Sun City Computer Club

MUG MAC Users Group

January 24, 2024

Questions, Comments, Suggestions welcomed at any time

Even Now

- [Audio recording of this session as MP4 file](#)
- Audio recording available at link shown above

Audio Recording In Progress

- Wake Words

SIG attendees are required to be members of the chartered club sponsoring that SIG.
Sun City Community Association By-law

- # Ever want to be a presenter??

- # Participant???
  Special Interest GROUP

- Apple Users Group
- Leader(s)???
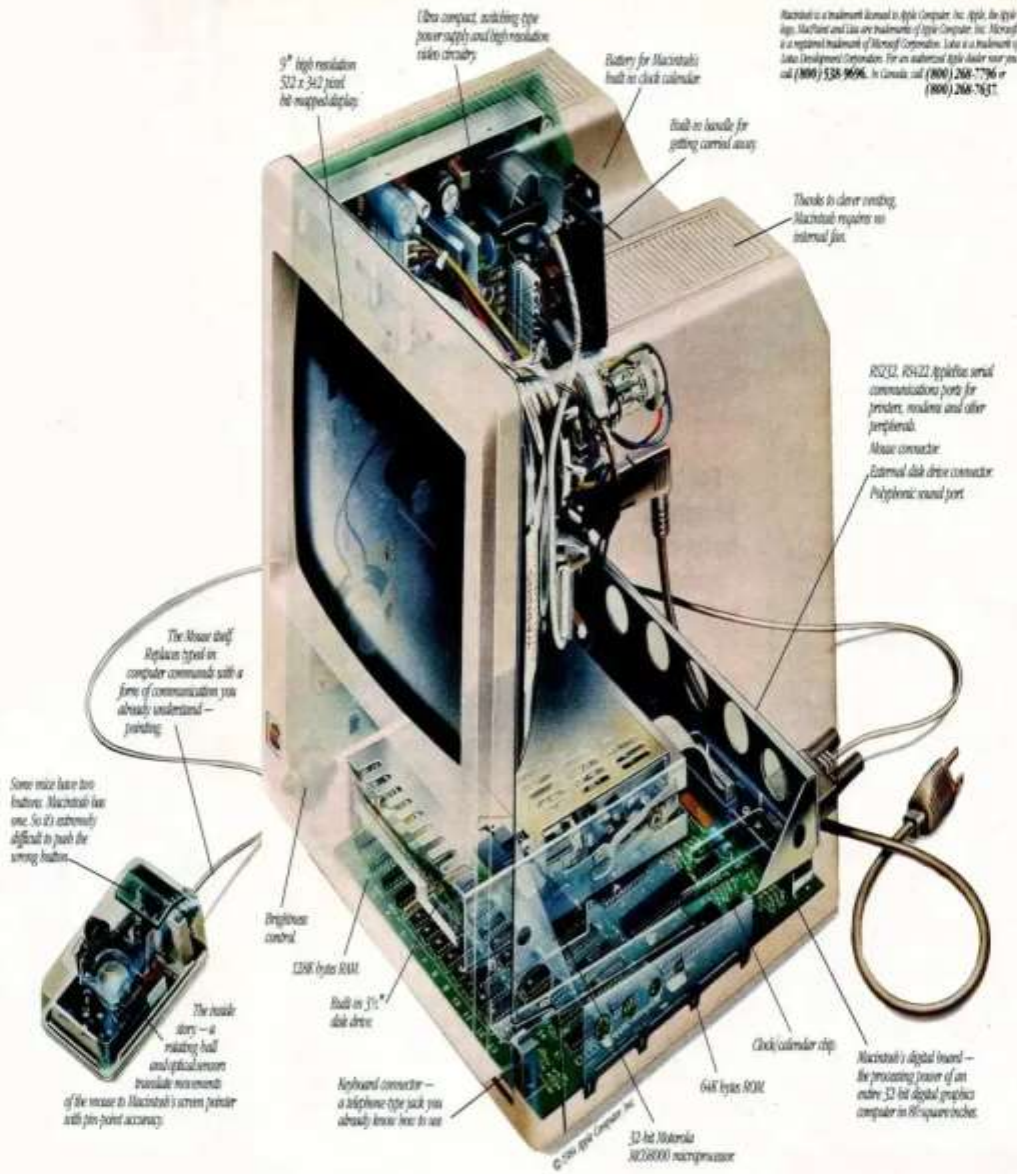- iDevices in MUG   no one wants that

- This presentation is long, feel free to leave zoom
  Catch up on presentation recording

Presenter???

- January 24, 1984
- January 22 Super Bowl
- 128K $2495

Happy Birthdate Macintosh

SCCCCyber

Apple Updates 22-Jan-2024

iOS 17.3, iPadOS 17.3, macOS Sonoma 14.3

The updates are large:

12.43GB for macOS

5.62GB for iPadOS

Updates for iPadOS 16.7.5, tvOS 17.3, iOS 16.7.5, Monterey 12.7.3 and higher, iOS 15.8.1

WatchOS 17.3

And Safari 17.3

0-day vulnerability in WebKit 16Vulnerabilities

- iOS 17.3 and iPadOS 17.3
- iOS 16.7.5 and iPadOS 16.7.5
- iOS 15.8.1 and iPadOS 15.8.1
- macOS Sonoma 14.3
- macOS Ventura 13.6.4
- macOS Monterey 12.7.3
- Safari 17.3
- watchOS 10.3
- tvOS 17.3

Sun City Texas
Community Association

RESIDENT HOME   LIFESTYLE & ACTIVITIES   CLUBS & NEIGHBORHOODS   FITNESS   GOLF   COMMUNICATIONS

My Profile   Account Statements   Resident Directory   My Neighborhood   My Memberships

« ALL CLUBS

« COMPUTER CLUB

MAC USERS GROUP

MEETING NOTES

MEMBER LIST

APPLE STORE DOWN TODAY 19-JAN-2024 PREPARATION FOR VISION PRO ORDERS

Back in a blink.

We're getting the Apple Store ready for
Apple Vision Pro.
Check back after 5:00 a.m. PT.

Apple App Store Updates

- 9-year-old luxury timepiece -> all-in-one medical device
- Legally treacherous
- Potentially profitable
- AFib Falls   aging
- Intellectual property & lawyers
- Wrist & health data

- Yet another life saving story: Delaware student, CO poisoning

- Blood oxygen feature future in U.S.
  Masimo CEO: Apple watch blood oxygen sensor unreliable
  Apple blood oxygen sensor no FDA approval
  Masimo W1 watch does
  Apple disables Apple Watch blood oxygen sensor
  Series 9 and Ultra 2

Apple Watch

iPhone physical keyboard

- iPhone 14 Pro
- iPhone 15 Pro
- iPhone 15 Pro Max
- Increase in screen size
- Increase in size
- MagSafe port

Clicks Keyboard

- iPhone 16,000 feet drop test
  Alaska Air 1282 – the good
  No screen lock Travel details
  baggage claim – the bad
- Doctor saves passenger
  Using borrowed Apple Watch
  from flight attendant

Current Issues

- https://9to5mac.com/2024/01/08/how-i-use-copilot-for-iphone-and-mac-to-live-a-healthier-financial-life/

Copilot Budgeting App

- Apple Magic keyboard firmware update
  Bluetooth pairing vulnerability
  Firmware update version 2.0.6
   Check version
    System settings> Bluetooth
    "i" icon Magic Keyboard

Apple Magic Keyboard

- Yes
- Was 16
- Now (iOS 16) 32

FindMy have a limit?

- Cracked macOS apps drain wallets
- DNS record scripts
- Ventura and later versions
- apple-health.org
- txt files
- Bitcoin Core or Exodus wallets
- Beware wallet app asking for credentials

Cracked macOS apps

- GPU vulnerability M2 MacBook Air
- LeftoverLocals
  - GPUs Apple, Qualcomm, AMD, Imagination

- Get Ready ad

- Pre-orders January 19
- Launch February 2

Vision Pro

- Head Band
- Light Seal
- Facial Scan
- Solo knit band & dual loop band
  Weight distribution
- Light seal & two light seal cushions
- Prescription lenses
  Import from Health App or download

Apple Vision Pro

Apple Vision Pro sizing

- Keynote with Vision Pro support
- Dim
- M2
- 8-core CPU
- 8 or 10 GPU
- Custom R1 chip
- 16GB memory
- 256 GB storage
- Apple Card payments – no interest
- "I want mine now" => success/failure
- Repair costs

Apple Vision Pro

- In Stores Limited time
- Feature dropped?

The phrase "magically replace your ceiling with a clear, open sky" has been replaced by "turn your room into a personal movie theater with the Cinema Environment."

- 150 3D movies, immersive films & series
- Disney+, Max, Amazon Prime, & more

- Photos of users Missing battery pack

Apple Vision Pro

- Failed to sell out on launch day
- 256 GB $3500   back order
- 512 GB $3699
- 1 TB $3899

Vision Pro

Aaron Zollo ✔
@zollotech

Apple Vision Pro is still available the day after launch for 512GB and 1TB models at both of my local Apple stores.

Pickup - In-Store:
Try it on in-store and check the fit with a Specialist
Feb 3 at Apple Birkdale Village

Order today. Delivers to
Mar 4 - Mar 11 — Free

Hide delivery and pickup details ⌃

512GB² $3699 or $308.25/mo. for 12 mo.*

1TB² $3899 or $324.91/mo. for 12 mo.*

- 250 apps

Vision Pro

- January 24, 2024

- AI used to pre-order Vision Pro
- Scalpers & Scammers

visionOS 1.0.1

- <u>S</u>hort <u>M</u>essage <u>S</u>ervice
  cellular network
  160-character limit
- <u>M</u>ultimedia <u>M</u>essage *Service*
  image and video
  Low limit -> compression
- <u>R</u>ich <u>C</u>ommunications <u>S</u>ervice
  Wi-Fi and/or cellular
  HD, read receipts, location sharing, group chat
- iMessage features Apple <-> Apple Blue bubbles
  Apple <-> Android Green bubbles
  Apple "Want blue?, buy iPhone"
  iMessage has all RCS features
- EU regulations, customer demands
  iMessage core service Digital Markets Act
- So, iMessage for Android –or- RCS for iPhone

SMS MMS RCS

- Split
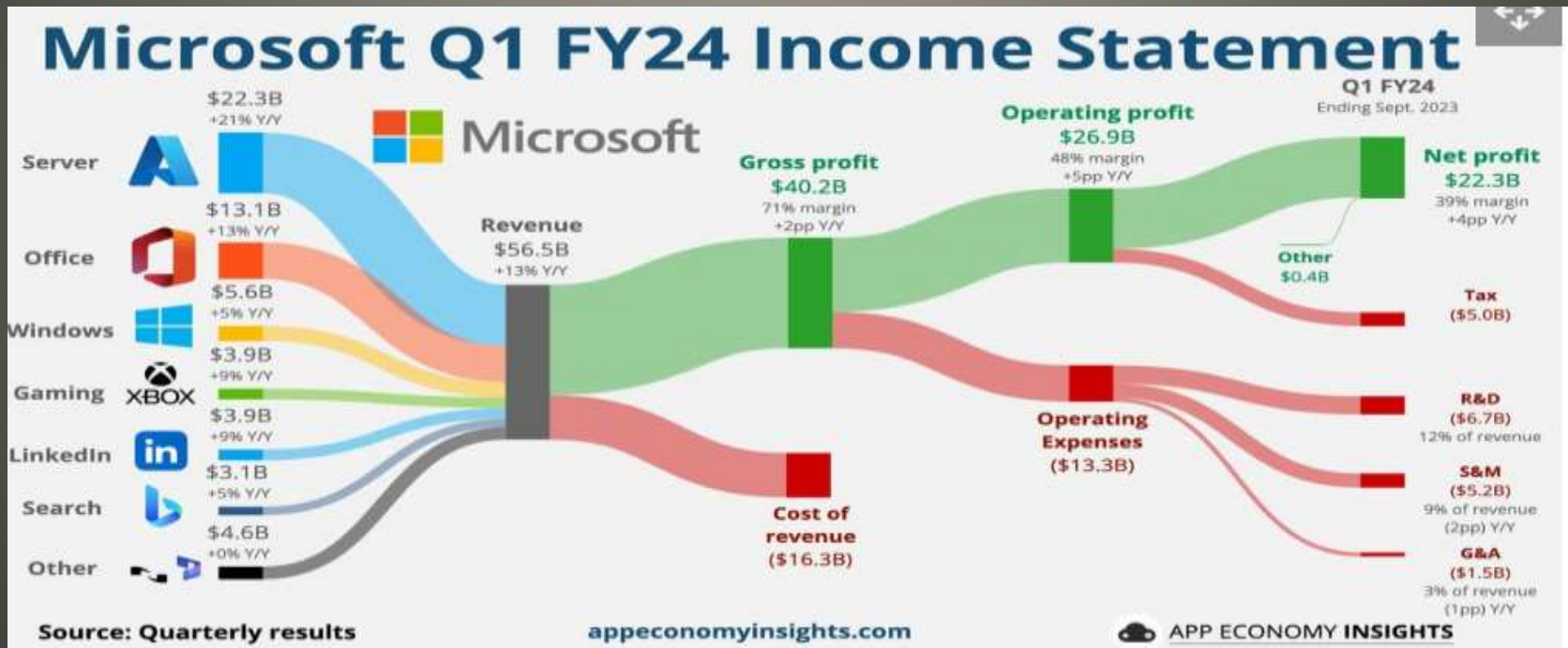- EU regulatory requirements
- March 7
- Digital Markets Act
- App store, Facetime, Siri

Apple App Store

- Top Phone maker 2023
- One fifth global market

Apple passes Samsung

- Most valuable publicly traded company
- Apple's smartphone demand
- AI

Microsoft overtakes Apple

- OLED iPad
- Alternative payments in US App store
   27% commission
- visionOS apps in App store
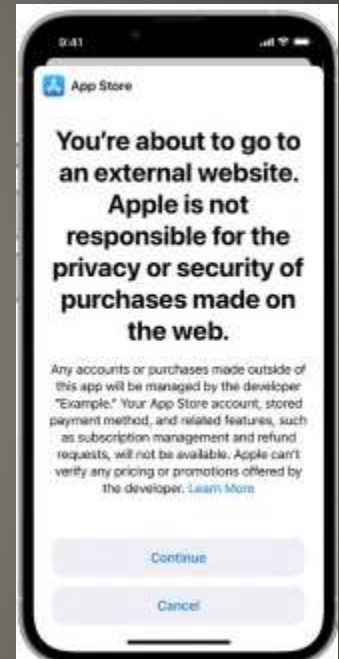
Apple Rumors

- Apple's release notes for iOS 17.3:

- Stolen Device Protection
- - Stolen Device Protection increases security of iPhone and Apple ID by requiring Face ID or Touch ID with no passcode fallback to perform certain actions
- - Security Delay requires Face ID or Touch ID, an hour wait, and then an additional successful biometric authentication before sensitive operations like changing device passcode or Apple ID password can be performed

- Lock Screen
- - New Unity wallpaper honors Black history and culture in celebration of Black History Month

- Music
- - Collaborate on playlists allows you to invite friends to join your playlist and everyone can add, reorder, and remove songs
- - Emoji reactions can be added to any track in a collaborative playlist

- This update also includes the following improvements:
- - AirPlay hotel support lets you stream content directly to the TV in your room in select hotels
- - AppleCare & Warranty in Settings shows your coverage for all devices signed in with your Apple ID
- - Crash detection optimizations (all iPhone 14 and iPhone 15 models)

- iOS 17.3 will likely be released on January 22 or January 23.

iOS 17.3 Release Notes

- Microsoft #1
- Vision Pro Large Product Launch
- Apple Watch
- China iPhone sales (iPhone 15 price drop)
- Developer fury

Apple Issues

- AppleCoin

FAKE

- Apple Event Live: CEO of Apple Tim Cook: Apple and Metaverse
- 2018 CNN video interview with Tim Cook Add logos for Bitcoin & Ethereum

  Covered CNN logo with URGENT NEWS banner
  Links to buy bitcoin and Ethereum SCAM

Apple Event Live – 2022

- Chinese authorities identify senders
- TLS
- Bluetooth & Wi-Fi
- Device logs
- Rainbow tables
- Public Security
- Case solving, spread of inappropriate remarks, bad influences
- Check each end has each in address book
- Limited in China November 2022
- Everyone limit 10 minutes

Apple Air Drop

Watch as a mouse

- Apple Magic keyboard firmware update
  Bluetooth pairing vulnerability
  Firmware update version 2.0.6
  Check version
  System settings> Bluetooth
  "I" icon Magic Keyboard
- Apple Triangulation – lack of press coverage
- Pirated apps on Chinese web sites
Navicat Premium, UltraEdit, FinalShell, SecureCRT, and Microsoft Remote Desktop
  Unsigned macOS

Current Issues

Magic Mouse - Black Multi-Touch Surface

$99.00

Color - Black Multi-Touch Surface

Magic Mouse - White Multi-Touch Surface

$79.00

Color - White Multi-Touch Surface

Magic Mouse

- Magic Mouse is wireless and rechargeable, with an optimized foot design that lets it glide smoothly across your desk. The Multi-Touch surface allows you to perform simple gestures such as swiping between web pages and scrolling through documents.

- The rechargeable battery will power your Magic Mouse for about a month or more between charges. It's ready to go right out of the box and pairs automatically with your Mac, and it includes a woven USB-C to Lightning Cable that lets you pair and charge by connecting to a USB-C port on your Mac.

Magic Mouse

Mouse gestures

For more information about these gestures, choose Apple menu > System Settings (or System Preferences), then click Mouse. There you can turn a gesture off, change the type of gesture, and learn which gestures work with your Mac. Mouse gestures require a Magic Mouse.

Secondary click (right-click)
Click the right side of the mouse.

Scroll
Slide one finger up or down to scroll.[1]

Smart zoom
Double-tap with one finger to zoom in and back out of a webpage or PDF.

Mission Control
Double-tap with two fingers to open Mission Control.

Swipe between full-screen apps
Swipe left or right with two fingers to move between desktops and full-screen apps.

Swipe between pages
Swipe left or right with one finger to show the previous or next page.

- Honda older Accord models
- Dealer Trip

Apple CarPlay update

- Reboot Daily: According to research from Amnesty International and Citizen Lab, Pegasus often relies on zero-click 0-days with no persistence. Regular daily reboots can help clean the device, making it necessary for attackers to repeatedly reinfect, thereby increasing the chances of detection over time.
- Lockdown Mode: There has been several public reports on the success of Apple's newly added lockdown mode in blocking iOS malware infection.
- Disable iMessage and Facetime: iMessage, enabled by default, is an attractive exploitation vector. Disabling it reduces the risk of falling victim to zero-click chains. The same advice applies to Facetime, another potential vector for exploitation.
- Keep Device Updated: Install the latest iOS patches promptly, as many iOS exploit kits target already patched vulnerabilities. Swift updates are crucial for staying ahead of some nation-state attackers who may exploit delayed updates.
- Exercise Caution with Links: Avoid clicking on links received in messages, as Pegasus customers may resort to 1-click exploits delivered through SMS, other messengers, or email.
- Check Backups and Sysdiags Regularly: Processing encrypted backups and Sysdiagnose archives using MVT and Kaspersky's tools can help in detecting iOS malware.

iOS spyware mitigations

- Python scripts -> Shutdown.log
- iShutdown
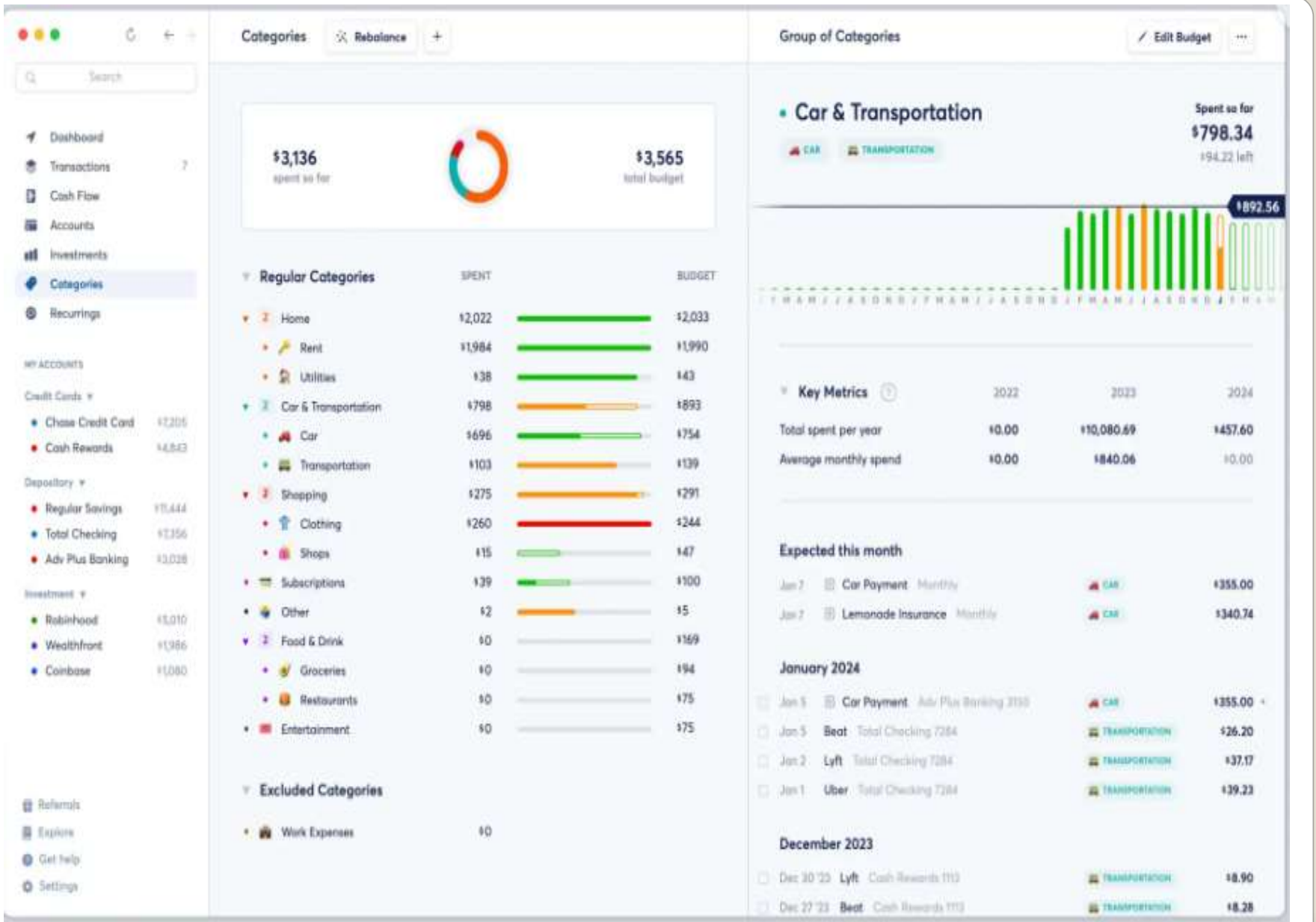- Corporate issued iPhones
- Sysdiagnose.tar

- Lots of reboots

Kaspersky iOS Spyware

- CoPilot Budgeting App
- Link to App
  Bank accounts
  Investment
  Credit Cards
- Give Account access
- Load financial history

Copilot iOS & Mac financial Life

Search

- Dashboard
- Transactions   7
- Cash Flow
- Accounts
- Investments
- Categories
- Recurrings

MY ACCOUNTS

Credit Cards ▾
- Chase Credit Card $7,205
- Cash Rewards $4,843

Depository ▾
- Regular Savings $11,444
- Total Checking $7,356
- Adv Plus Banking $3,028

Investment ▾
- Robinhood $5,010
- Wealthfront $1,986
- Coinbase $1,080

- Referrals
- Explore
- Get help
- Settings

$3,136
spent so far

$3,565
total budget

● Car & Transportation

🚗 CAR   🚌 TRANSPORTATION

Spent so far
$798.34
$94.22 left

$892.56

Regular Categories	SPENT		BUDGET
▾ 2 Home	$2,022		$2,033
· 🔧 Rent	$1,984		$1,990
· 🔋 Utilities	$38		$43
▾ 2 Car & Transportation	$798		$893
· 🚗 Car	$696		$754
· 🚌 Transportation	$103		$139
▾ 2 Shopping	$275		$291
· 👕 Clothing	$260		$244
· 🛍 Shops	$15		$47
· 📺 Subscriptions	$39		$100
· ⭐ Other	$2		$5
▾ 2 Food & Drink	$0		$169
· 🍴 Groceries	$0		$94
· 🍽 Restaurants	$0		$75
· 🎬 Entertainment	$0		$75

Excluded Categories

· 💼 Work Expenses	$0

▾ Key Metrics ⓘ

	2022	2023	2024
Total spent per year	$0.00	$10,080.69	$457.60
Average monthly spend	$0.00	$840.06	$0.00

Expected this month

Jan 7	🗐 Car Payment	Monthly	🚗 CAR	$355.00
Jan 7	🗐 Lemonade Insurance	Monthly	🚗 CAR	$340.74

January 2024

☐ Jan 5	🗐 Car Payment	Adv Plus Banking 3130	🚗 CAR	$355.00 ·
☐ Jan 5	Beat	Total Checking 7284	🚌 TRANSPORTATION	$26.20
☐ Jan 2	Lyft	Total Checking 7284	🚌 TRANSPORTATION	$37.17
☐ Jan 1	Uber	Total Checking 7284	🚌 TRANSPORTATION	$39.23

December 2023

☐ Dec 30 '23	Lyft	Cash Rewards 1113	🚌 TRANSPORTATION	$8.90
☐ Dec 27 '23	Beat	Cash Rewards 1113	🚌 TRANSPORTATION	$8.28

Copilot Intelligence

- Learns from all past transactions
- Predicts future

- PRIVACY
- ACCESS
- LLM training theirs
- LLM training yours

Copilot Budgeting App

- Passkeys linked on iOS device created
- Synch iCloud Keychain

X adds passkeys support to iOS

- None of us are as experienced as all of us
- Awareness, Preparedness, Understanding
- Participate
- Topic Suggestions
- Questions: scccMUG@gmail.com

- Helpful < - > Harmful
- Awareness, Preparedness, Understanding

Computer Club, Help Center, SIGs, Presentations, classes
Cyber Security SIG meetings, NEWSBLOG
Internet

- Questions, suggestions, comments?

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