:

- Make over \$1 Trillion annually
- Spend over \$15M annually lobbying congress
- 80+% of employees voted Democrat
- Employees donated over \$15M in 2020 election to Democrat party (does not include PAC donations which historically has exceeded this amount)
- Spend nearly \$1B globally w/ institutions and causes that advocate for globalization, centralization, censorship and limited personal sovereignty
- Both openly and secretly ("national security reasons") share information w/ the US Government and various other Governments around the world



THE DATA BIG TECH COMPANIES HAVE ON YOU

THE TYPES OF DATA MAJOR TECH COMPANIES ADMIT TO COLLECTING
IN THEIR PRIVACY POLICIES

	Google	Facebook	Apple	Twitter	Amazon	Microsoft
Name 				×		
Gender 			×	×	×	
Birthday 			×	×	×	
Phone Number 						
Email Address 						

Category	Google	Facebook	Apple	Twitter	Amazon	Microsoft
Location						
Relationship Status	×		×	×	×	×
Work			×	×	×	×
Income Level	×		×	×	×	×
Education			×	×	×	×
Race/Ethnicity	“		×	×	×	×
Religious Views	”		×	×	×	×
Physical Address	“We don't show you personalized ads based on sensitive categories, such as race, religion, sexual orientation, or health.”			×	×	
Facial Recognition Data	×		×	×	×	
Delivery History	×		×	×	×	×

Only your time zone

“We don't show you personalized ads based on sensitive categories, such as race, religion, sexual orientation, or health.”

Political Views		×		×	×	×	×
Credit Cards		×		×			
Government IDs (Such as Social Security and Driver's License Numbers)		×	×	×	×		×
IP Addresses							
Your Emails			×	×	×	×	
Your Contacts				×		×	
Your Phone Calls		×	×	×	×	×	
Your Chat Conversations/ Messages		×		×			
Calendar Events				×	×	×	

If you've made purchases on Facebook

Only the IP address used to open the Apple ID account

Including followers, following, friend requests, pending friend requests, removed friends, friends, the friends labeled as family members, and groups

After you've given Twitter permission

Only the meta data on when the phone calls were made

Only the meta data on when the text messages (in iMessage) were made

Including both what you've joined AND what you've been invited to

Search History				×	×		
Videos Watched			×	×	Including live broadcasts		
Websites Visited			×	×	×		
Browser Information				×	×		
Video Uploads				×	×	Including a personal photograph in your profile	
Photo Uploads				Including photo metadata			
Status Updates/Posts				×			×
Likes		×		×		Including discussion boards, community features, and reviews	
Your Documents			×	×	×	Including documents you store in the cloud	
Your Purchase				×	×	×	

Only Apple device purchases and maintenance

Your Purchase History		×	×		×		
Your Games		×	Only meta information on gaming sessions with Game Center			×	
Your Books		×	×		×	×	
Your Music		×	Including iTunes downloads as well as iTunes Match uploads and downloads			×	
Your Fitness/Health Data		×	×	×	×	HealthVault data such as heart rate and daily steps taken	
Ads You Click				×	×		
What you've hidden from newsfeed		×		×	×	×	×
The Devices You Use							
Information About the Things Near Your Device (WiFi, Bluetooth, Etc.)			×	Only Apple device purchases and maintenance		×	
Voice Data		×	×	×	×		

		Google	Facebook	Apple	Twitter	Amazon	YouTube
Your Fitness/Health Data		×	×	×	×	HealthVault data such as heart rate and daily steps taken	
Ads You Click				×	×		
What you've hidden from newsfeed		×		×	×	×	×
The Devices You Use							
Information About the Things Near Your Device (WiFi, Bluetooth, Etc.)			×	Only Apple device purchases and maintenance	×	×	
Voice Data		×	×	×	×		
Gaming Interactive Data		×	×	×	×	×	 Includes skeletal tracking data and buttons pressed while using Xbox Live

Sources:

www.privacy.google.com | www.policies.google.com |
www.facebook.com | www.newsroom.fb.com |
www.washingtonpost.com | www.apple.com | www.zdnet.com |
www.twitter.com | www.fastcompany.com | www.amazon.com |
www.androidcentral.com | www.privacy.microsoft.com |
www.wsj.com | www.ortune.com | www.fastcompany.com

"My son asked me why I speak so softly when I am in the house. I told him I was afraid the NSA was listening. My son laughed, I laughed.. Alexa laughed."



HOW THEY CONTROL YOU

It's all about accessing and owning YOUR DATA:

- Your preferences + opinions
- What you search for
- Who you interact with
- Where you go
- Where you shop and what you buy
- Pictures and videos you take
- Content in emails, text messages and phone calls

HOW THEY CONTROL YOU

It's all about MIND CONTROL:

- What information you see when you search

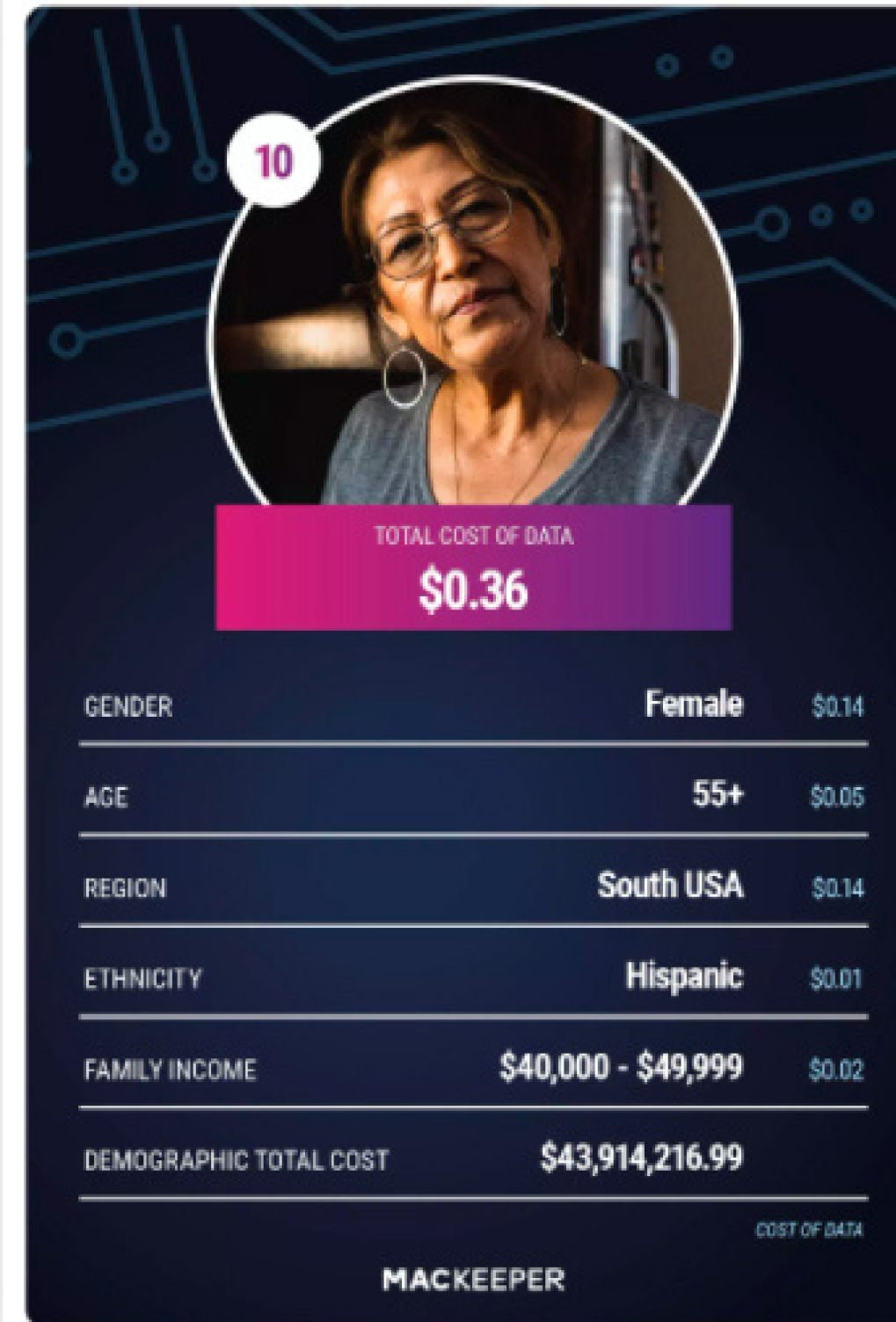
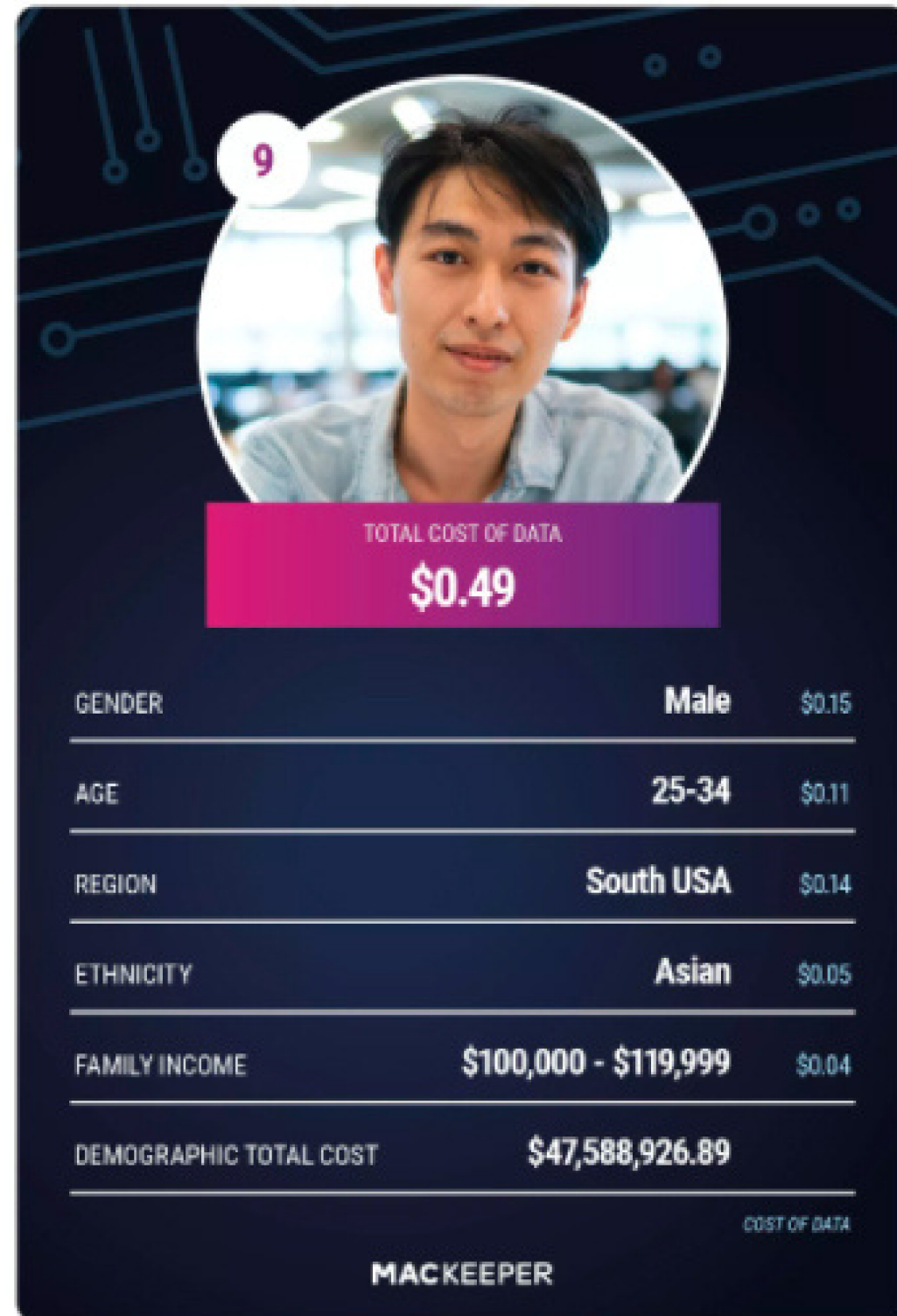
Sergey Brin and Lawrence Page in their 1998 paper,

“The Anatomy of a Large-Scale Hypertextual Web Search Engine,”

“... [W]e expect that advertising funded search engines will be inherently biased towards the advertisers and away from the needs of consumers.”

- Recommendations that keep you addicted
- Flicker Fusion
- Chromebooks / Google in the Classroom

WHAT IS YOUR DATA WORTH?



WHAT IS YOUR DATA WORTH?

Ethnicity	Cost for Data Per Person	Percentage of Population	Total Demographic Cost	Annual Family Income	Cost for Data Per Person	Percentage of Population	Total Demographic Cost
White	\$0.19	35.56%	\$21,845,128.59	Less than \$10,000	\$0.10	3.15%	\$1,081,093.97
Black	\$0.57	6.40%	\$11,942,003.63	\$10,000 - \$19,999	\$0.03	6.10%	\$590,998.04
Hispanic	\$0.01	8.09%	\$345,523.24	\$20,000 - \$29,999	\$0.04	4.51%	\$634,723.43
Asian	\$0.05	1.11%	\$188,886.04	\$30,000 - \$39,999	\$0.07	4.12%	\$936,440.55
Native American	\$0.09	0.68%	\$202,860.90	\$40,000 - \$49,999	\$0.02	4.94%	\$399,923.48
Middle Eastern	\$0.62			\$50,000 - \$59,999	\$0.03	6.69%	\$578,150.25
Mixed	\$0.03			\$60,000 - \$69,999	\$0.05	3.68%	\$563,451.52
Other	\$0.07					2.81%	\$420,140.78
						3.15%	\$532,964.16
						2.71%	\$362,328.50
						1.84%	\$2,014,766.03
						2.23%	\$1,592,509.68

Age	Cost for Data Per Person	Percentage of Population	Total Demographic Cost
18-24	\$0.36	11.92%	\$14,253,466.27
25-34	\$0.11	21.80%	\$7,791,894.90
35-44	\$0.12	20.30%	\$8,368,383.54
45-54	\$0.27	13.76%	\$12,346,312.34
55+	\$0.05	32.22%	\$5,272,710.83

Ditch BigTech You Must

**Do... or do not.
There is no "think on it"**

Closed Source

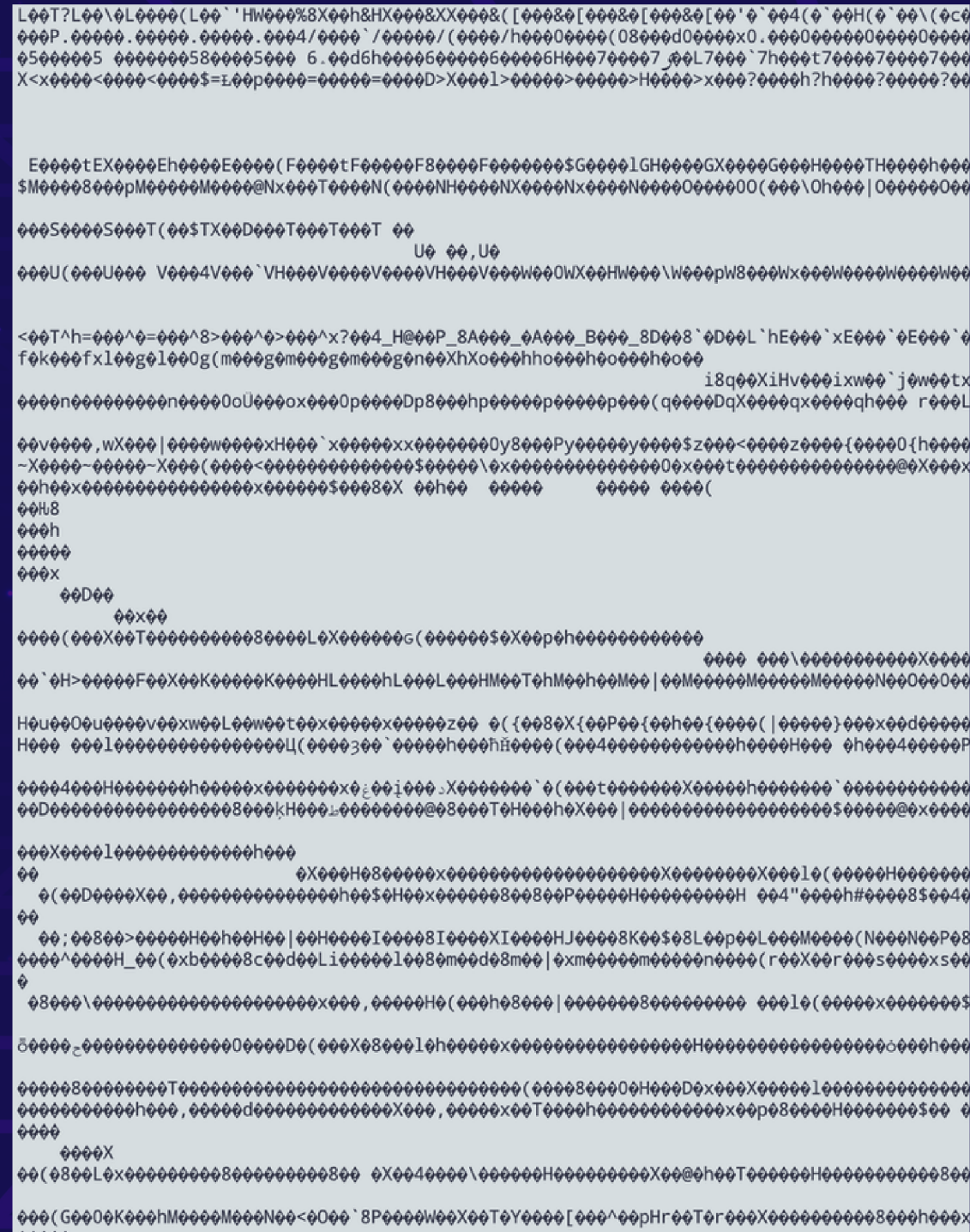
Vs

Open Source



CLOSED SOURCE

OPEN SOURCE



```
22
23     :param locations: A list of dotted path locations where the module ma
24     :type locations: list[str]
25
26     :param module_name: The name of the module to find.
27     :type module_name: str
28
29     """
30     for dotted_path in locations:
31         path = dotted_path.replace(".", os.sep)
32         packages = find_packages(path)
33
34         for package in packages:
35             _dotted_path = "%s.%s" % (package, module_name)
36             try:
37                 import_module(_dotted_path)
38             except Exception: # pragma: no cover
39                 # This IS tested in unit tests but for some reason does
40                 if submodule_exists(_dotted_path, module_name):
41                     raise
42
43 def find_packages(path):
44     """Get a list of Python packages on the given path.
45
46
47     :param path: The path to which packages are located.
48     :type path: str
49
50     :rtype: list[str]
51     :returns: A list of dotted paths for packages found at the top level
52
53     """
54     a = list()
55     for d in os.listdir(path):
56         _path = os.path.join(path, d)
57         if not os.path.isdir(_path):
```

OPEN SOURCE STRENGTHS

- **Software Freedom**

- Open source software provides free alternatives to paid software, which benefits computer users and prevents commercial-only software models from dominating the market

- **Collaborate**

- Open source software fosters collaboration among software engineers worldwide, who can modify the source code and contribute to the development and enhancement of projects through new features, bug fixes, documentation, and more

- **Community Control**

- Open source software provides improved long-term support and availability as access to the code base is transferred to the community, reducing reliance on a single entity and ensuring continuity of support.

OPEN SOURCE STRENGTHS

- **Strengthen**

- Open source projects benefit from improved robustness and security as a result of community support through scaled testing, bug reporting, and user feedback, leading to enhanced validation processes.

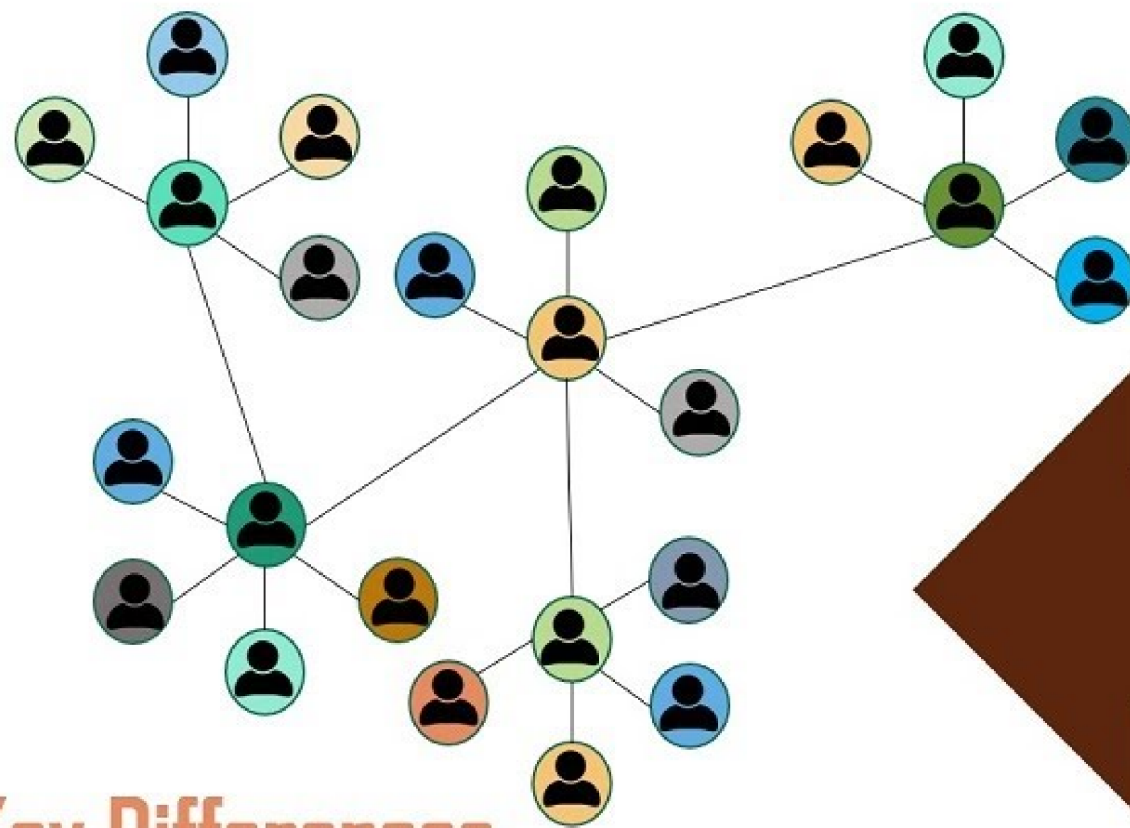
- **Empower**

- The open source mindset relies on knowledge sharing and the freedom to exchange information and expertise among developers, which is fundamental to producing high-quality software and driving the continuation of such projects.

- **Community Support**

- Open source has become a powerful support system that fosters a community of engineers from around the world, encouraging them to achieve anything with technology.

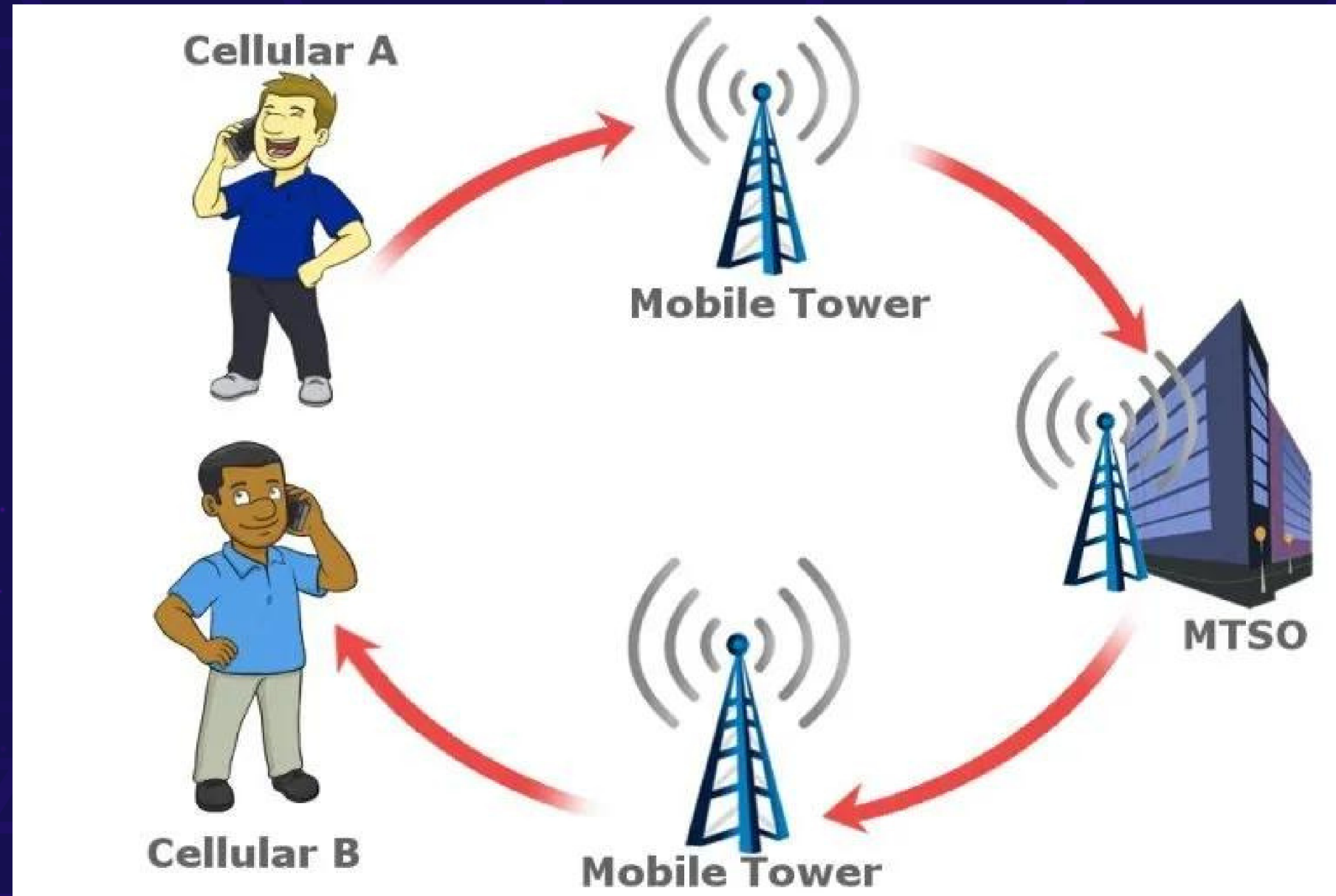
Centralization



Decentralization

Key Differences

HOW TELECOM WORKS



HOW TELECOM WORKS

AT&T T-Mobile Verizon

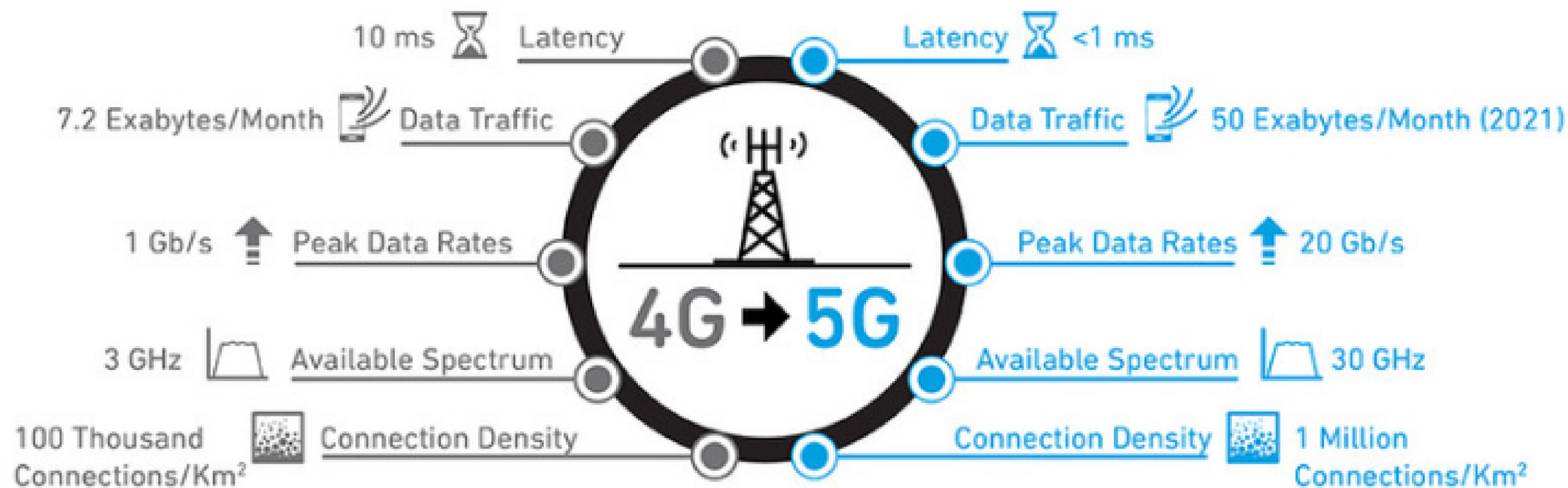
Cricket – TracFone – PureTalk

US Cellular – Patriot Mobile



EMF & 5G

Comparing 4G and 5G



Channel bandwidth	20MHz 200kHz (for Cat-NB1 IoT)	100MHz below 6GHz 400MHz above 6GHz
Frequency band	600MHz to 5.925 GHz	600MHz–mmWave (for example, 28GHz, 39GHz, and onward to 80 GHz)
Uplink waveform	Single-carrier frequency division multiple access (SC-FDMA)	Option for cyclic prefix orthogonal frequency-division multiplexing (CP-OFDM)
User Equipment (UE) transmitted power	+23 decibel-milliwatts (dBm) except 2.5GHz time-division duplexing (TDD) Band 41 where +26dBm, HPUE is allowed IoT has a lower power-class option at +20dBm	+26dBm for less than 6GHz 5G bands at and above 2.5GHz

EMF & 5G

The biggest insurance companies in the world know it. The Securities and Exchange Commission knows it. And the telecoms know it.

5G is a “High Impact Liability” Risk

In its 2019 *New Emerging Risks SONAR Report*, **Swiss Re**, one of the world’s largest insurance companies, classified 5G as a **“High Impact Liability”** risk. The report stated, **“Existing concerns regarding potential negative health effects from electromagnetic fields (EMF) are only likely to increase. An uptick in liability claims could be a potential long-term consequence.”**



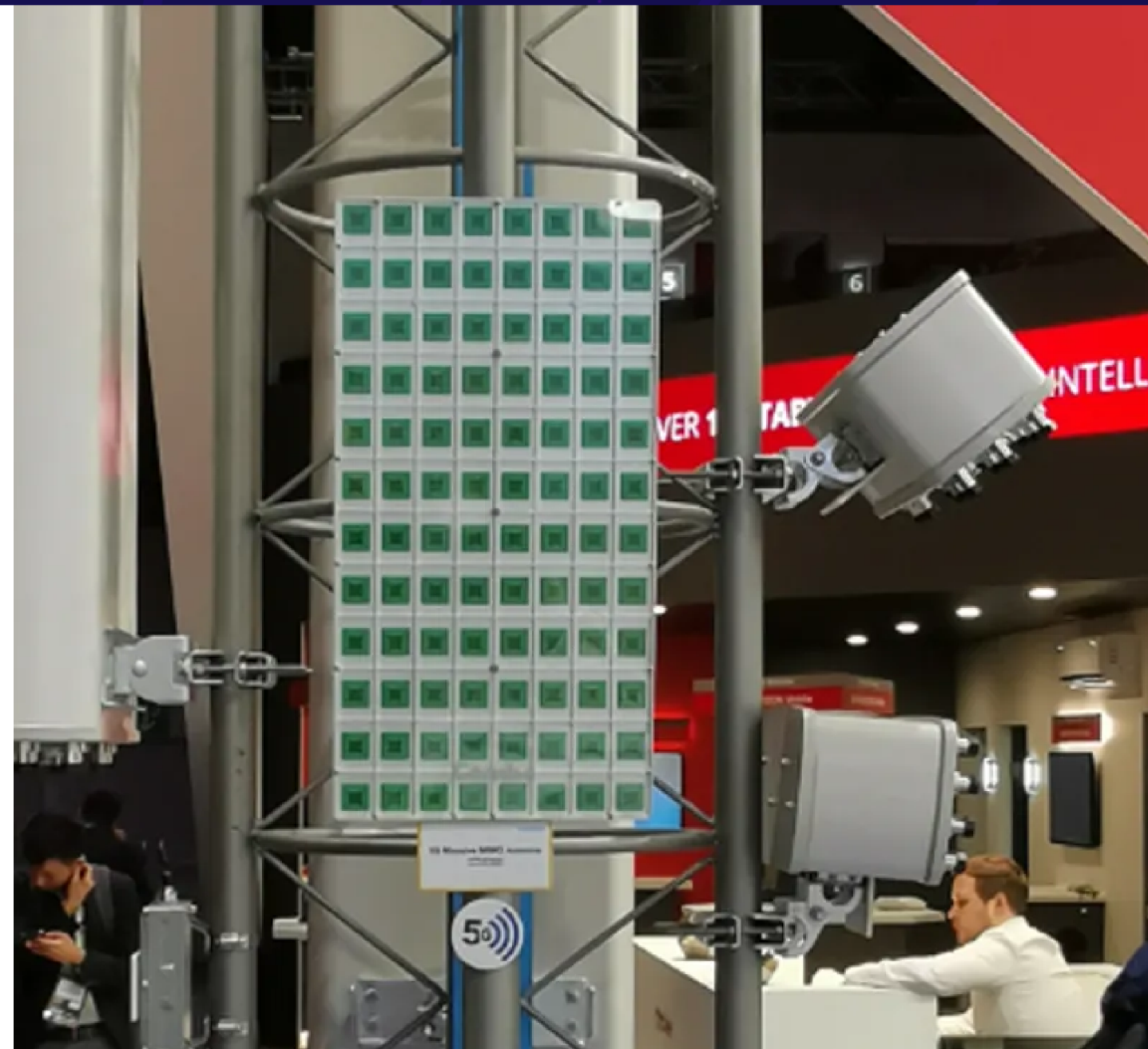
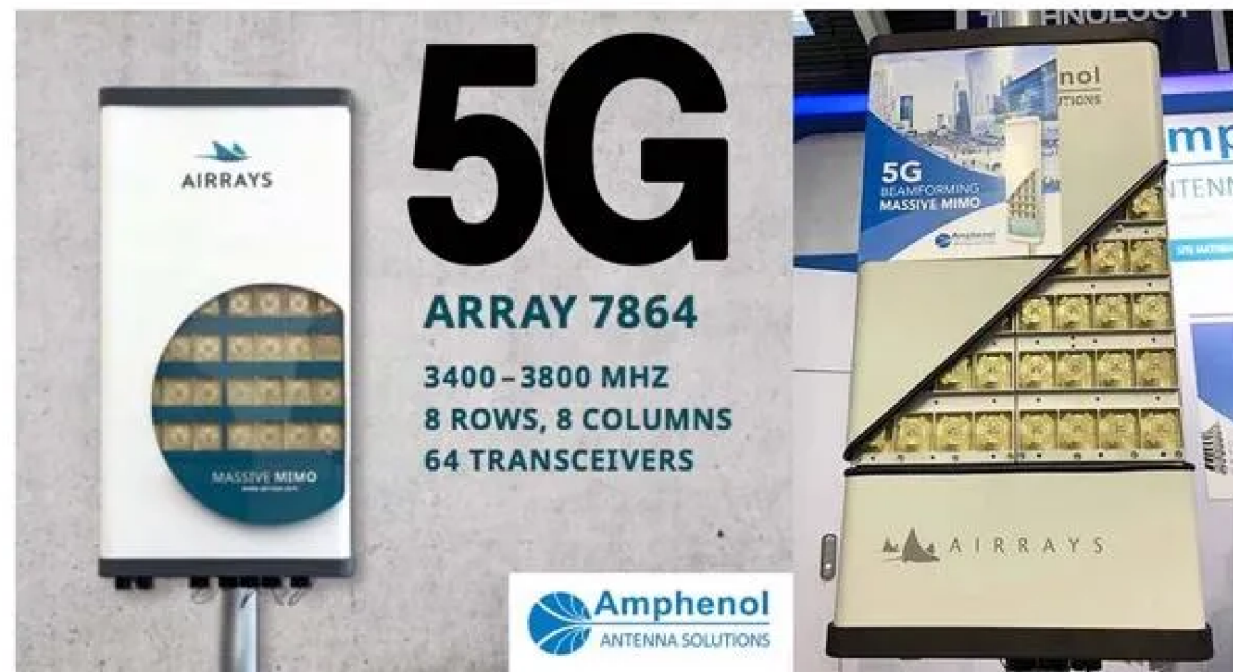
In its business insurance policies, **Lloyds of London** says it will not cover **“claims arising out of, resulting from or contributed to by electromagnetic fields, electromagnetic radiation, electromagnetism, radio waves or noise.”** In other words, wireless radiation from wireless antennas including 5G small cells, is not covered by their policies.

EMF & 5G

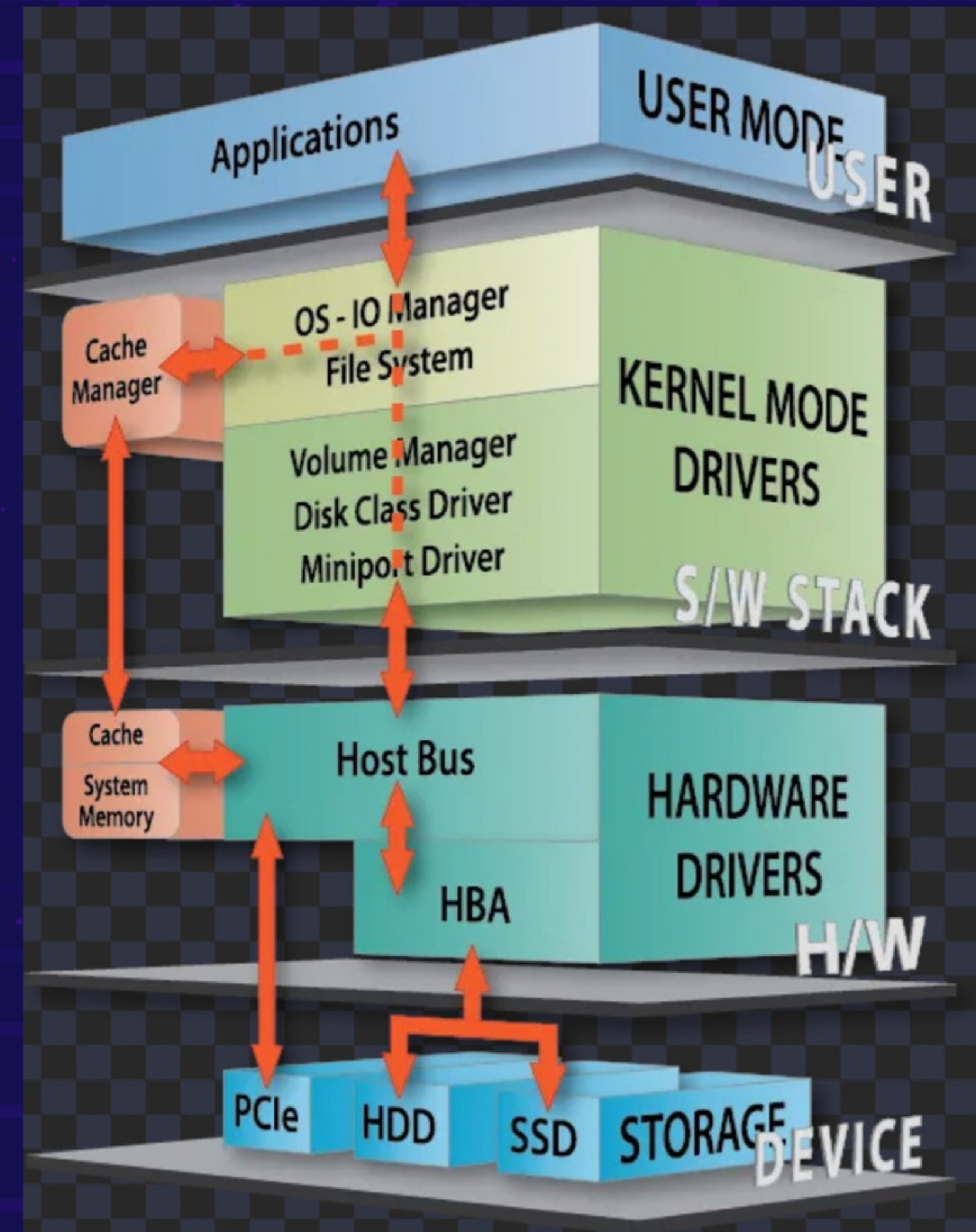
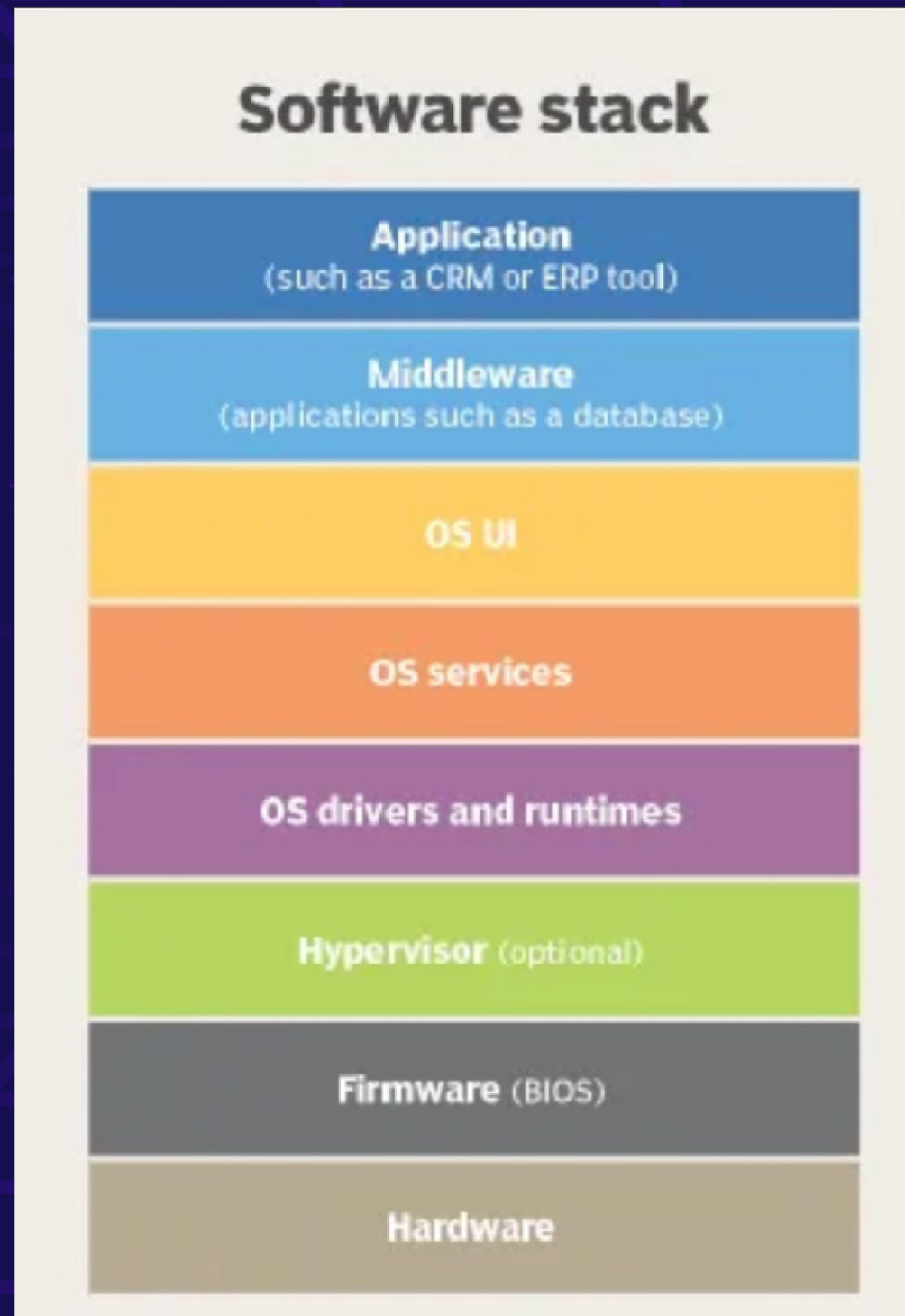


BURNABY, BC - HUAWEI 5G MIMO

SEATTLE, WA - ERICSSON 5G MIMO



WHAT IS AN OPERATING SYSTEM?

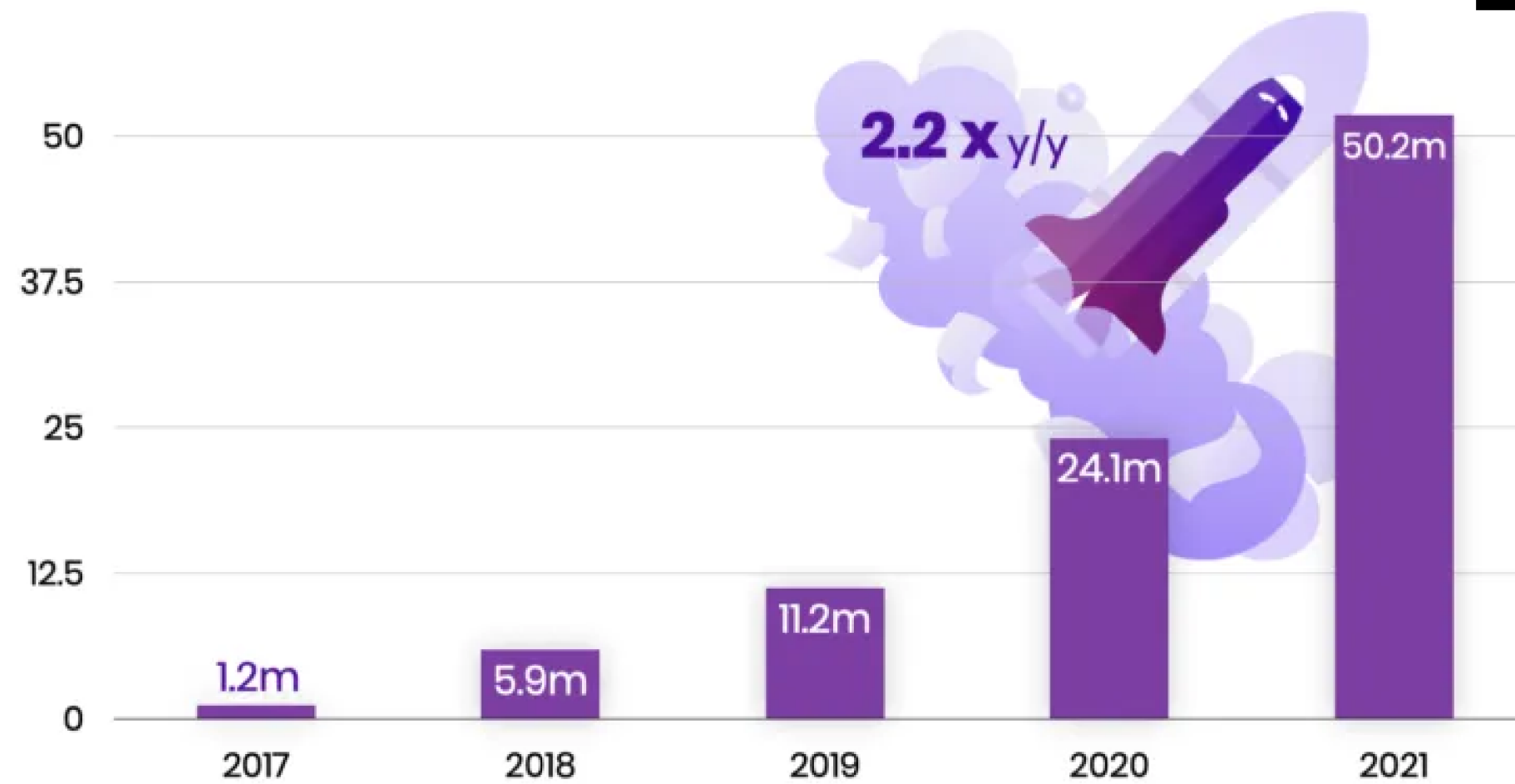


PRIVACY IS WINNING

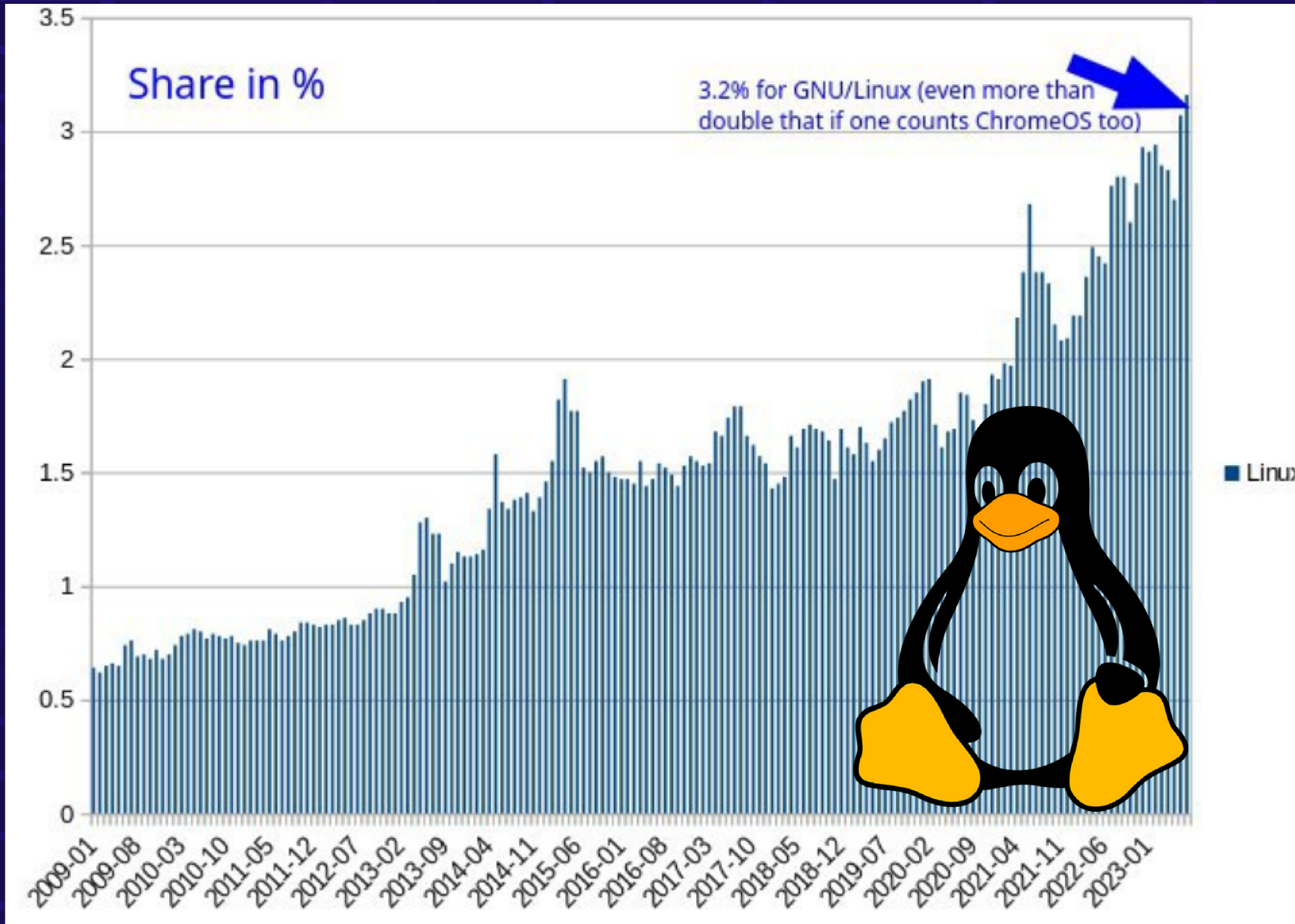


Brave monthly active users

Five Years of User Growth

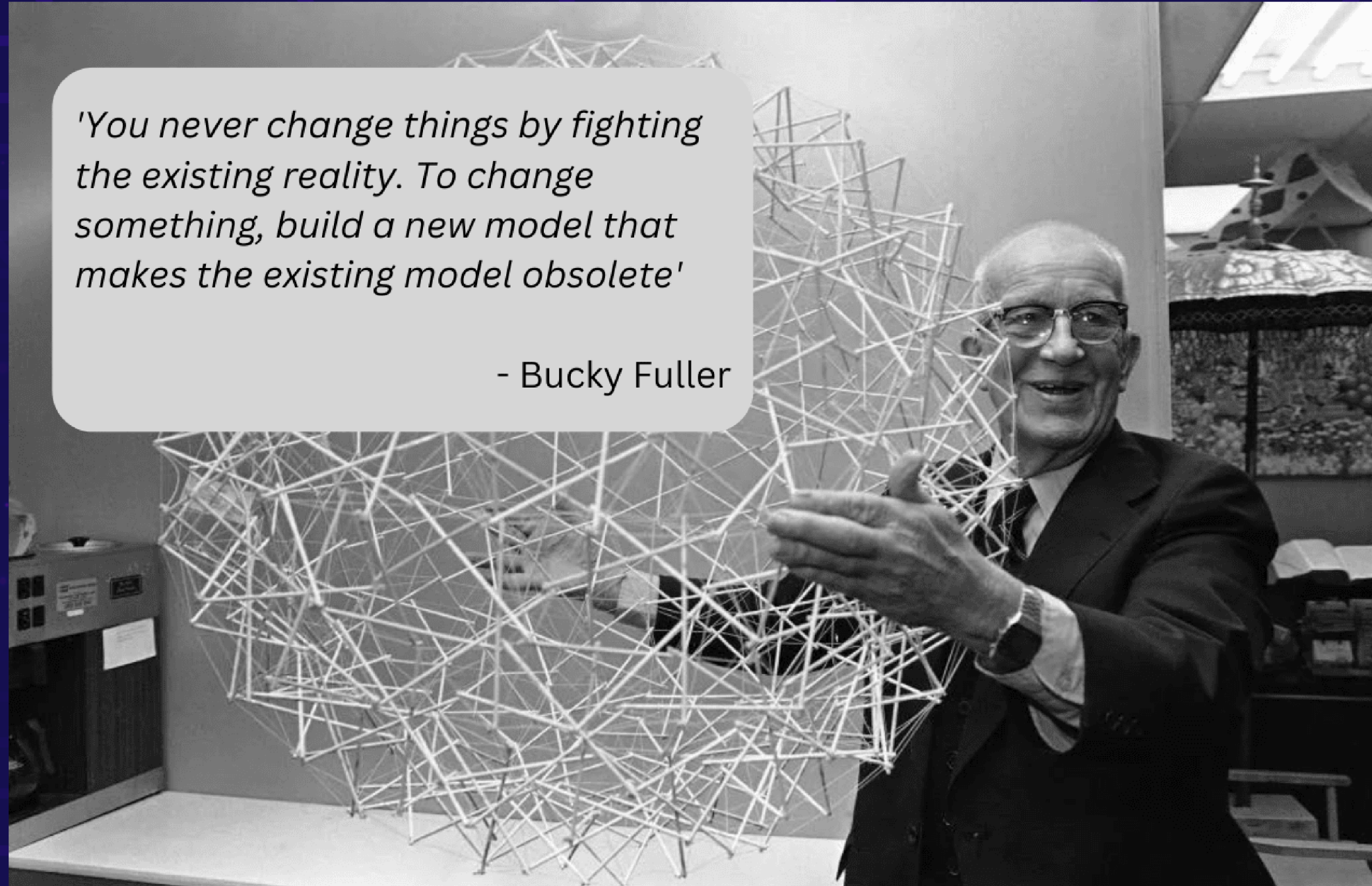


PRIVACY IS WINNING



*'You never change things by fighting
the existing reality. To change
something, build a new model that
makes the existing model obsolete'*

- Bucky Fuller





LIBERATION™



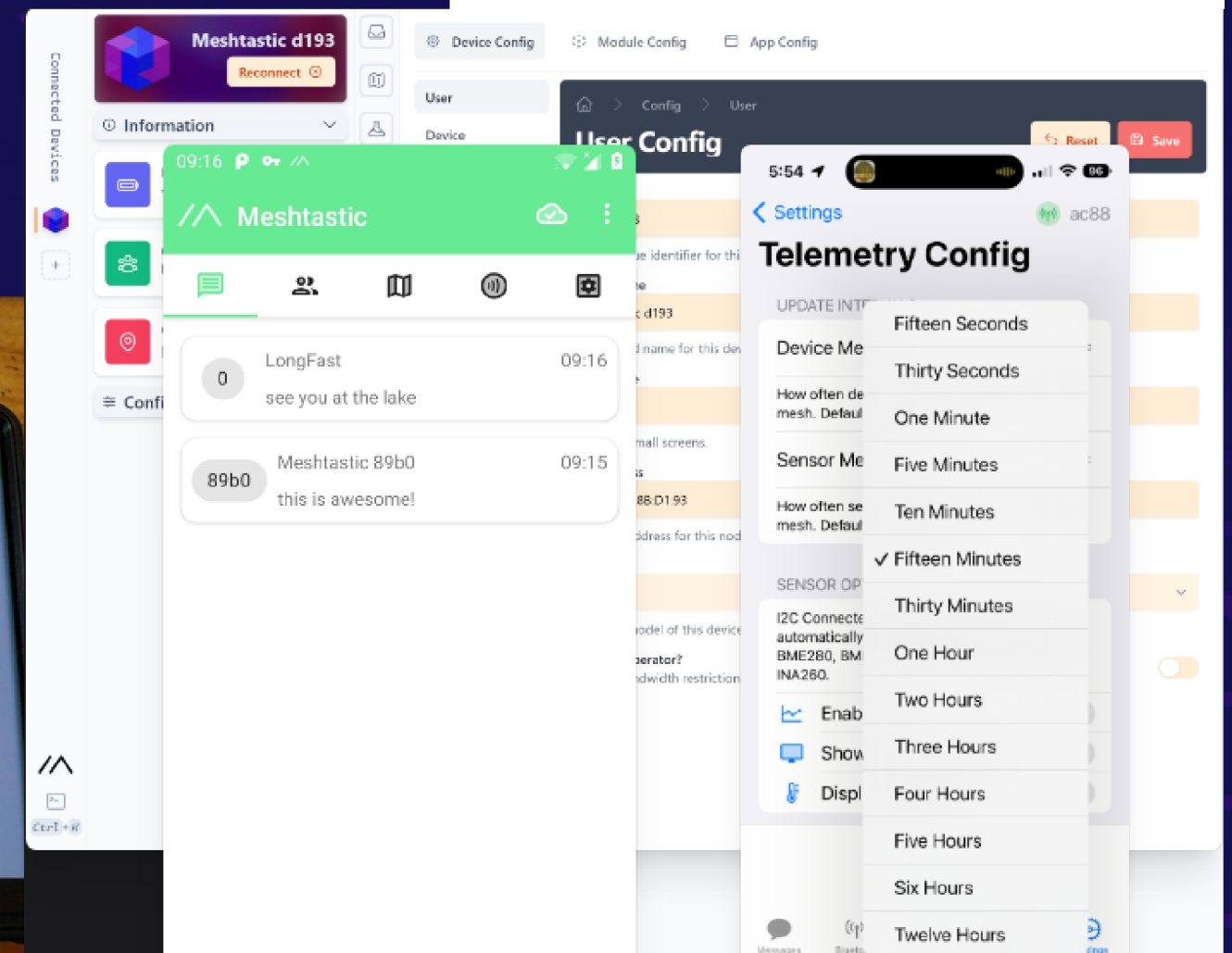
American Cloud

jeff.pro®

ALT COMMS

LILYGO / RNode with Meshtastic 2.0:

- 2-5 mile range
- Can relay messages
- Unlimited range with enough nodes
- Purchase or Assemble
- FOSS works great with GrapheneOS
- @ \$75 per node



RESOURCES

MARK37.COM

- Ghost Phones & Laptops
- De-Google your Phone & DeApple/Windows your Computer
- Faraday Bags
- Phone and Laptop Setup & Migration Support

truthinlove.substack.com

- "Your Guide to #BoycottBigTech: Alternatives & Resources"
- "3 Steps to Digital Freedom"

ForceFieldIT.com

- Personal & Family – Digital protection and coaching for you, your home and your family
- Business Transformation – Migrate your business off the various BigTech devices, platforms, software and services while regaining ownership and protection of your data and core digital assets.

RESOURCES

Intelondemand.substack.com

- Comprehensive intelligence reports on the forces shaping an alternative economy; technology, media, politics and beyond.

Jeff.pro/MARK37

- Smart Approachable Articles & Insights on Current Tech Topics
- Online Linux Training

Contact us w/ any questions/comments

- SUPPORT@MARK37.COM
- Livechat via MARK37.COM from 9am – 5pm
- <https://t.me/MARK37chat>
-