

# The Bill & Phil Show



It's 2020, So  
Where Is My  
Flying Car?

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Bill Ramsey, Neal & Harwell  
Phillip Hampton, LOGICFORCE

# *THE Jetsons*





# Hyundai/Uber Flying Taxi Concept





# The Old Is New Again





# Audio Revival

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## New Old Games

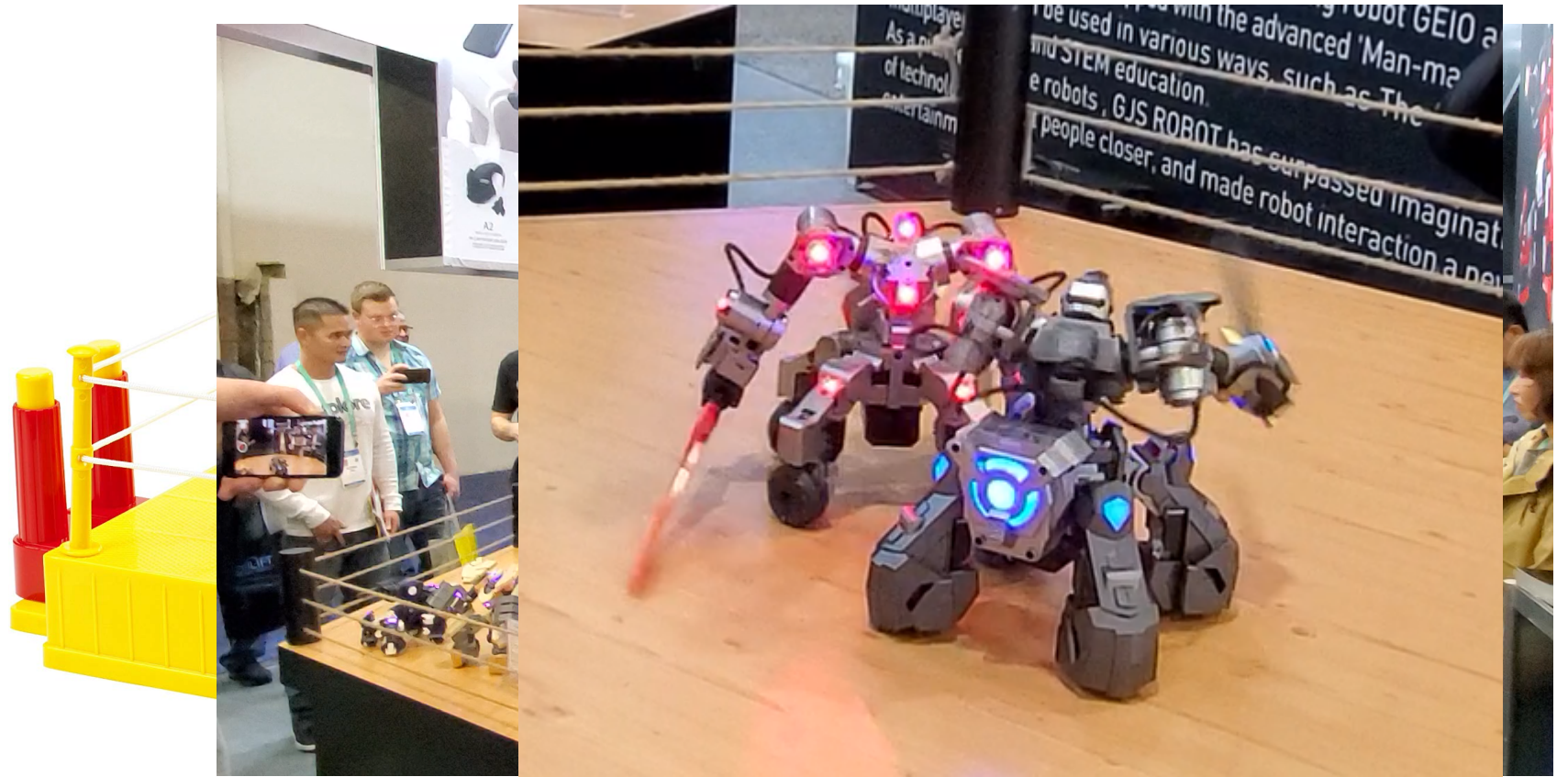


# Old School Farming With New Tech

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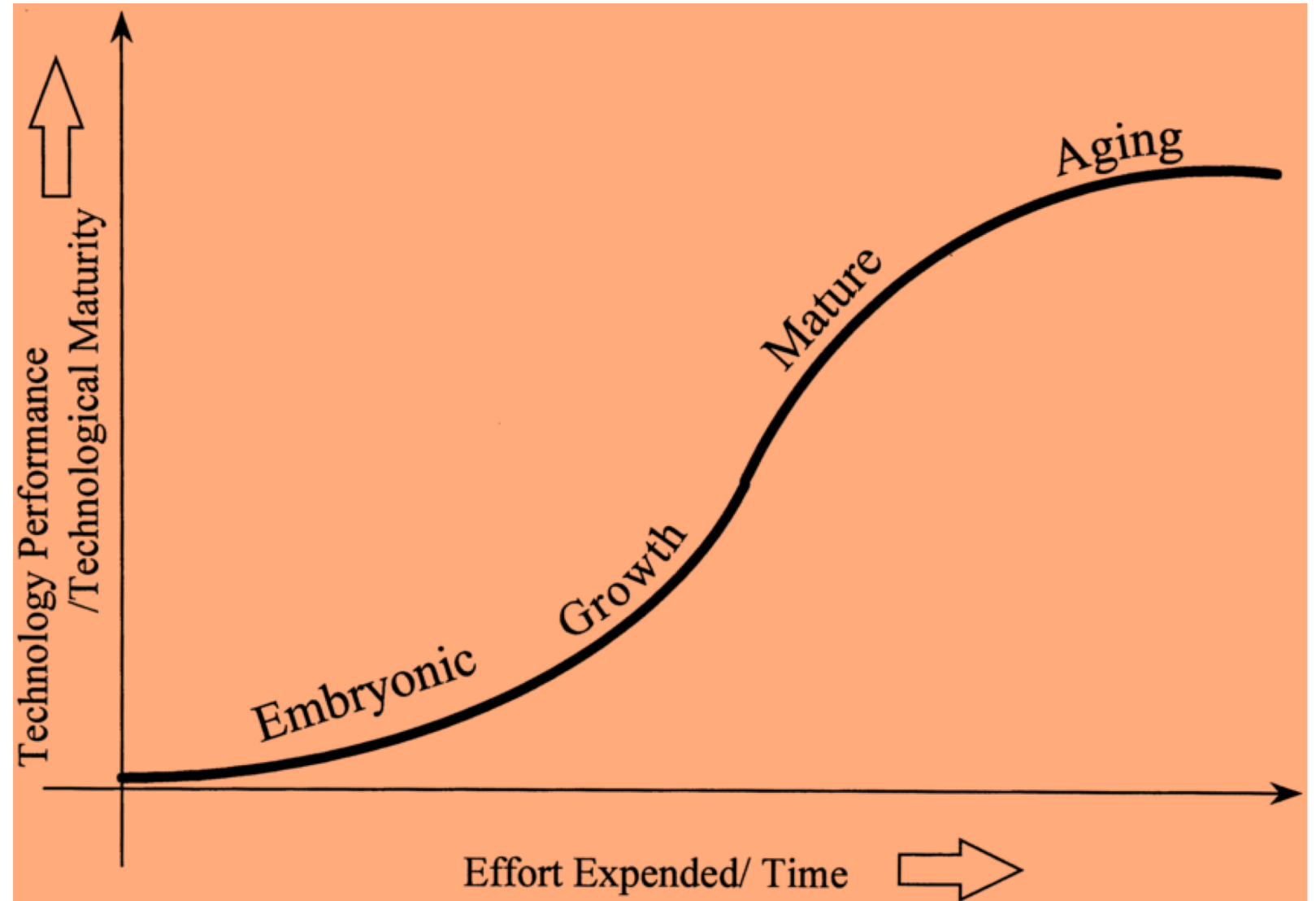


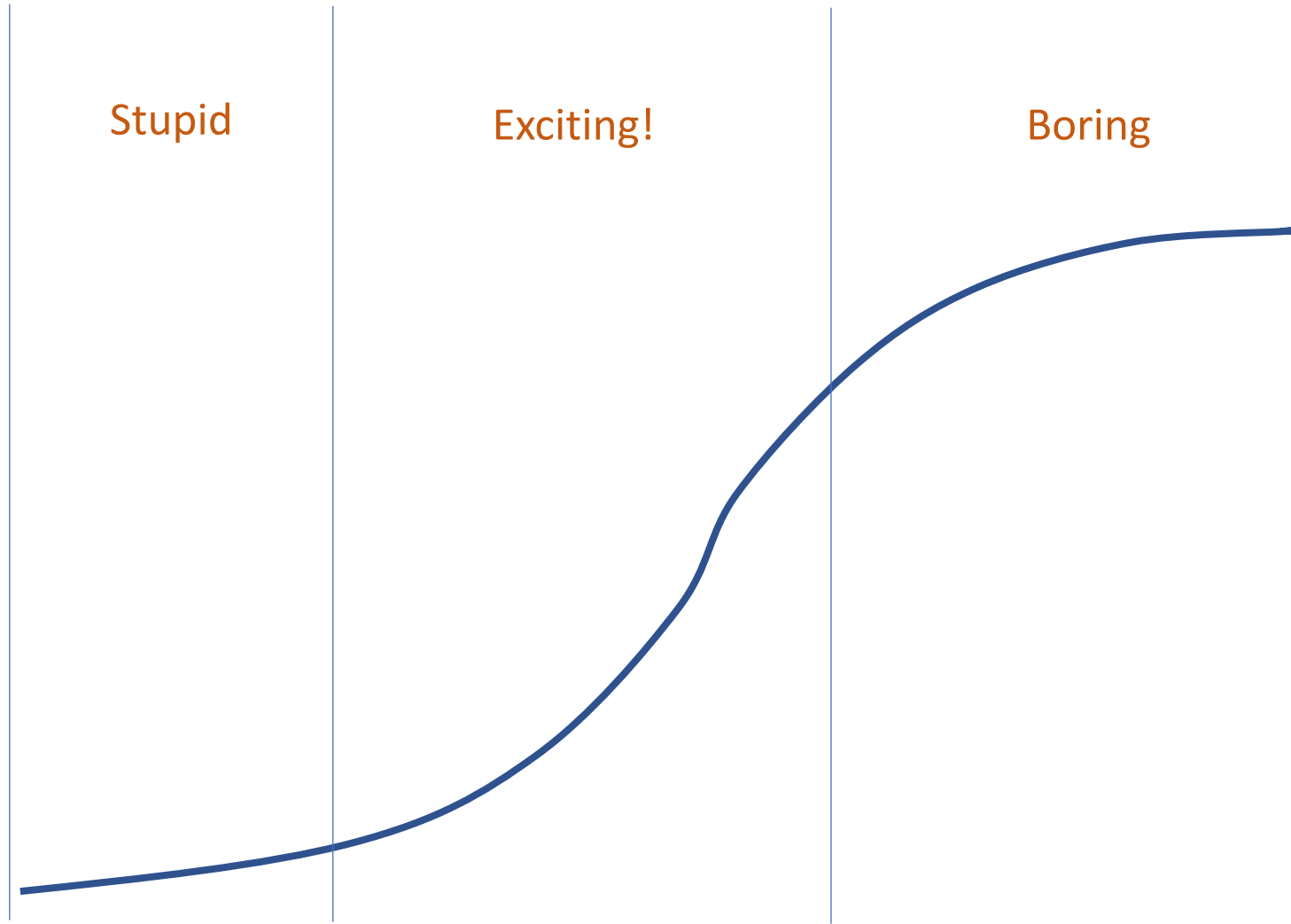


New "Old" Toys



# Technology S-Curve

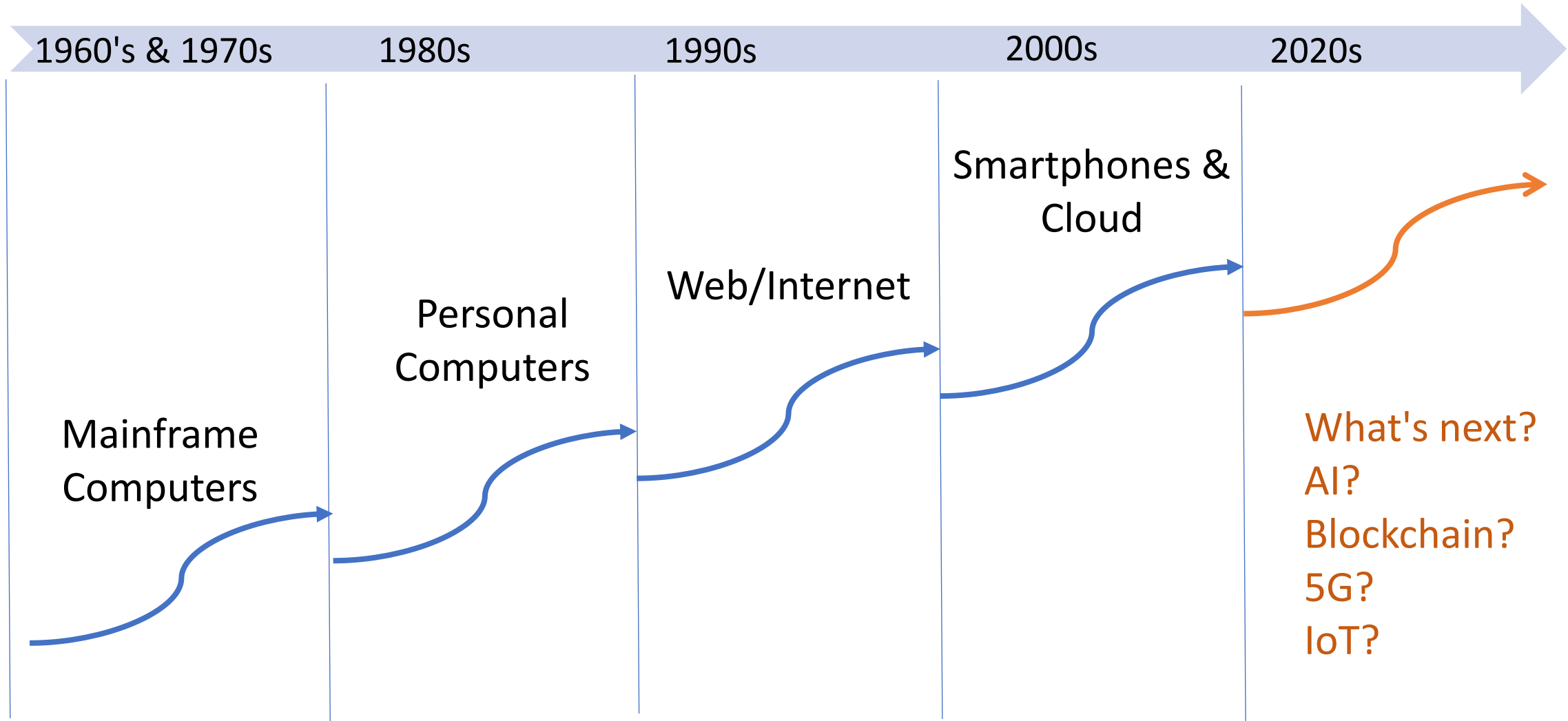




Technology S-Curve (In Layman's Terms)



# Tech Life Cycles 1970-Current



# Where are we on the mobile device S-curve?

7.7 Billion

Current world population in 2019 (Worldometers)

5.13 Billion (67%)

People who own a mobile phone in 2019 (GSMA)

3.2 Billion (42%)

People who own a smartphone in 2019 (Statista)

# Smartphone Roundup 2020

- iPhone 11 Pro (Max)
- Samsung Galaxy S10 (Plus)
- Samsung Galaxy Note 10 (Plus)
- Google Pixel 4 (XL)
- Samsung Galaxy S20 (Plus, Ultra) – All 5G
  - Coming March 2020



## Dual Screen Devices:



# LG G8X ThinQ Phone

- Dual 6.4" screens
- Detachable
- Headphone jack
- Two rear camera lens
- Starting at \$700
- [www.lg.com](http://www.lg.com)



# Dual Screen Devices



## Galaxy Fold Phone

- Flexible display
- Rocky rollout in 2019
- Unfolds to 7.3" tablet size
- 3 rear camera lenses
- Expensive: \$1,980



And now, to  
come full circle...





Galaxy Z Flip

- Hi-tech flip phone
- 6.7" bendable screen
- Proprietary bendable glass, "Ultra Thin Glass"
- 4G LTE only (NO 5G)
- \$1,380



## New (or "Old" New) Tech Trends for 2020

- Mobility Is Everything
- Cloud Adoption Is Trendy for Law Firms
- Making Green Tech Green
- Artificial Intelligence Becoming Commonplace
- Security & Privacy Are Essential
- Tech Makes Work-Life Balance Possible





Mobility Is Everything |



# Surface Pro X

- 2-in-1 laptop
- 13" display
- Ultra thin & light (1.7 lbs)
- Surface kickstand
- LTE – always connected
- 13-hour battery life
- ARM processor
- Starts at \$999
- Keyboard sold separately
- [www.Microsoft.com](http://www.Microsoft.com)



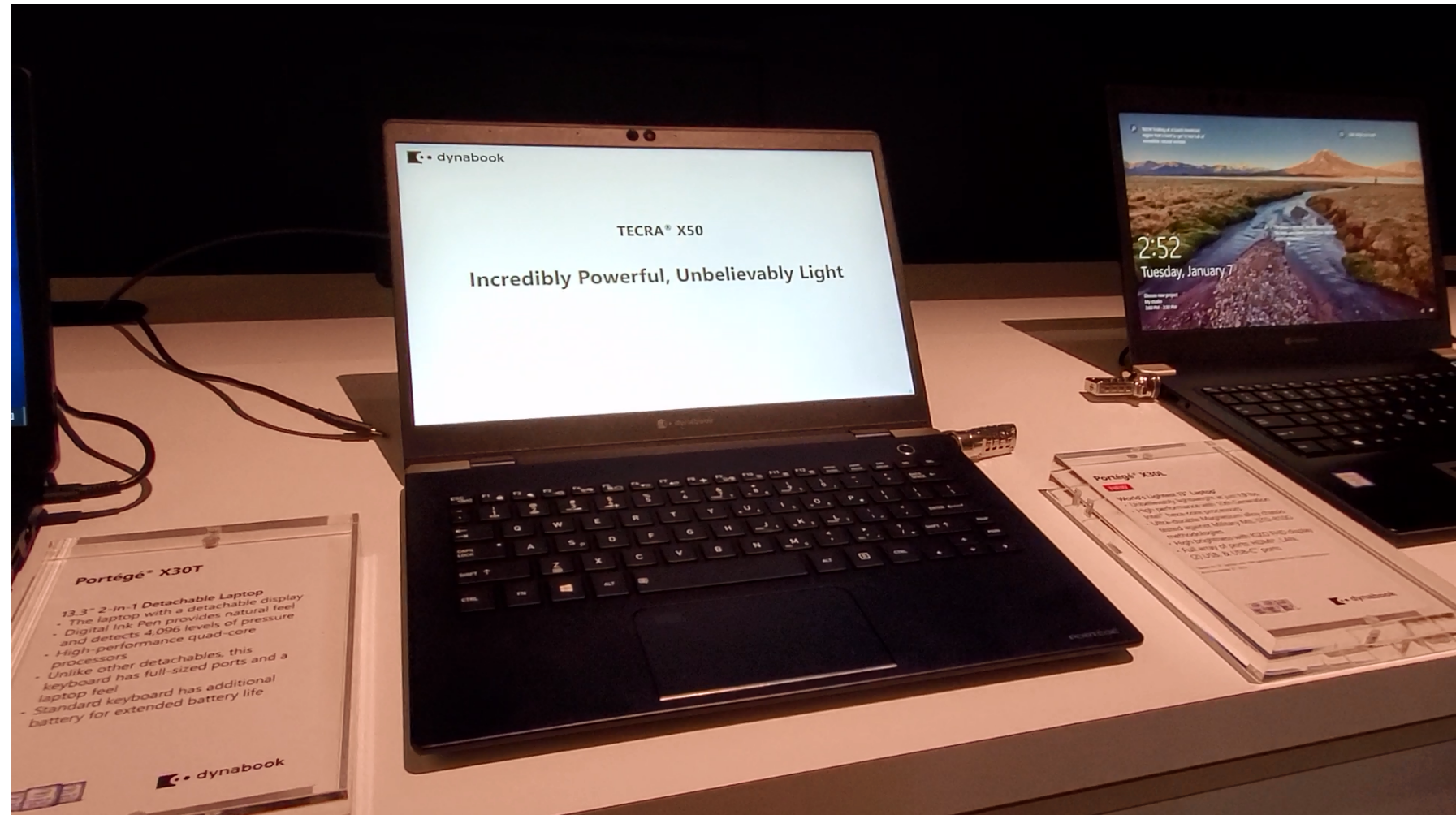


# Dell Inspiron 14 7000

- Ultraportable laptop
- 14" display
- 2.9 lbs
- Wi-Fi 6
- Incredible 20+ hour battery
- Starts at \$830

# Dynabook Portégé X33L

- Former Toshiba line
- 1.9 lbs
- Extremely durable
- 13.3" display
- Lots of ports
- Wi-Fi 6
- [us.dynabook.com](https://us.dynabook.com)
- Starts at \$1,599







## LG Gram 17"

- 17" display
- 2.98 lbs
- Up to 17-hour battery
- Wi-Fi 6
- Backlit keyboard w/ numeric keypad
- Release Date mid 2020
- [www.lg.com](http://www.lg.com)

# Dell Latitude 9510

- Premium business laptop
- 2-in-1 and clamshell models
- 15.6" display
- 3.2 lbs
- 5G and Wi-Fi 6
- 30-hour battery
- AI & machine learning integration
- Shipping March 2020





# Microsoft Surface Neo

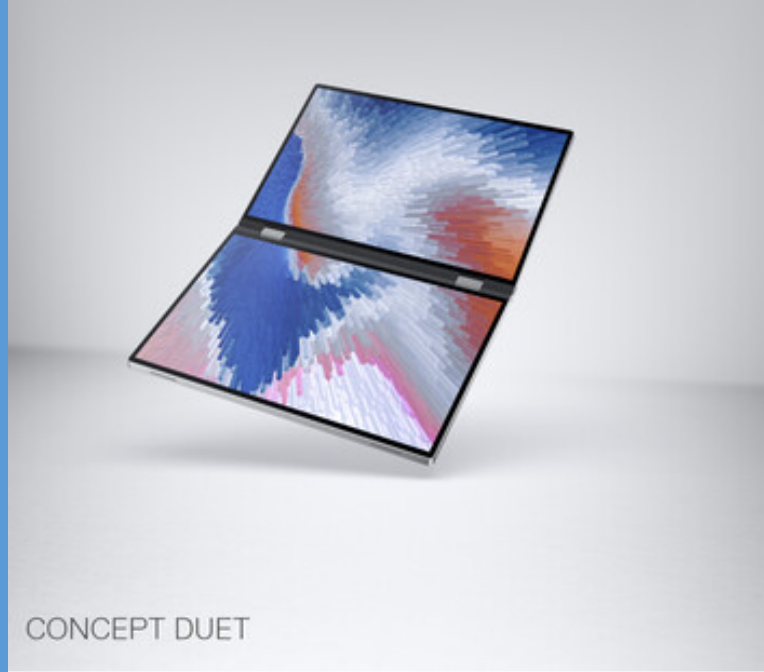
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- Dual 9" screens
- LTE built-in
- Magnetic keyboard
- "Wonderbar" touchbar
- Windows 10X
- Coming 2020
- Price ??

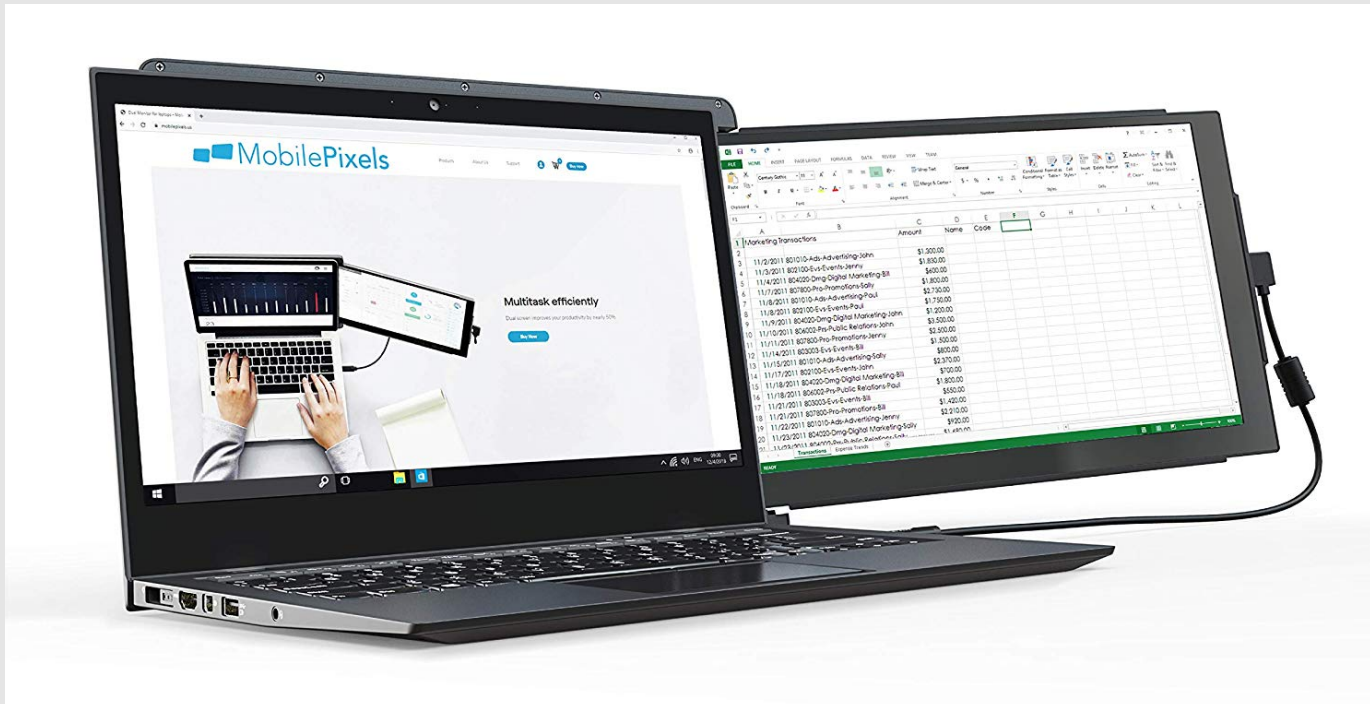


# Dell Duet

- Dual 13.4" screens
- 360-degree hinge
- Magnetic removable keyboard
- Full-size laptop
- Coming 2020







# Mobile Pixels Deux

- Portable dual screen for laptop
- Windows, Mac, Chromebook compatible
- 1.6 lbs
- \$249
- [www.mobilepixels.us](http://www.mobilepixels.us)

# Belkin Soundform Elite

- Smart speaker
- Wireless charger
- Google Assistant integration
- Connects w/ other Google Assistant smart speakers
- Ships March 2020
- \$299.99
- [www.Belkin.com](http://www.Belkin.com)





# Brydge Pro+ Keyboard

- Keyboard for iPad with trackpad
- Available in 11- and 12.9" models
- Backlit keys
- 3-month battery life
- Glass trackpad
- Bluetooth
- Starts at \$199.99
- [www.brydge.com](http://www.brydge.com)



# Mokibo

- Touchpad embedded keyboard
- Entire keyboard surface becomes giant touchpad
- Works for Windows, Mac & Android platforms
- Coming soon
- [www.innopresso.com](http://www.innopresso.com)

mökibo

Touchpad Fusion Keyboard





# Peripage

- Inkless pocket printer
- Uses thermal paper
- Quick prints on the go
- Print from laptop or smart phone
- Great for scrapbooking, ToDo Lists, personal notes
- \$57
- [peripage.io](http://peripage.io)



# Selpic S1

- Handheld printer
- Print on any surface (glass, metal, plastic, wood, leather)
- Quick drying ink
- [selpic.com](http://selpic.com)
- \$239.99





# Flexible Displays





# LG Flexible OLED TV





# Lenovo X1 Thinkpad Fold



- "World's first foldable PC"
- Flexible 13.3" OLED display
- 2.2 lbs
- Leather cover
- Mini fold keyboard sold extra
- 11-hour battery
- Ships mid 2020
- \$2,499

# Sonos Move

- Battery smart speaker
- Bluetooth & WiFi
- Weatherproof
- Voice control via Google Assistant & Alexa
- Charging base
- \$399
- [www.sonos.com](http://www.sonos.com)





# Wireless Ear Buds



Apple AirPods 2 \*\*\*\*



Samsung Galaxy Buds \*\*\*\*



Bose SoundSport Free \*\*\*



Amazon Echo Buds \*\*

# RHA Wireless Flight Adapter

- Use Bluetooth headphones with in-flight entertainment system
- 3.5mm adapter
- Simultaneously broadcast to 2 headphones
- 16 hour battery
- \$49.95
- [www.rha-audio.com](http://www.rha-audio.com)



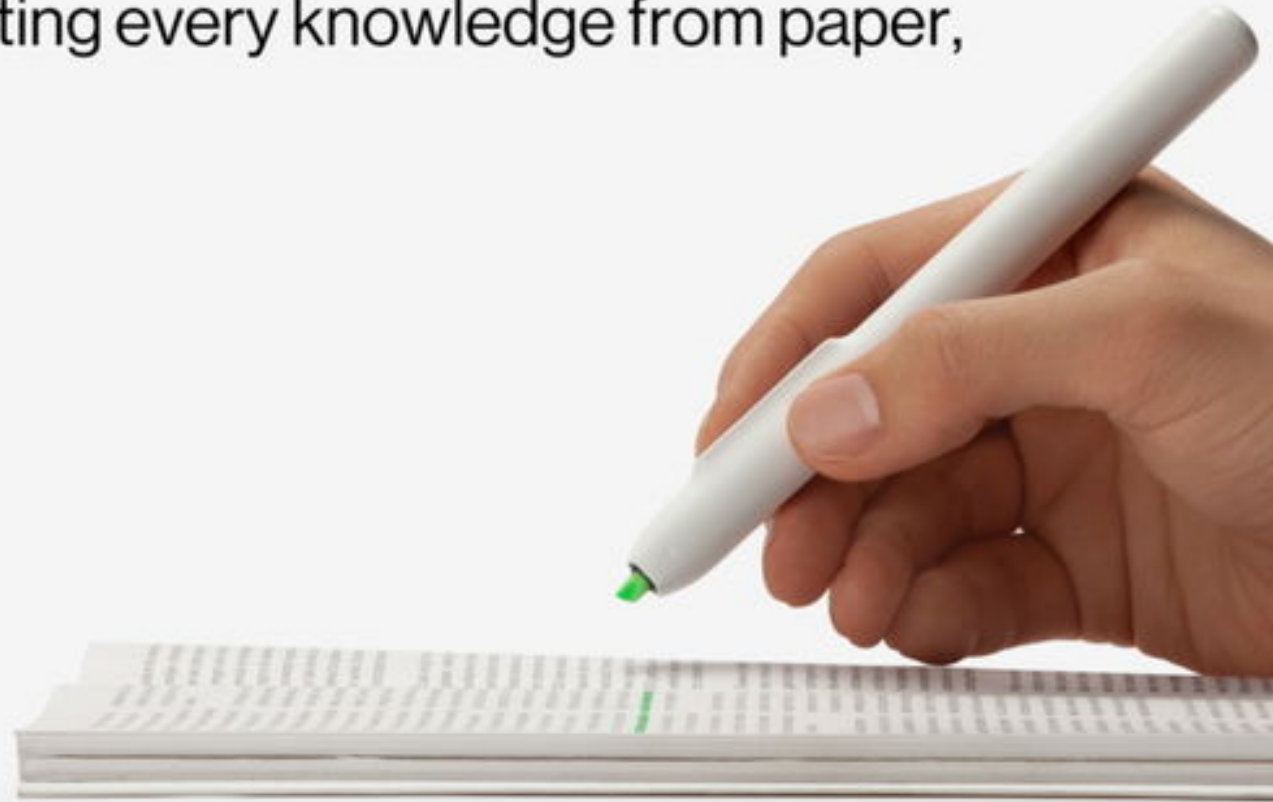


# Hyer Pen

- Digital-Analog hybrid highlighter
- Transfers highlighted text from paper to phone
- Search on highlighted words
- <http://bkid.co/work/hyer-pen/>

# Hyer

Collecting every knowledge from paper,  
Hyer.





# Lenovo ThinkSmart View

- Standalone video conferencing device
- Works with Microsoft Teams
- Integrated camera/microphone/speaker
- Bluetooth for connection with headset
- \$349





Cloud Adoption Is Trendy for Law  
Firms |

# What About The Cloud?

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Modern day "cloud computing" concept introduced by Google CEO Eric Schmidt in 2006

Law firms slow to adopt

Ethical considerations

- Security/privacy of client data
- Ownership of data
- Reliability of cloud vendor





Model Rule  
1.6(a):  
Confidentiality  
of Information

A lawyer shall not reveal information relating to the representation of a client unless the client gives informed consent, the disclosure is impliedly authorized in order to carry out the representation or the disclosure is permitted by paragraph (b).

# Model Rule 1.6(c): Confidentiality of Information

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A lawyer shall make **reasonable efforts** to prevent the inadvertent or unauthorized disclosure of, or unauthorized access to, information relating to the representation of a client.

# ABA Formal Opinion 477

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Paragraph (c) requires a lawyer to act competently to safeguard information relating to the representation of a client against unauthorized access by third parties and against inadvertent or unauthorized disclosure by the lawyer or other persons who are participating in the representation of the client or who are subject to the lawyer's supervision. ... The unauthorized access to, or the inadvertent or unauthorized disclosure of, information relating to the representation of a client does not constitute a violation of paragraph (c) if the lawyer has made reasonable efforts to prevent the access or disclosure



# Comment [18] to Model Rule 1.6(c)

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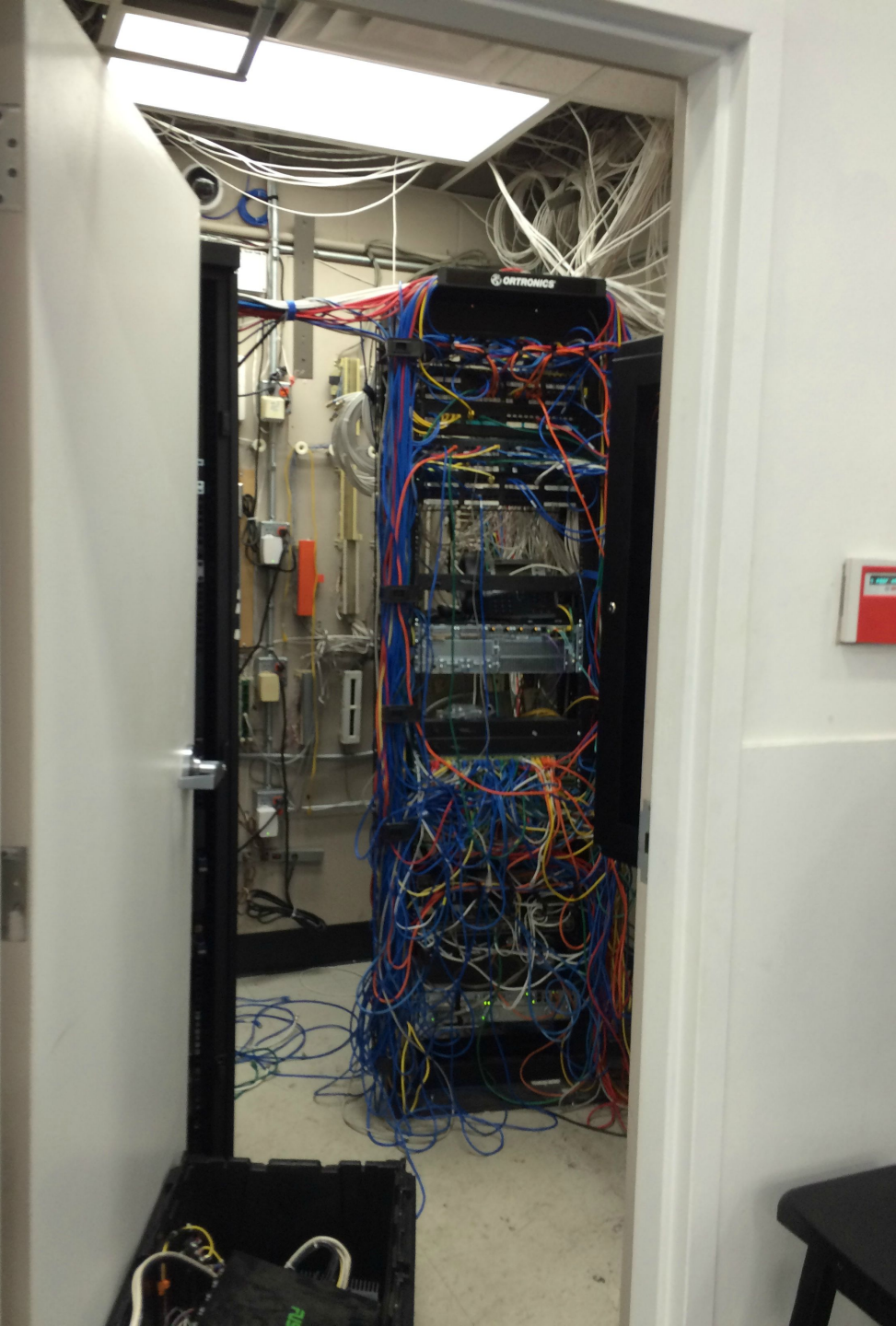
- "Process" to assess risks
- Identify and implement appropriate security measures responsive to risks
- Verify they are effectively implemented
- Ensure they are continually updated in response to new developments

--ABA Cybersecurity Handbook

# Cloud Technology



- TN Ethics Opinion 2015-F-159:
  - "A lawyer *may ethically allow confidential client information to be stored in "the cloud" if the lawyer takes reasonable care to assure that: (1) all such information or materials remain confidential; and (2) reasonable safeguards are employed to ensure that the information is protected from breaches, loss, and other risks. Due to rapidly changing technology, the Board doesn't attempt to establish a standard of care, but instead offers guidance from other jurisdictions.*"



# Evolution to the Cloud





# Evolution to the Cloud

# The Serverless Law Firm



# Popular Cloud Applications



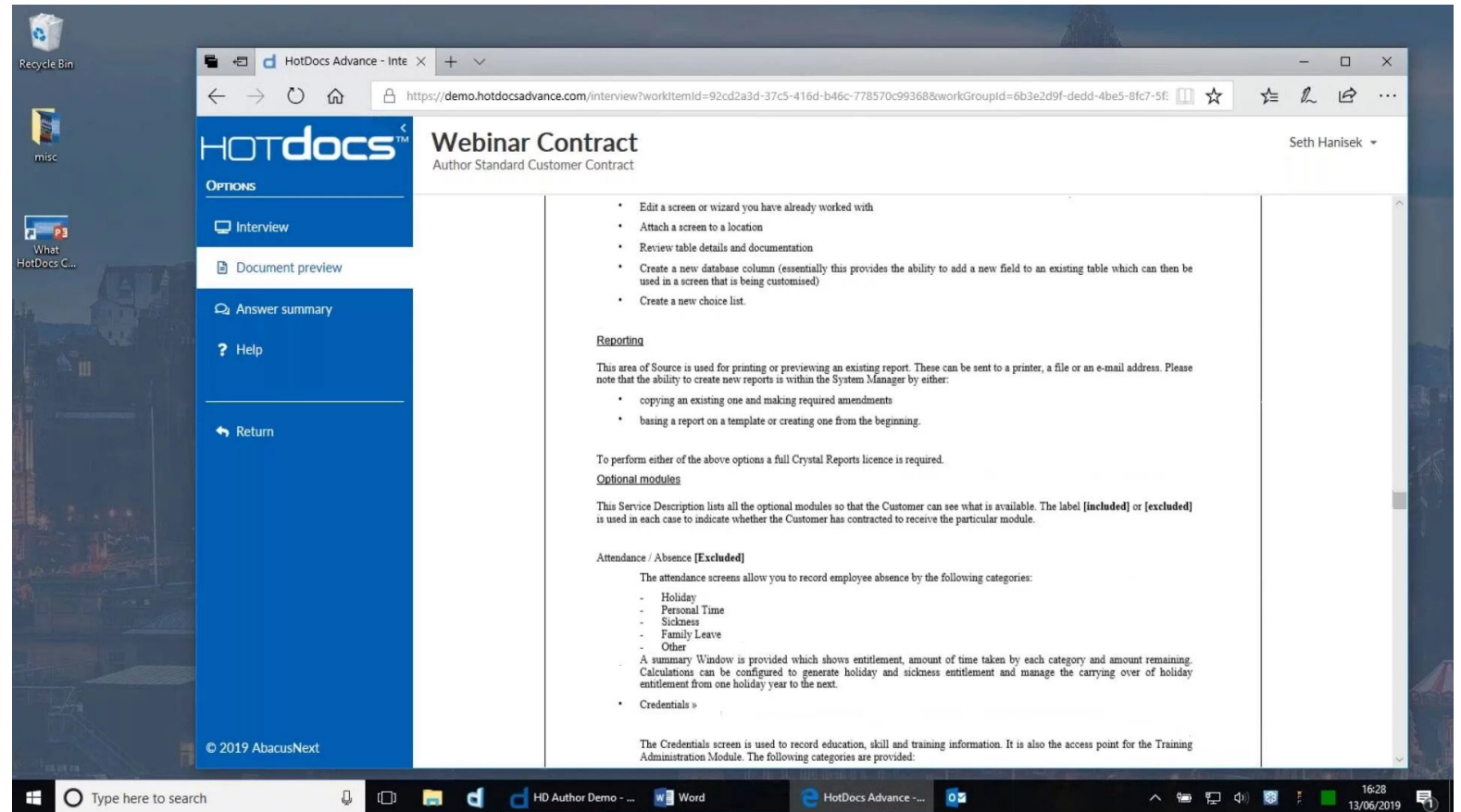
**Evernote**





# HotDocs Advance

- Document automation software
- Complete rebuild of classic HotDocs
- Cloud-based
- Create templates in Word
- Structure interviews to complete document creation
- Tight integration w/ AbacusNext case management system
- [www.hotdocs.com](http://www.hotdocs.com)





# Making Green Tech Green

# RideSVP



- Green carpool
- Offer vacant seats in car for out-of-town trips
- Everyone is potential driver & passenger
- Start-up markets: CA, AZ, NV, UT
- 5.5% revenue to environment protection & awareness
- [www.ridesvp.com](http://www.ridesvp.com)



# ION Glow Stone Solar

- Outdoor Bluetooth speaker
- Solar panel recharges battery
- No power cord needed
- Build-in LEDs create glow effect
- \$199 at [Walmart.com](https://www.walmart.com)





# Tiki Sounds Pair

- Bluetooth speaker / lantern
- 360-degree sound
- Link multiple units
- Rechargeable battery
- Recharge via solar or AC power
- Rain resistant
- \$109.99
- \$[www.ionaudio.com](http://www.ionaudio.com)





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## MECO Solar Flashlight

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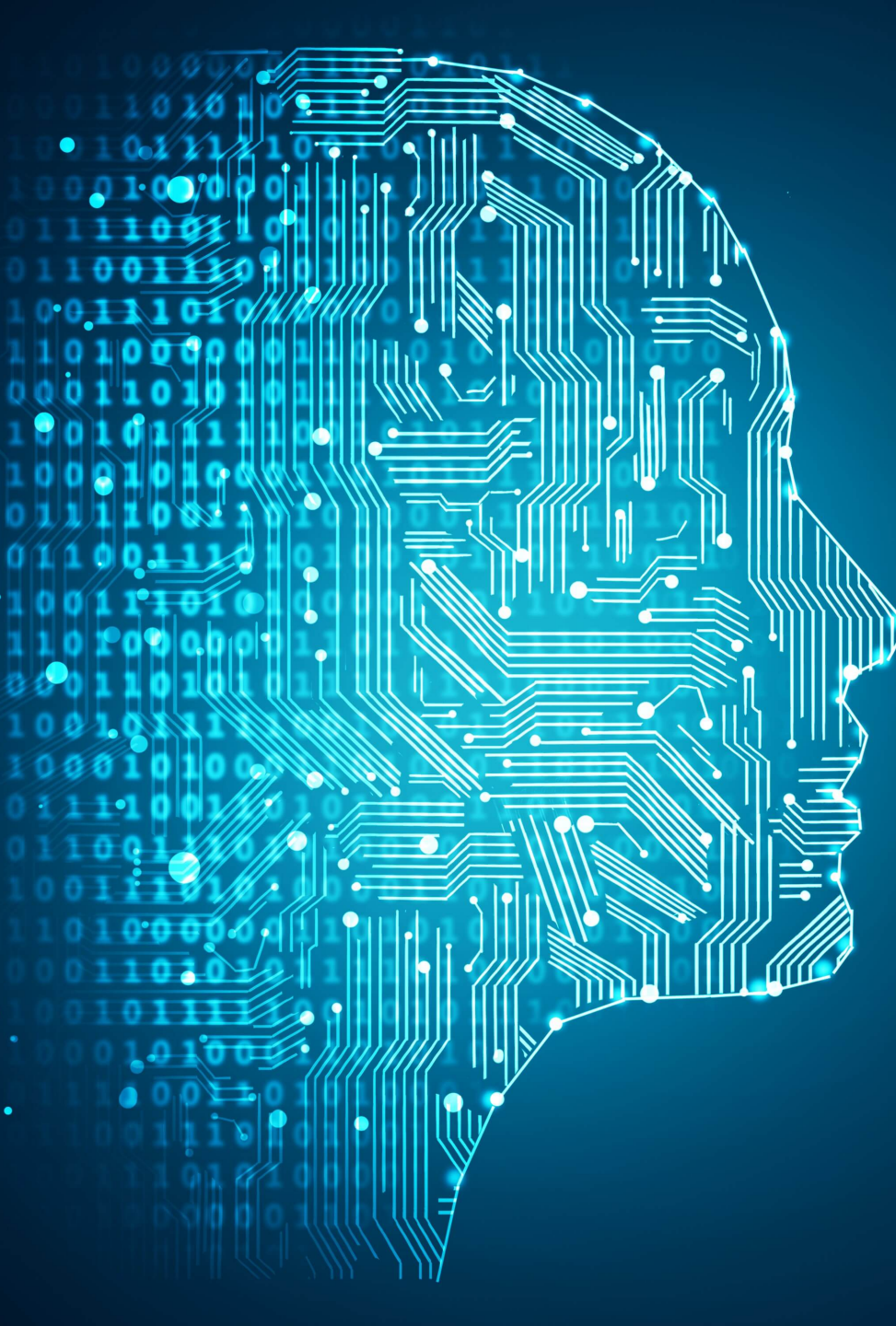
- Emergency flashlight with built-in rechargeable battery
- No external batteries needed
- Solar charged
- Hand-crank for 6 mins to give 1 hour of light
- \$9.49 on Amazon



# Gulplug SelfPlug

- Hands-free charging for electric vehicles
- Automatically plugs/unplugs vehicles
- No installation required
- Compatible with all electric vehicles





# Artificial Intelligence Becoming Commonplace

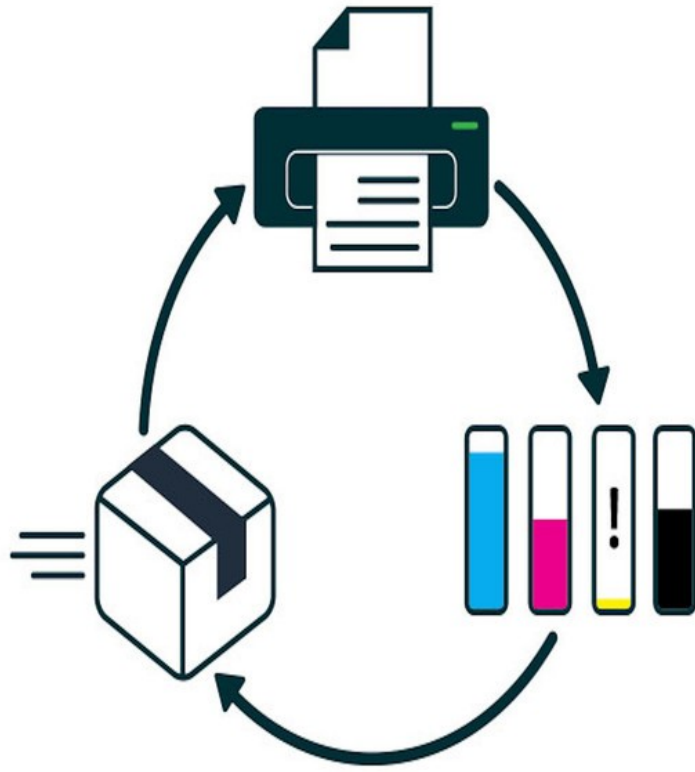
# Echo Flex

- Puts Alexa everywhere & anywhere
- Voice control smart home
- Built-in USB port
- Small speaker
- Use as intercom
- \$19.99
- Amazon

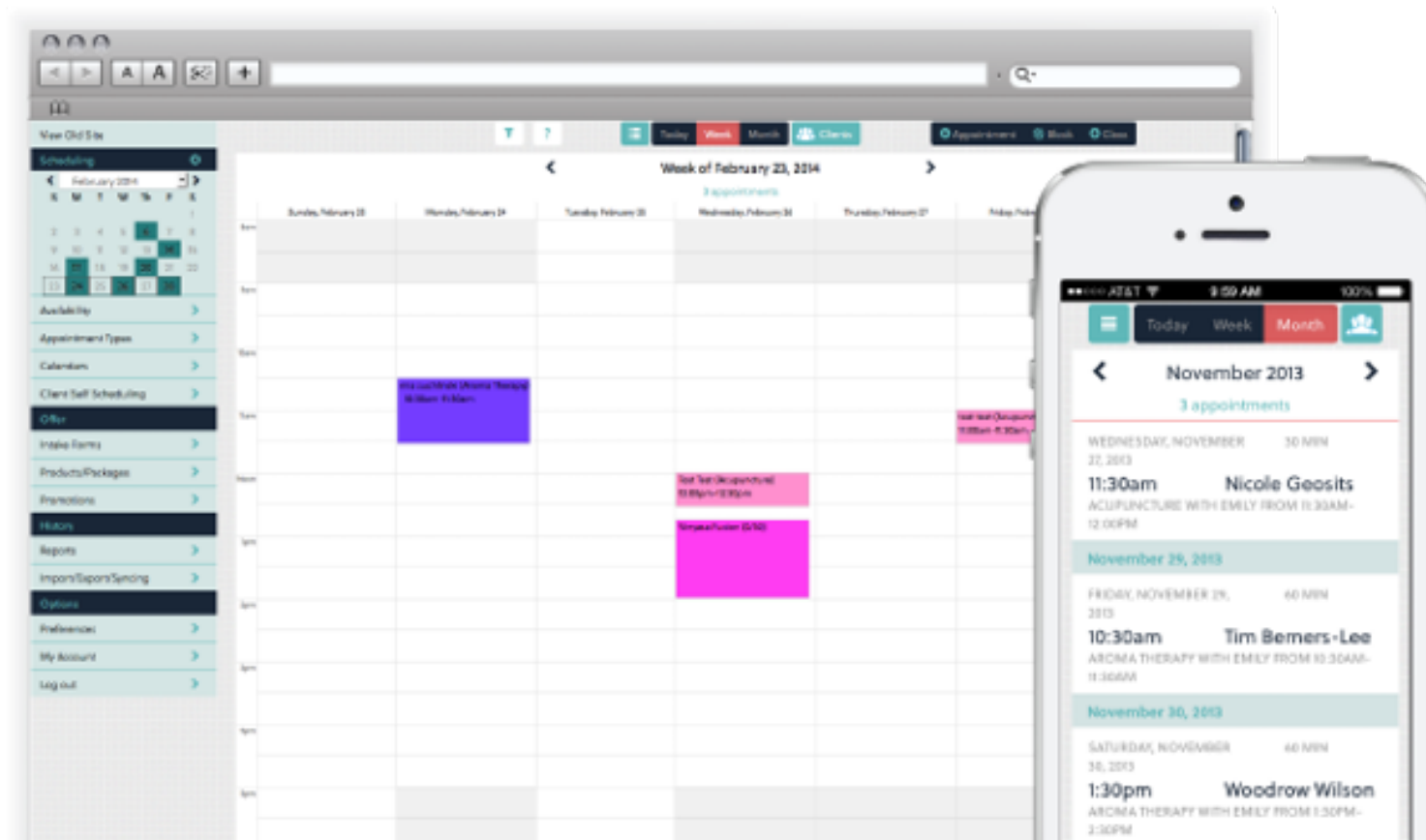




# Amazon Dash



- Smart home re-ordering service
- Set up via connected devices
- Measures consumable product levels (ink cartridges, coffee, laundry soap, etc.)
- Automatically re-orders product
- Amazon.com

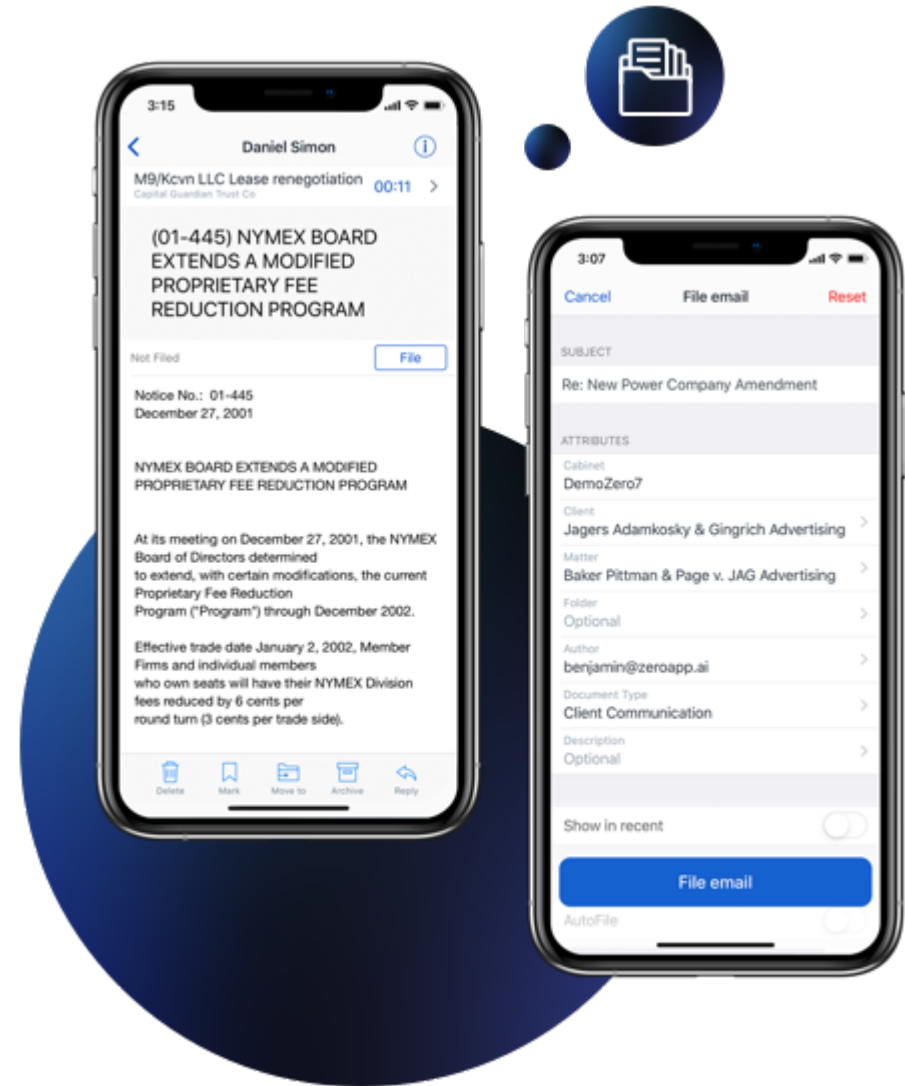


- Online assistant to automate appointment scheduling
- View availability online
- Clients self-book appointments
- Reschedule with a click
- Integrate with website
- Integrate with calendar
- Free & paid versions
- [www.acuityscheduling.com](http://www.acuityscheduling.com)

# Acuity Scheduling

# ZERØ

- AI email management system
- Auto filing of e-mails to client-matter
- Capture billable time on mobile device
- Integrates with NetDocuments & iManage
- iOS app & Outlook desktop
- zeroapp.ai





# Zapier

- Automate workflows
- Connect web apps
- Build your own workflows
- FREE version
- [zapier.com](https://zapier.com)



**TRIGGER**

When I get a new email in **Gmail**



**ACTION**

Copy the attachment from **Gmail** to **Dropbox**

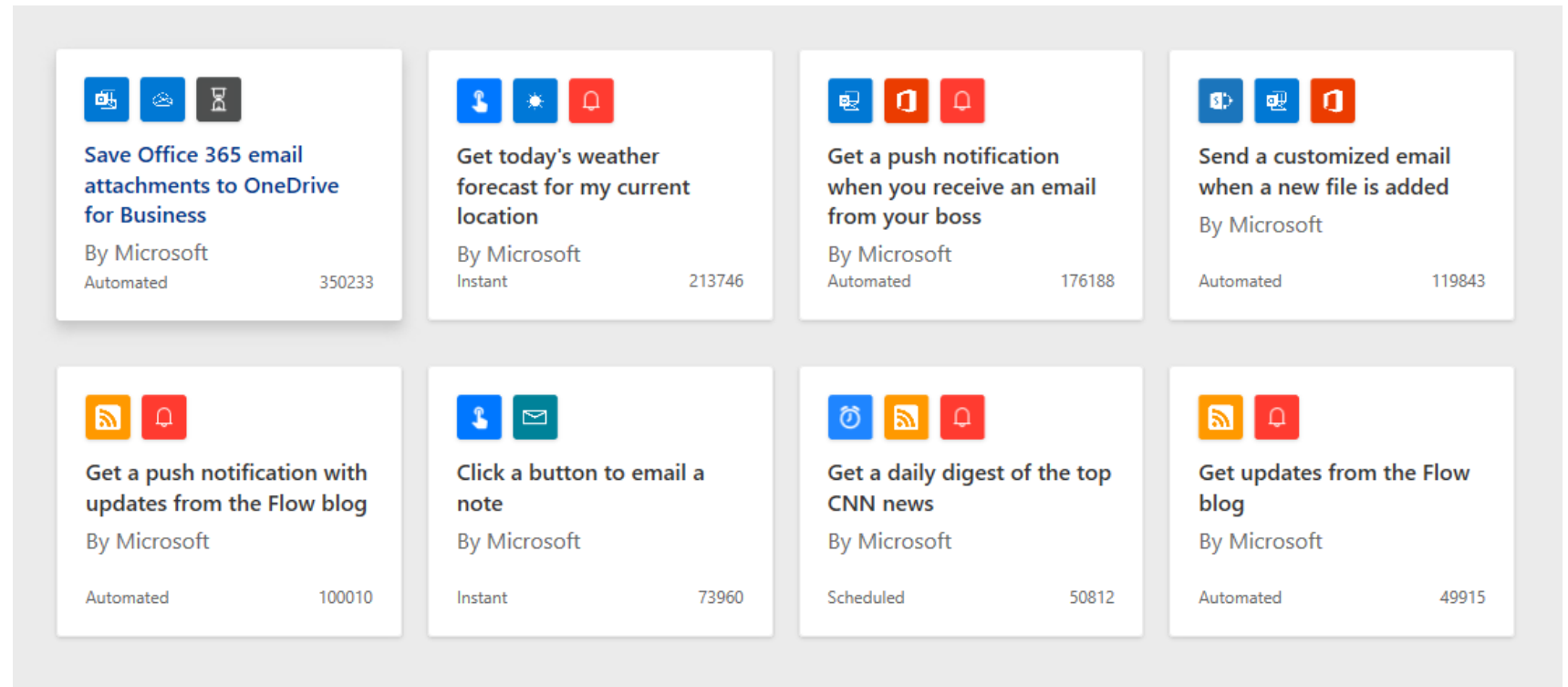


**ACTION**

Alert me in **Slack** about the new **Dropbox** file

# Microsoft Power Automate

- Formerly Microsoft Flow
- Build intelligent automated workflows
- Automate time-consuming tasks
- Use existing templates
- Starting at \$15/month/user
- [flow.microsoft.com](https://flow.microsoft.com)



# LawDroid

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- Chatbot for law firms
- Capture website visitors' interest
- Intake clients with automated conversations
- Customize bot to your firm
- Developed by lawyers for lawyers
- Subscription based
- [lawdroid.com](http://lawdroid.com)







# Privacy & Security Are Essential





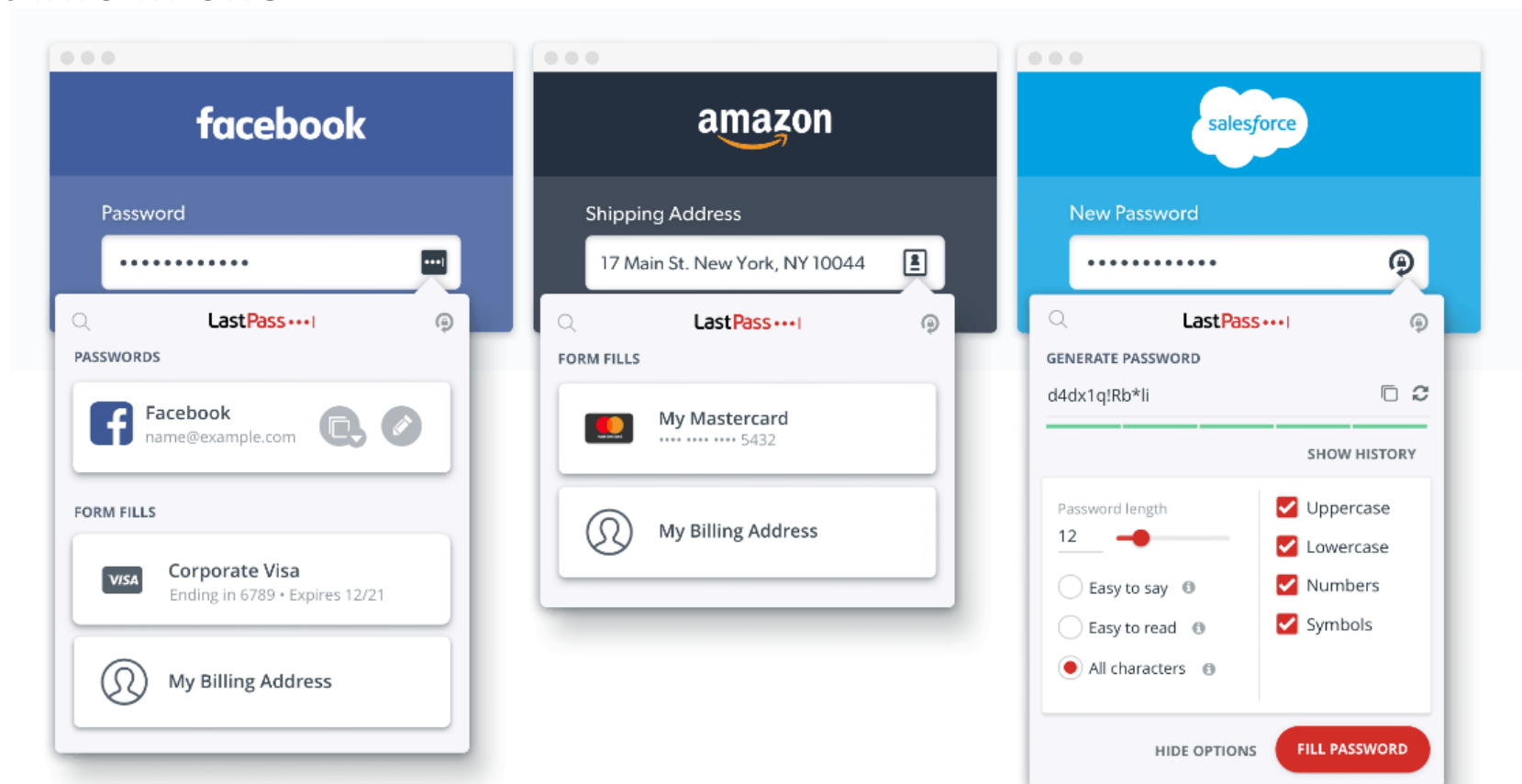
# 2019 Verizon DBIR Report Summary

- As business migrates to the cloud, phishing and credential theft have risen as attack mode
- 94% of malware infections delivered via e-mail
- Users are much more susceptible to social attacks when using mobile devices

# LastPass Premium

- Password manager
- Keep all online account info in one place
- Local-only encryption
- Two-factor authentication
- Sync across all devices
- \$36.00/year
- [www.lastpass.com](http://www.lastpass.com)
- Other top solutions
  - Dashlane
  - LogMeOnce
  - Keeper

LastPass...|







# Lokly

- Encrypted USB flash drive
- Controlled via smartphone app
- Filter hardware attacks via bad USB
- Locked without smartphone
- Data compartments
- Starts at 240 Euros
- [www.lokly.com](http://www.lokly.com)

# Winston Privacy

- Hardware filter alternative to VPN
- Protects privacy online
- Blocks corporate tracking
- Compatible with IoT devices
- Streaming friendly
- \$250
- [winstonprivacy.com](https://winstonprivacy.com)





# Birosign

- Secure authentication
- Connects biological identity with virtual identity
- Real-time validation of signature
- Digital handwriting expert
- [birosign.com](https://birosign.com)





# SecureDrive BT

- USB Drive
- Autolocks on power disconnect
- Wireless unlock via Android/iOS app
- Military-grade AES 256-bit XTS encryption
- Remote wipe
- [www.securedrive.com](http://www.securedrive.com)
- Starts at \$285





Tech Makes  
Work-Life  
Balance Possible

# Drinkworks Home Bar

- Keurig Dr. Pepper & Anheuser-Busch joint venture
- Bar quality drinks in your home
- Prepare cocktails, beers & ciders
- Drink pods
- [www.drinkworks.com](http://www.drinkworks.com)
- Coming 2020
- \$299





# Echo Loop



- Smart ring w/ Alexa
- One-click access to Alexa
- Call top contact with double-click
- \$129.99 on Amazon

# North Focals



- Smart eyeglasses
- Prescription lens support
- Heads-up display
- Display discreet notifications
- Shipping 2020
- [www.bynorth.com](http://www.bynorth.com)

# GIMP

- GNU Image Manipulation Program (GIMP)
- Free, open source image editor
- Free alternative to PhotoShop
- PhotoShop more powerful
- But GIMP is free
- [www.gimp.org](http://www.gimp.org)





# Rocketbook Beacons

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- Convert white board into a smart board
- Reusable adhesive beacons
- Place beacons in corners of white board
- Apps converts photo of white board
- Livestream presentation
- \$15/set
- [getrocketbook.com](http://getrocketbook.com)



# Lexilens

- Reading glasses for dyslexics
- Designed for kids
- No training required
- Compatible with prescription lenses
- Two-day battery
- [www.abeye.tech/lexilens](http://www.abeye.tech/lexilens)



(c) ABEYE 2019

# Moxie Voice by Kohler Konnect



- Smart showerhead speaker
- Voice assistant
- Water by Kohler
- Sound by Harman Kardon
- [www.smarthome.kohler.com](http://www.smarthome.kohler.com)



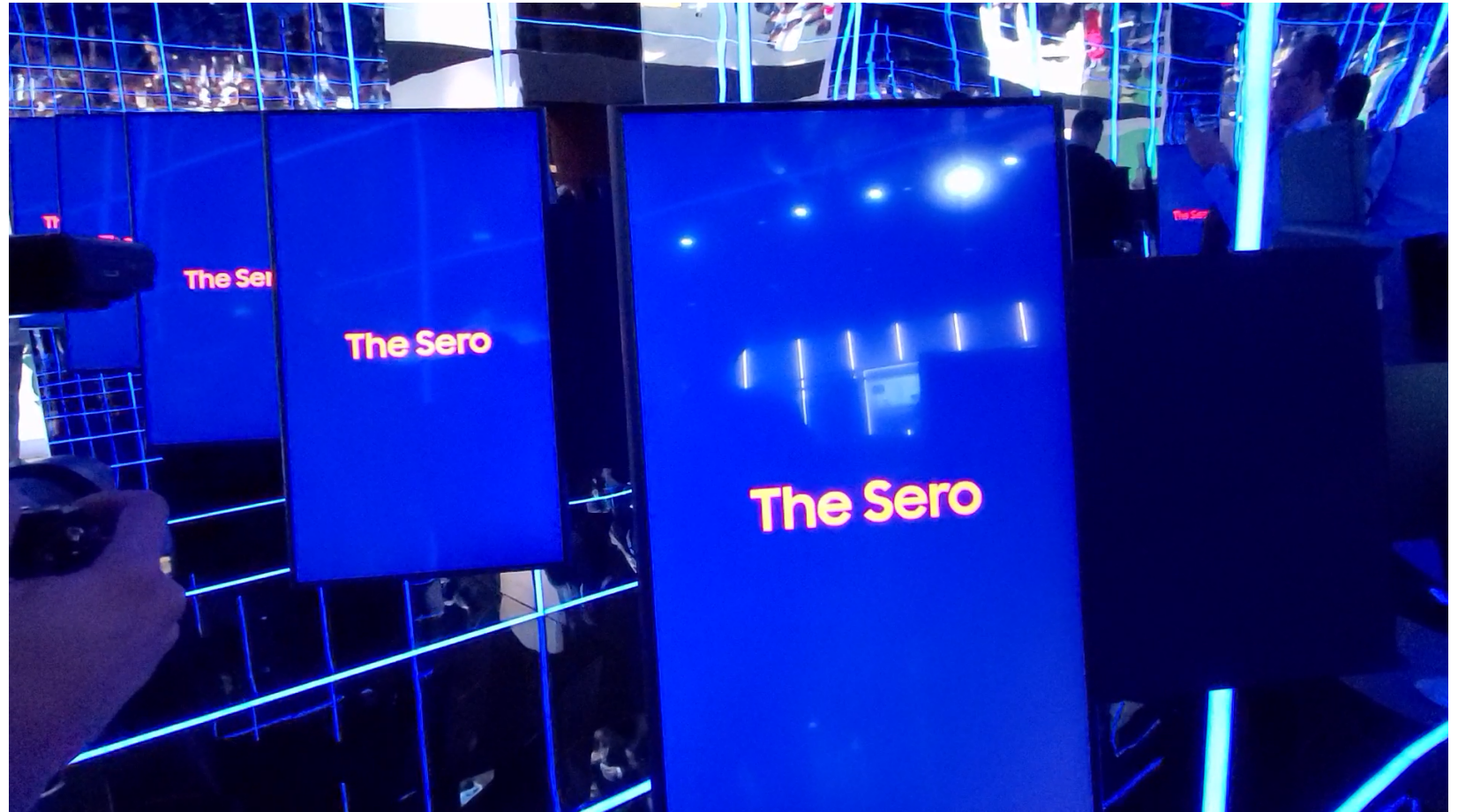


## Surf FM

- Waterproof boombox
- Floats in the water
- Speakers stay above water
- Bluetooth
- Built-in mic to talk on phone
- \$69.99
- [www.ionaudio.com](http://www.ionaudio.com)

# Sero Rotating TV

- 43" 4K TV
- Rotates between portrait & landscape modes
- Mirror phone screen to TV
- Watch portrait video recordings on big screen
- 60-watt speaker in base
- Coming 2020
- [Samsung.com](https://www.samsung.com)





# Manta 5 Hydrofoil Bike

- Enjoy biking experience on water
- Top speed up to 12 mph
- Variable electric assist
- Self-leveling
- Works in salt water
- [manta5.com](http://manta5.com)
- \$7,490





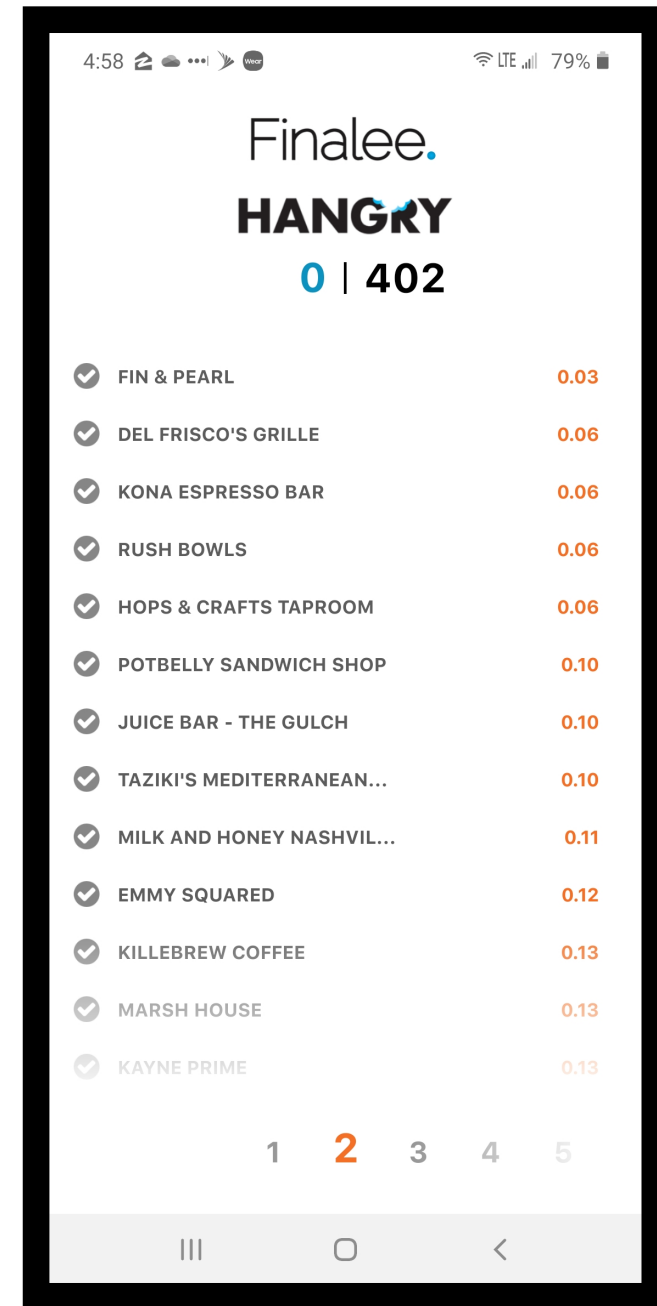
# Roku Smart Soundbar

- Connects to TV via HDMI
- Stream audio via Bluetooth & Roku player
- Voice control remote
- Expand with wireless speakers for surround sound system
- \$179.99
- [www.roku.com](http://www.roku.com)



# Finalee.

- App to search for nearby places
- No ads, no comments, no clutter
- Emphasis on simplicity & accuracy
- Search for places to eat, sleep & play
- Apple & Play stores
- FREE



# Panasonic Yoga Synchro Visualizer





A white Kensington WellView monitor stand is shown in a modern office setting. It is a rectangular base with a flat top surface. An Apple iMac is placed on top of the stand, which is elevated above a white keyboard and mouse. To the right of the stand, a white rectangular device, likely a fan or air purifier, is also visible. The background shows a window with a view of greenery outside.

## Kensington WellView Monitor Stand

- Monitor stand with benefits
- Ergonomic placement of monitor
- Promotes healthy posture
- Interchangeable fan, heater & air purifier
- \$59.99
- [www.Kensington.com](http://www.Kensington.com)

# Prinker Tattoo Printer

- Instant custom tattoos
- Skin safe
- Kid safe
- Waterproof
- Soap-washable
- [www.prinker.us](http://www.prinker.us)
- \$269







# Smacircle S1 Bike

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- World's smallest & lightest e-bike
- Foldable
- Fits in backpack
- Up to 20 mph
- 13-mile range
- 19 lbs
- \$1,399
- [us.smacircle.com](https://us.smacircle.com)





# The Bill & Phil Show

## Thank You

Bill Ramsey  
[ramseywt@nealharwell.com](mailto:ramseywt@nealharwell.com)

Phillip Hampton  
[phampton@logicforce.com](mailto:phampton@logicforce.com)

