

# Sun City Computer Club

MUG MAC Users Group

May 24, 2023

**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**

**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??
- iDevices SIG
  - A real need
  - FUN
  - Experienced SIG help
  - Can and has been done remotely
- Until then, iDevices topics in Mac Users Group
- UPDATE? Apple SIG?

**Presenter???**

- iPhone
- Much worse than home burglary
- 18 seconds
- Snatch iPhone from your hand/table/...
- Keychain Bank apps Financial shopping
- Contact, messages, photos, digital life
- Apple ID password changed
- You then can NOT recover - ever
- Recovery key - Apple's proof of Identity
- FindMy
- iCloud backup

# IMPORTANT

<https://vimeo.com/804354706?share=copy>

After CA login with Resident ID

[Cyber Security SIG 2023 Presentations](#)

**Important**

- Computer Club Announcements
- Cyber Security SIG Announcements
- MUG Announcements
- Cyber Security SIG Seminars
- Sun City Computer Club Cyber Blog
- Computer Club Wiki

**Important Resources**

# SCCCyber

Monday, May 22, 2023

## HP Officejet 902x printers Bad firmware

Your HP Officejet Pro model 902x show error 83c0000B?

HP now indicating a bad firmware update from May 8 may be the problem.

No current update as to when to expect a fix.

Posted by John Jenkinson at 12:34 PM No comments 

## SOME Asus routers experience outages May 22, 2023

Asus routers may or may have experienced internet access outages recently. The outage is due to a corrupt ASD file from an automatic update. Updates enables or not.

Impacted routers should return to normal operations.

If not, save the router settings, then factory reset.

Posted by John Jenkinson at 10:16 AM No comments 

Saturday, May 20, 2023

## KeePass Vulnerability Master Password retrieved from memory

Unpatched (so far) KeePass exploit

Helps retrieve cleartext master password

Retrieves from memory

So even with database locked

CVE-2023-3278

Just memory access / memory dump

process dump, swapfile, hibernation file, ...

Windows, macOS, Linux,

2.63.1 and older are vulnerable

Version 2.64 should fix the issue

BUT

KeePass master password may still exist in memory

BEWARE of apps that can dump/access memory

Blog Archive

▼ 2023 (34)

▼ May (8)

HP Officejet 902x printers Bad firmware

SOME Asus routers experience outages

May 22, 2023

KeePass Vulnerability Master Password retrieved f...

CISA issues Samsung device exploration file

Apple Updates Everything Update:

iOS 16.5 iPadOS 16.5 macOS Ventura

13.4 tvOS 16.5 ...

Mozilla releases Security Updates for Firefox and ...

Apple Rapid Security Response released today May 1 ...

► April (8)

► March (9)

► February (8)

► January (3)

► 2022 (70)

► 2021 (53)

► 2020 (56)

► 2019 (28)

► 2018 (67)

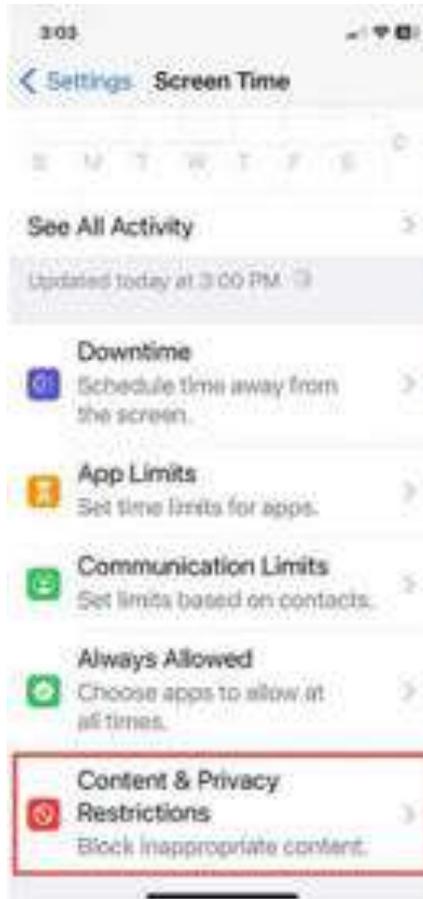
► 2017 (62)

► 2016 (18)

- Screen Time
- A preventative measure designed for minors
- Preventative Measure

**Important iPhone Protections**





- Awareness
- Preparedness
- Understanding

**Important Measure  
Not the ONLY measure**

- iOS 16.5 iPadOS 16.5 macOS Ventura 13.4 tvOS 16.5 watchOS 9.5 iOS 15.7.6 macOS Monterey 12.6.6 and Safari updates available today May 18
- Very Unusual Thursday release?
- Patch ability access contacts lock screen
- Apple App Store after updates
- Apple Lightning USB 3 Camera adapter problems

**Apple Updates Everything**



- Released today May 24, 2023
- Some framework for iMessage Contact Key Verification

**iOS 16.6 iPadOS 16.6 macOS 13.5**

- Constant connection
- Contains your life information
- Can deliver information
- Can receive information
- 24x7
- Wait, are *they* after *me*?
- Attempts to logon to your AppleID
- Popups, notifications, messages, ...
- Gather evidence
- **Screen Recorder**  
Not all apps allow screen recording

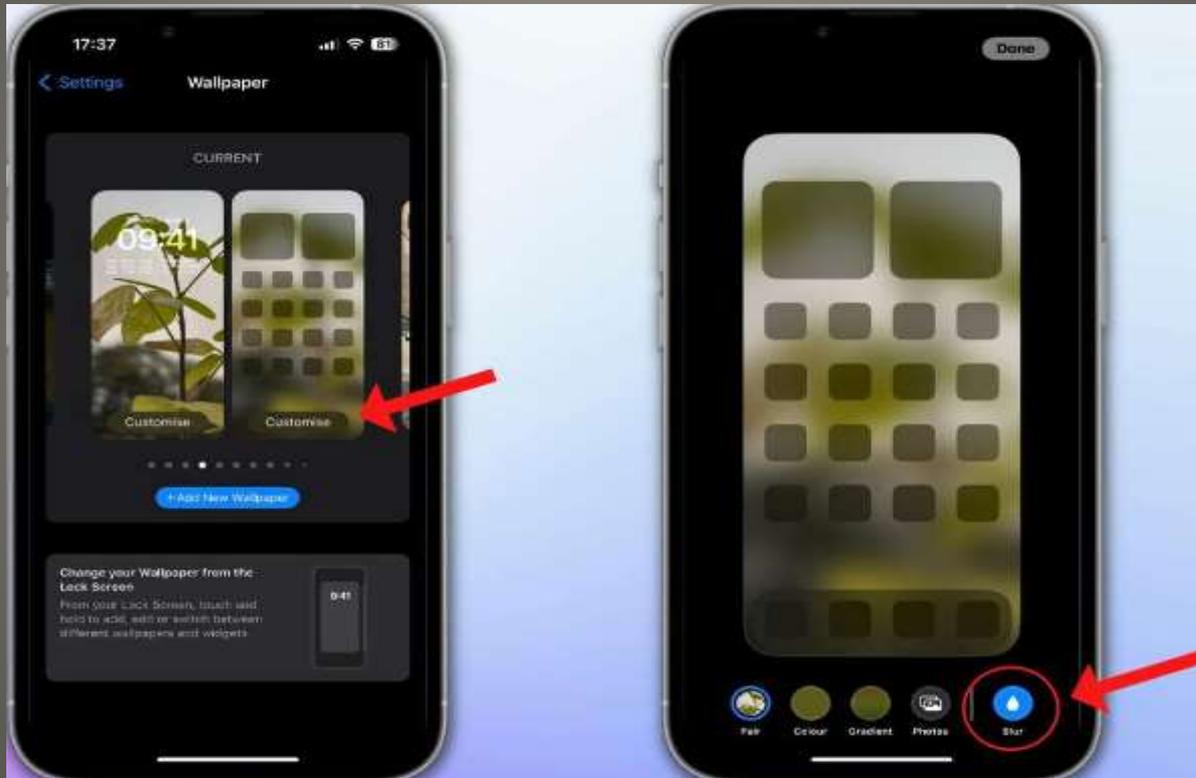
**Smartphone**

- Add Screen Recording to Control Center  
Settings > Control Center +Screen Recording

**Screen Recording for evidence**



- Blurry after setting Lock and Home screen
- Apple default to focus



**Home Screen blurry?**

- CISA order
- All Federal Civilian Executive Branch Agencies
- Patch all Apple devices by June 12

- Text Replacement
  - Words with special characters?
  - Technical terms
  - Uncommon spellings?

Settings > General > Keyboards > Text Replacement



**Tips?**

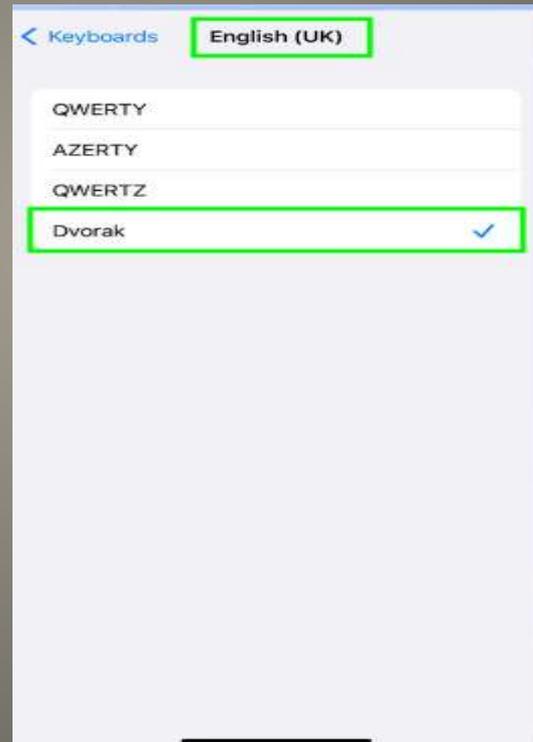
- Voice Memos
- Record button Start
- Record Button Stop
- Rename
- Play back

**Tips?**

- Quick Notes
- Consider adding to Control Center
  
- Drag & Drop
- Text & Files between apps
- Tap and hold
- Swipe to destination app
- Move to destination (app)
- Release

**Tips**

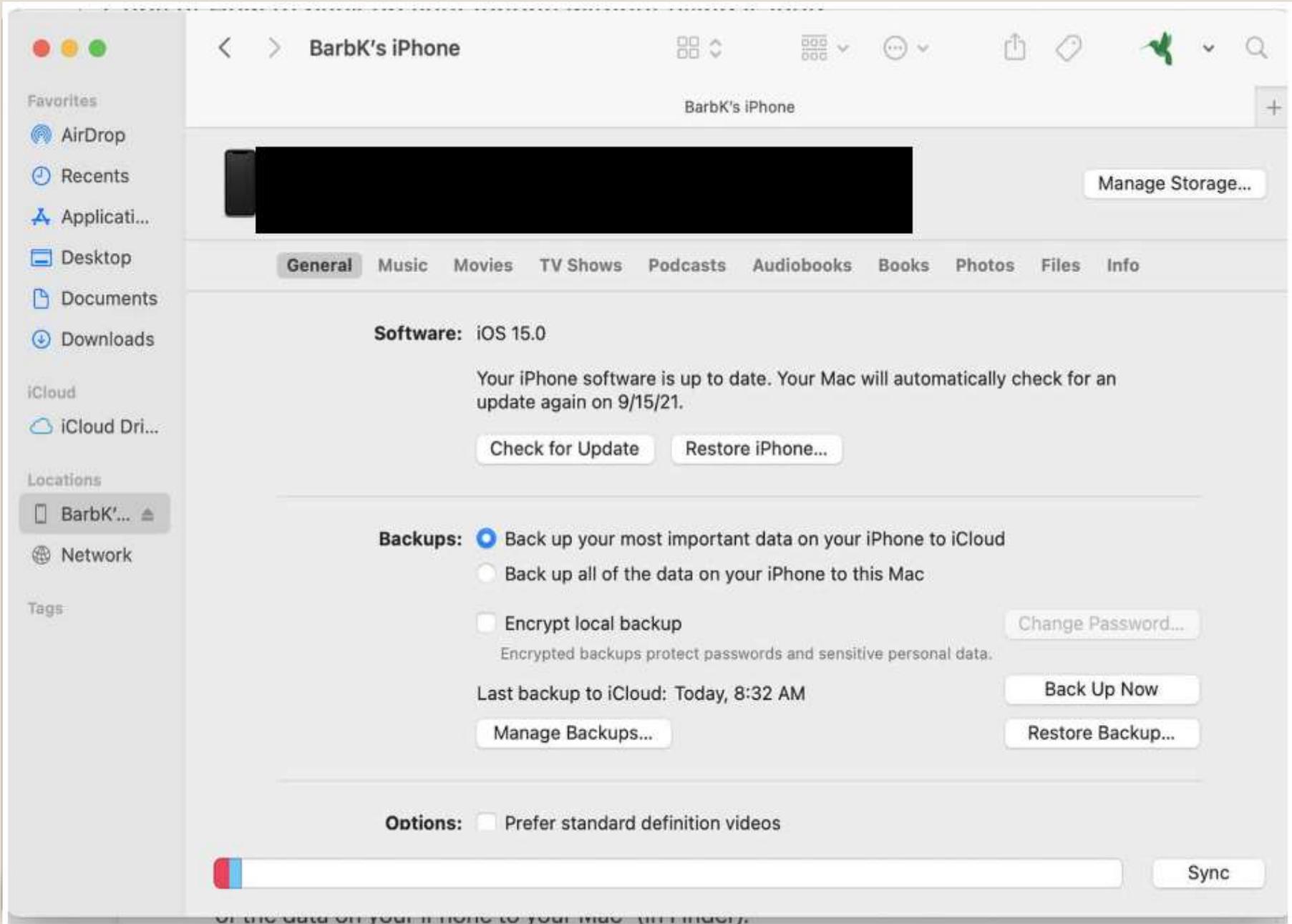
- Another keyboard
- Settings > General > Keyboards



**Tips**

- iCloud
- Mac

**Backup iDevices**



- iCloud

- Mac

- PC

iTunes

Cloud

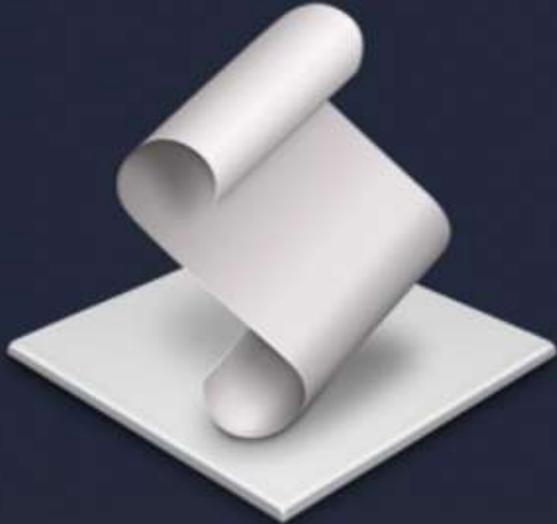
Third-party

**Backup iDevices**

- June 5-9
- MacBook
- Headset with virtual reality / augmented reality  
xrOS Extended Reality
- Reality Pro headset
- Interface to Apple personal infrastructure
- Toggle AR/VR mode
- Health & wellness
- Gaming
- Immersive books & storytelling
- VR versions of common apps GPT

**WWDC**

- Modified to attack macOS



许一晴的简历\_20230320.app

Version 1.0

com.apple.ScriptEditor.id.1223

Apple Silicon — 64-bit

Intel — 64-bit

Copyright —

213 KB

Last modified Mar 23, 2023 at 4:57:39 AM

App Sandbox  Not enabled

Hardening  Not enabled

Notarization  None detected

Gatekeeper  Can't evaluate

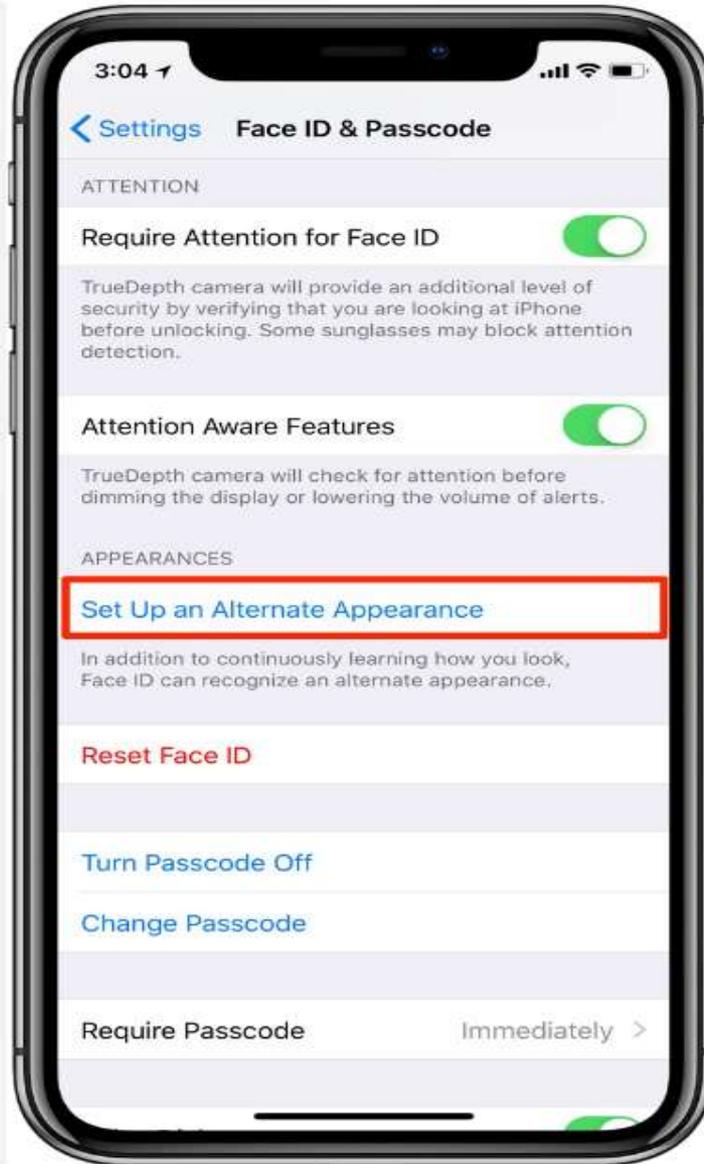
Signed By  Ad-hoc signature

Open With Apparency

**Goland Cobalt Strike variant**

- Share iDevice with FaceID?
- One (1) *Alternate Appearance*
- Partners
- Child's access
- Settings FaceID & Passcode

**Apple Face ID**



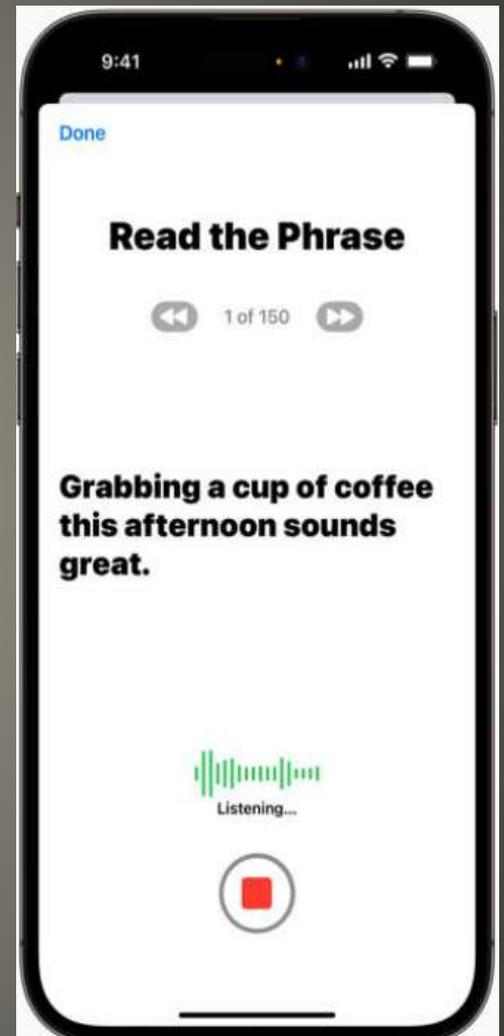
- Implies use of owner of AppleID & iDevice
- Thus, Safari history, autofill, ...



**Alternate Appearance CAUTIONS**

- Personal Voice
- Randomized text prompts
- 15 Minutes of “training”
- On Device AI
- Live Speech
- Accessibility
- Helpful <-> Harmful
- Exact 15 phrases for training
- On device only

iPhone



- Widgets?

**watchOS 10**

- iPhone 14  
either side of Dynamic Island
- iPhone X  
either side of notch
- Other

**iPhone scroll to the top**

- iCloud Keychain
- Credit Card data
- Cryptocurrency wallet
- Browser cookies
- weed.dmg
  
- Keep Up to Date
- Only install from trusted sources

**MacStealer**

- iCloud Keychain
- Credit Card data
- Cryptocurrency wallet
- Browser cookies
- Notion-7.0.6.dmg
- Photoshop cc 2023.dmg
- Tor Browser.dmg

More and More targeting macOS

- Keep Up to Date
- Only install from trusted sources

# Atomic macStealer

- Performance
- Third-party app stores
- iOS like lock screen
- Third-party browsers use own engines  
Not WebKit
- New Control Center

**iPadOS 17**

- Safari Settings > Websites > Popups  
Block & Notify      Whitelist as needed

**Popups**

- Not in App store!
- Search engine for your life
- A lot of information in a lot of places
- Monitor & memorize everything see, hear, say
- Soon to use ChatGPT
- Free, \$10/mo, \$30/mo

**Rewind**

- Apple infrastructure  
Memoji, Read receipts, answering dots, ...  
Problem?

Ensure MMS Messaging and Group Messaging On  
Blocked Number?

Storage full?

Carrier Update?



# iMessages from Android Users

- Apple TV app

Apple TV+

MLS Season Pass

Friday Night Baseball

FAST services Free Ad-Supported TV

App supported Tubi, Pluto, Roku channel

Amazon Fire TV Google TV

**Apple TV**

# Connect More Streaming Apps

The A&E logo is displayed in white on a black background.

A&E



[adult swim]

The AHC GO logo has "AHC" in red and "GO" in blue on a white background.The albk logo consists of the lowercase letters "albk" in white inside a black square.The amc logo is in white lowercase letters inside a white square on a black background.The amc+ logo is in white lowercase letters inside a white square on a blue background.The BBC AMERICA logo has "BBC" in white and "AMERICA" in red on a black background.The BE I STAR logo has "BE" in white, "I" in black, and "STAR" in white on a black background.The BET+ logo is in white uppercase letters on a pink-to-purple gradient background.The brit logo is in white lowercase letters on a blue background.The CBS eye logo is in white on a blue background.The CBS eye logo is in white on a blue background.The CBS eye logo is in white on a blue background.

Connect Pluto TV and 32 other apps to the Apple TV app.

HBOMAX

pluto TV

hulu

peacock



freevee

SHOWTIME  
ANYT

In Apple TV app, you'll get one watchlist and personalized recommendations for all of the apps you've added.

Pluto TV and 32 other apps will share what you watch with Apple using the Apple ID "phil@nickinson.net".

See All Your Participating Apps

Connect

Not Now

**Cast from iPhone / iPad**

- Alternative
- Dell 32" 6K Monitor
- U3224KB \$3199      Apple \$4999
- Built-in 4K HDR webcam
- KVM Switch
- Dual 14W speakers
- Echo cancelling microphones
- USB C and USB A ports
- Thunderbolt 4 connector with 140W of power

**Apple 32" Pro Display XDR**

- 3 Ways?
- Wireless AirPlay and/or screen mirroring
- AirPlay via media players
- screen mirroring your iDevice whole screen

AirPlay needs the TV's support for Air Play 2

<https://www.apple.com/uk/apple-tv-app/devices/>

Play video in iDevice    Connect both to same WiFi  
Control Center    AirPlay



**iDevice connect to TV**

- Screen Mirroring

Control Center > Mirror icon

Text box for code from TV (or display)

Control Center > Mirror icon to end



**iDevice connect to TV**

- Wired

Lightning to HDMI (or similar)

Better quality Better security

Select which HDMI Input

- Streamer

Apple TV, Amazon Fire, Comcast, Google TV, Roku, ...

AirPlay compatible or App download

Option(s) best for you

4K & AirPlay

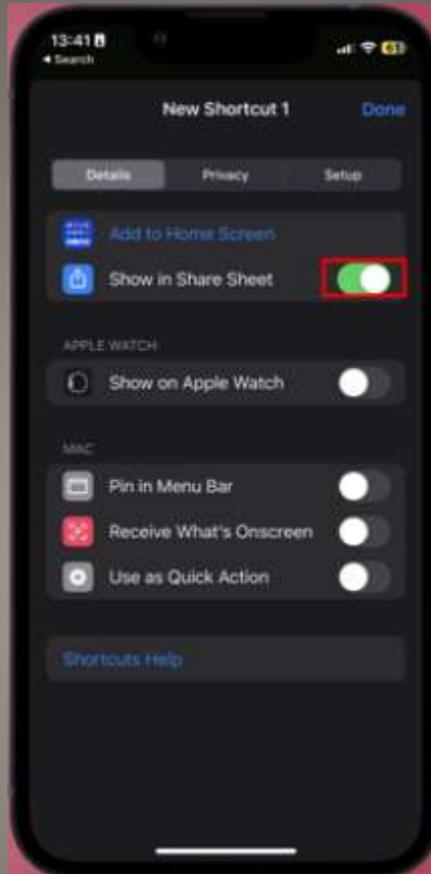
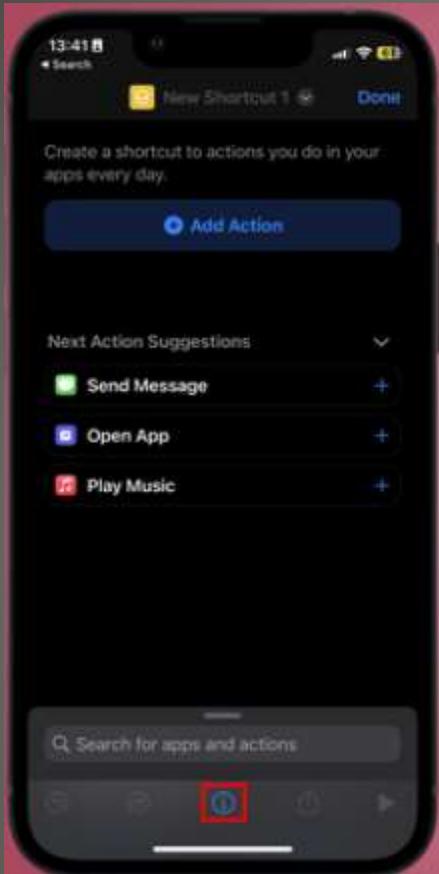
**iDevice connect to TV**

- Best USB-C and Thunderbolt displays for MAC

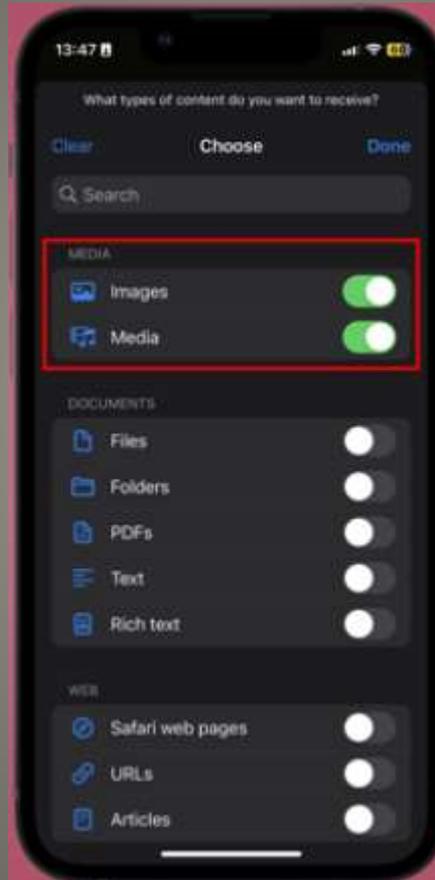
**9to5Mac**

- Shortcuts
- Hefty iDevice
- Lift Subject from Background Feature  
Create shortcut  
Turn on Share Sheet setting  
Change variables within input and Overlay

**Overlay Images iDevice**

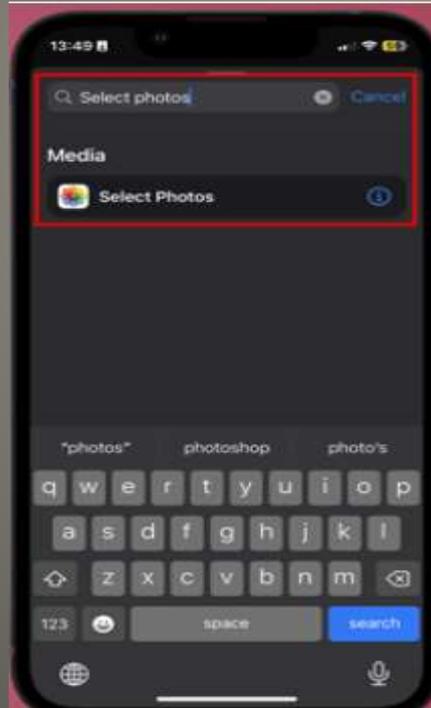
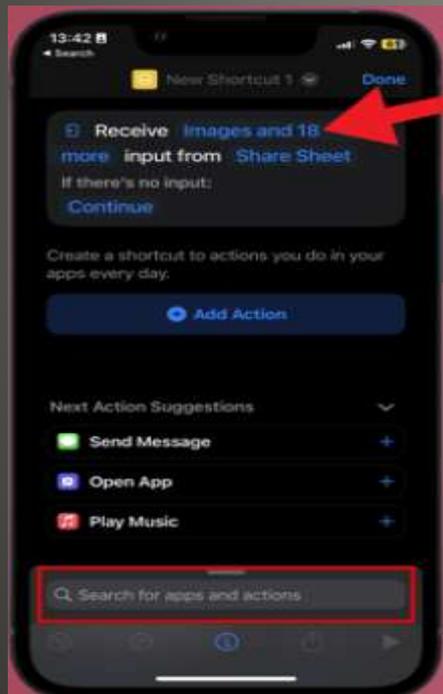


- Select File Formats

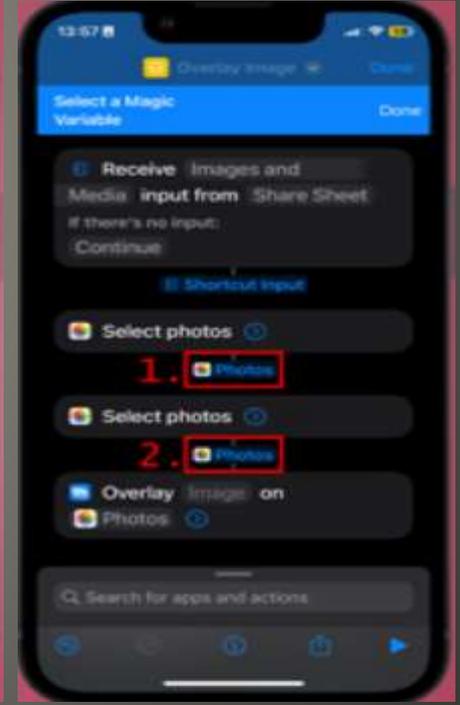
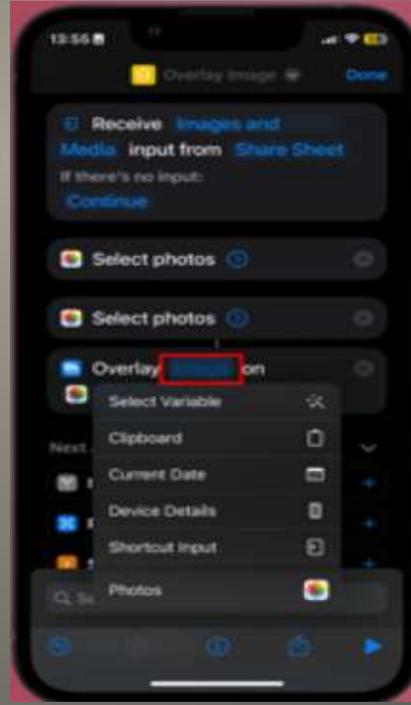
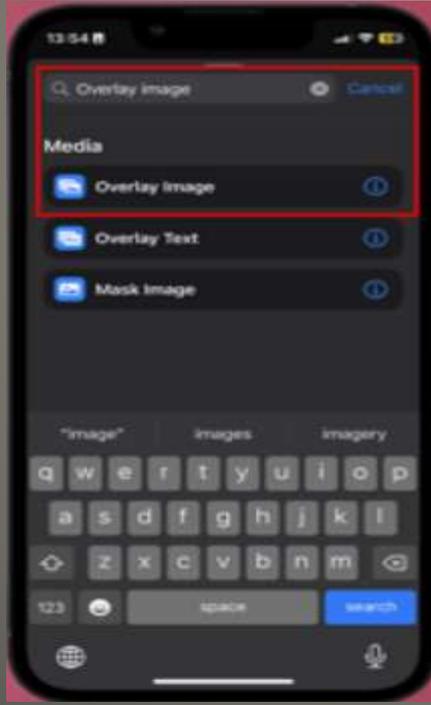
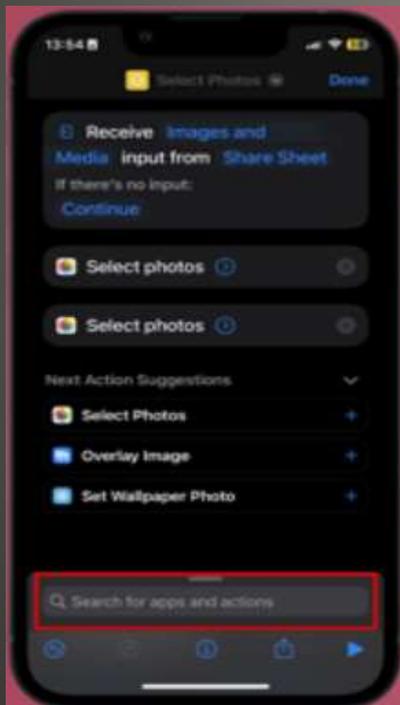


**Return to New Shortcut page**

- Select Any Images and More
- Turn Off every media format  
*Except* Images and Media
- Add two Select Photos actions for shortcut



- On New Shortcut  
Select Add Action  
Select Photos  
Add another Select Photos action



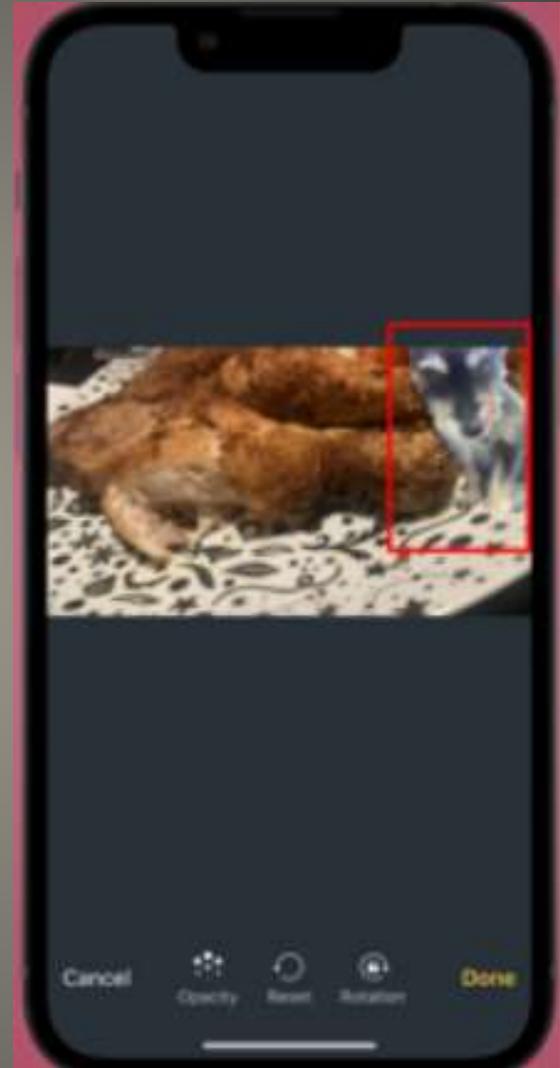
- Add Save to Photo Album action



# • Rename Shortcut & Test



# Reposition & Size



- [Best Hidden Feature You Must Know! Overlay Images on iOS 16 #Shorts – YouTube](#)
- [Overlay Images on iOS 16 \(Without Any Apps\)#shorts - YouTube](#)

**Some YouTube tutorials**

- Bann on other platforms
- Several AI acquisitions
- Bobcat for AppleTV

**Apple & AI**

- Attacker with physical access to iPhone
- Scan QR code on PC Monitor with victim iPhone
- View call history, iMessages, Notifications
- iPhone owner unaware
- Bluetooth settings "Forget device"
- Notifications on PhoneLink, not on iPhone

**Windows PhoneLink iOS**

- Pride Celebration wallpaper
- Sports Tab in Apple News
- My Sports Scores and Schedule cards – Apple News

**iOS 16.5 iPadOS 16.5 features**

- Charges Apple users more than Android users

**DOORDASH**

Order Details

**Panera MP (203595 - Georgetown Boulevard - Eldersburg MD)**

Panera Bread, 3300 Georgetown Blvd, Eldersburg, MD 21784, USA  
April 27, 2023 at 8:38 AM

[Download Receipt](#)

Redacted iPhone User 1  
Standard Account  
Redacted Address 1

Order Details

1x Avocado, Egg White, Spinach & Cheese on Sprouted Grain Bagel Flat	\$6.09
1x Chocolate Chip Bagel Sweet in Hat	\$1.99
<b>Subtotal</b>	<b>\$7.98</b>
Delivery Fee	\$8.99
Expanded Range Fee (0)	\$0.99
Service Fee (0)	\$1.00
Estimated Tax (0)	\$0.48
Cashier Tip	\$2.50
<b>Total</b>	<b>\$22.94</b>

[Get \\$10 off Invis Friends](#)

**iPhone User 1**

**DOORDASH**

Order Details

**Panera MP (203595 - Georgetown Boulevard - Eldersburg MD)**

Panera Bread, 3300 Georgetown Blvd, Eldersburg, MD 21784, USA  
April 27, 2023 at 8:39 AM

[Download Receipt](#)

Redacted Android User 1  
Standard Account  
Redacted Address 1

Order Details

1x Avocado, Egg White, Spinach & Cheese on Sprouted Grain Bagel Flat	\$6.09
1x Chocolate Chip Bagel Sweet in Hat	\$1.89
<b>Subtotal</b>	<b>\$7.98</b>
Delivery Fee	\$8.99
Service Fee (0)	\$1.00
Estimated Tax (0)	\$0.48
Cashier Tip	\$2.50
<b>Total</b>	<b>\$22.95</b>

[Get \\$10 off Invis Friends](#)

**Android User 1**

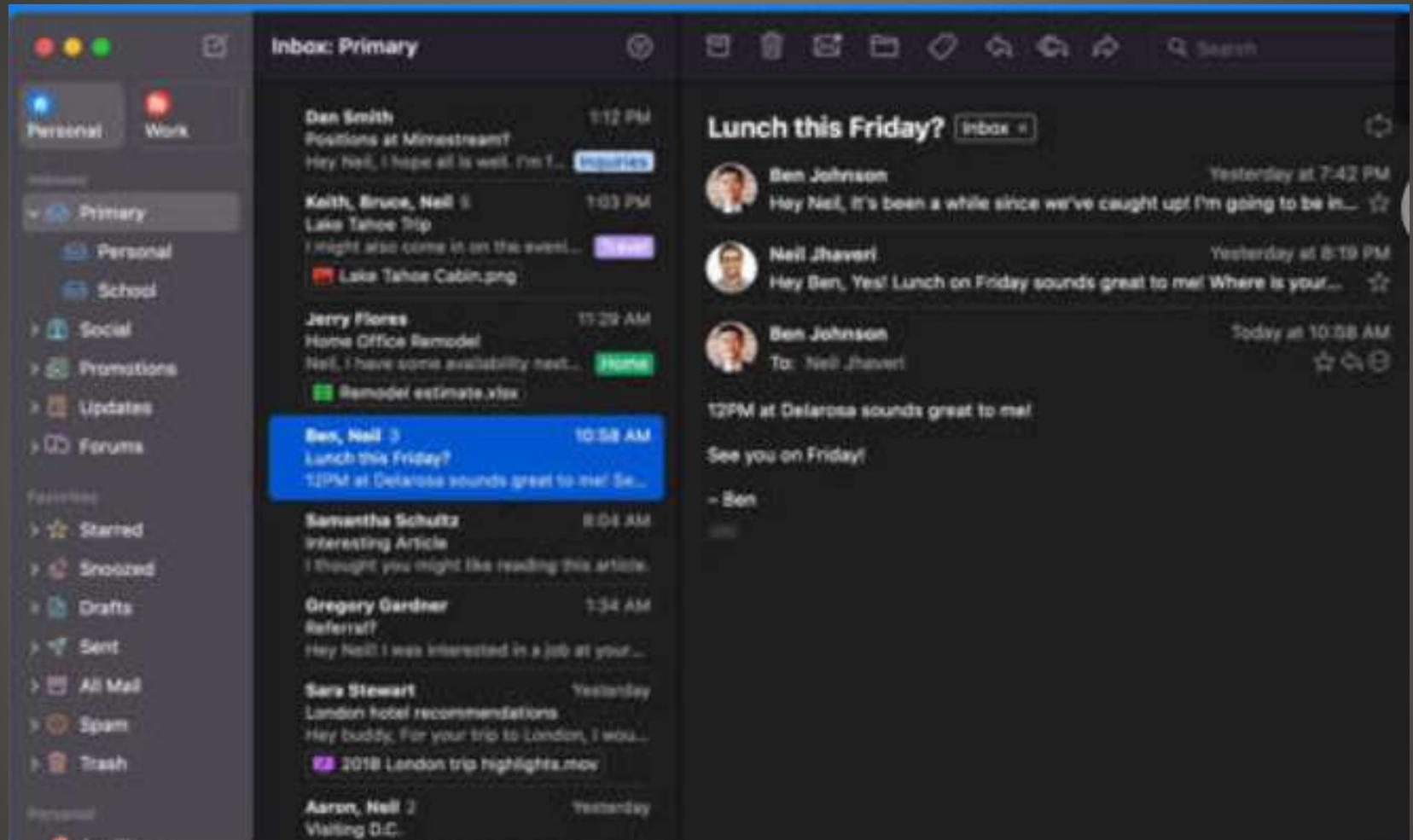
**DoorDash**

- Pride Celebration watch face
- BUT green/gray tint



- Mine not noticeable affected, yours?

**watchOS 9.5**



**Mimestream Mac App Gmail**

- Year-long beta
- Gmail API
- Subscription \$50/year

**Mimestream**

- OpenAI ChatGPT connected to Internet
- ChatGPT gets plugin support
- ChatGPT gets Apple App store app
- Microsoft Bing ChatGPT-4 available  
No waitlist No account needed
- Google I/O all about AI
- Google Bard available w/o waitlist
- No iDevice Google Bard app  
But Safari home screen shortcut

**AI AI Everywhere**

## App Store Preview

This app is available only on the App Store for iPhone.



### ChatGPT 12+

The official app by OpenAI

[OpenAI](#)

#1 in Productivity

★★★★★ 4.5 • 5.8K Ratings

Free · Offers In-App Purchases

# The ChatGPT

- Open [bard.google.com](https://bard.google.com) in Safari
- Login with Google account
- Share (in Safari)
- Scroll down to **Add to Home Screen**
- Adjust home screen icons to taste

**Google Bard Home Screen Shortcut**

- Buy Now, Pay Later
- 4 equal installments
- Each 2 weeks apart
- First one immediately (at purchase)
- Interest free No fee
- Debit card
- Limit \$50 - \$1,000
- Apple as a bank?

**Apple Pay**

- Passcode PLEASE
- Auto-Lock more frequently
- Raise to Wake
- Lock Screen Access revisit

**Pocket dialing iPhone**

- Beep –or- No Beep?
- Find My keys, pet, bicycle
- Track my Kia/Hyundai
- Use as secret tracker

**AirTags**

- Apple tax on AI
- ChatGPT app
  - OpenAI 5 million new subscribers
  - \$1.2B Apple share \$360M
- Apple to use 100% recycled cobalt in batteries 2025
  - Magnets entirely recycled rare earths 2025
  - Recycled gold plating circuit boards
  - Recycled soldering
  - Eliminate plastics in packaging
    - Fiber alternatives
  - Economic support for mining communities impacted

**Apple News**

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



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

Computer Club, Help Center, SIGs,  
Presentations, classes

Cyber Security SIG meetings, NEWSBLOG  
Internet

- Questions, suggestions, comments?

**SCCCMUG@gmail.com**