

Sun City Computer Club

MUG MAC Users Group

May 22, 2024
3:00pm

**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**

- SIG Leader replacement
- Take over
- Inclusion Zoom & Recording
- Summers are Important Apple

- Apple Users Group
- New Leaders October
- iDevices in MUG

Presenter???

SCCCCyber

Tuesday, May 21, 2024

Apple releases tvOS 17.5.1

No further information available

Posted by John Jenkinson at [4:18 PM](#) No comments:



Monday, May 20, 2024

Apple releases updates May 20, 2024

Apple released updates today for iOS and iPadOS 17.5.1 to fix the deleted photos issue.

This update provides important bug fixes and addresses a rare issue where photos that experienced database corruption could reappear in the Photos library even if they were deleted.

Posted by John Jenkinson at [11:20 AM](#) No comments:



Monday, May 13, 2024

Apple Updates May 13, 2024

Apple releasing many updates today: 13-May-2024.

Updates to iOS 17.5, iPadOS 17.5, iPadOS 16.7.8, macOS 14.5, Safari 17.5, iOS 16.7.8, macOS Ventura 13.6.7, macOS Monterey 12.7.5, watchOS 10.6, tvOS 17.5

New features and security updates.

Posted by John Jenkinson at [1:07 PM](#) No comments:



- Deleted Photos reappear?
- Deleted voicemails reappear
- Safari updates

Monday, May 13, 2024

Apple Updates May 13, 2024

Apple releasing many updates today: 13-May-2024.

Updates to iOS 17.5, iPadOS 17.5, iPadOS 16.7.8, macOS 14.5.
Safari 17.5, iOS 16.7.8, macOS Ventura 13.6.7, macOS Monterey
12.7.5, watchOS 10.6, tvOS 17.5

New features and security updates.

< Accessibility Face ID & Attention

Require Attention for Face ID



TrueDepth camera will provide an additional level of security by verifying that you are looking at iPhone before unlocking. Some sunglasses may block attention detection.

Attention Aware Features



iPhone will check for attention before dimming the display, expanding a notification when locked, or lowering the volume of some alerts.

- Attention Aware
Check whether you are paying attention

iDevice Alarmgate

- May 16, 2024 6pm Eastern time
- Apple confirmed 7pm
- Service restored 7:30pm

iMessage recent outage

- <https://www.macrumors.com/guide/ipad-air-vs-ipad-pro/>
- iOS 18 AI features powered by Apple silicon data centers
- Magic Keyboard M4 iPad
Larger trackpad, function row, aluminum palm rest



- **Apple Pay:**

- Purpose: Apple Pay is the system that enables digital payments using your iPhone. It replaces the need to carry physical payment cards.
- Functionality:
- You load the details of your real-life credit cards and debit cards into the Apple Pay app.
- You can make payments online or in stores with your iPhone by calling up your virtual credit card.
- Requires authentication (Face ID, fingerprint, or passcode) for security.
- Works independently but can also be linked to an Apple Card and Apple Cash¹.

- **Apple Card:**

- Purpose: Apple Card is a credit account backed by Mastercard and Goldman Sachs.
- Functionality:
- Acts like a “real” credit card with interest rates and up to 3% cash back.
- Mostly lives as a digital card on your phone.
- Includes a physical card (titanium rectangle) for use in brick-and-mortar stores that don’t accept Apple Pay.
- Integrates seamlessly with Apple Pay¹.

- **Apple Cash:**

- Purpose: Apple Cash is like a prepaid debit card within your Apple Wallet.
- Functionality:
- Lives in your Apple Wallet and allows you to send and receive money.
- You can spend any Apple Cash balance using Apple Pay for mobile payments².

Apple

120GB/s

Unified memory bandwidth



Tandem OLED display engine

**Dynamic
Caching**

Up to



10-core
CPU



10-core
GPU

**Hardware-accelerated
mesh shading**

Apple M4

Up to

50%

faster CPU than M2

Up to

4x

faster GPU than M2

**Hardware-accelerated
ray tracing**

ProRes

AV1

Over

28 billion transistors

Second-generation

3 nm technology

Neural Engine with

38 trillion ops/sec

| | M4 | M3 | M2 |
|-------------------------|--|---------------|-------------------------------------|
| CPU | 9 or 10-core | 8-core | 8-core |
| GPU | 10-core | Up to 10-core | Up to 10-core |
| Neural engine | 16-core | 16-core | 16-core |
| RAM | 8 or 16GB with iPad Pro (24GB likely with future Macs) | Up to 24GB | Up to 24GB (max 16GB with iPad Pro) |
| Storage | Up to 2TB with iPad Pro (8TB likely with future Macs) | Up to 8TB | Up to 8TB |
| Memory bandwidth | 120GB/s | 100GB/s | 100GB/s |
| Process | 3nm 2nd-gen | 3nm | 5nm |
| Transistor count | 28 billion | 25 billion | 20 billion |

Apple Silicon

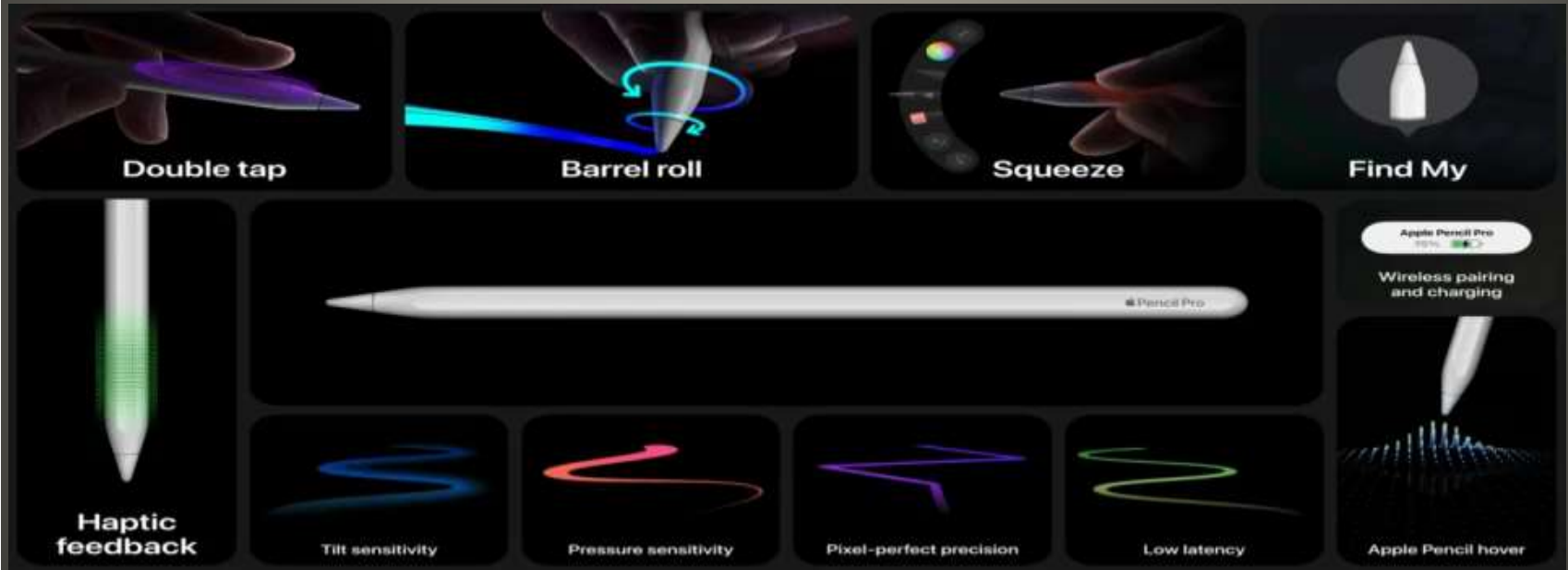
| | M4 | M3 | M2 |
|---|----|----|----|
| Hardware-accelerated 8K H.264, HEVC, ProRes, and ProRes RAW | ✓ | ✗ | ✗ |
| Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW | ✓ | ✓ | ✓ |
| Hardware-accelerated ray tracing | ✓ | ✓ | ✗ |
| Video decode engine | ✓ | ✓ | ✓ |
| Video encode engine | ✓ | ✓ | ✓ |
| ProRes encode and decode engine | ✓ | ✓ | ✓ |
| AV1 decode | ✓ | ✓ | ✗ |

Apple Silicon

- No current Mac with M4
- No current iPad with M3
- Neural Engine
 - M4 38 trillion/sec
 - M3 18 trillion/sec
 - M2 15.8 trillion/sec
- M3 3-nanometer yields

Apple Silicon

- Thinner, Lighter - bendable?
- OLED screen
- Magic Keyboard Update
- Apple Pencil Pro side mounted charge & pair
Squeeze & twirl



iPad Pro

- Metal cowling with center support
- Bending, heat dissipation, cooling



iPad bendgate

- Internal name Glow
- Pause to fix bugs

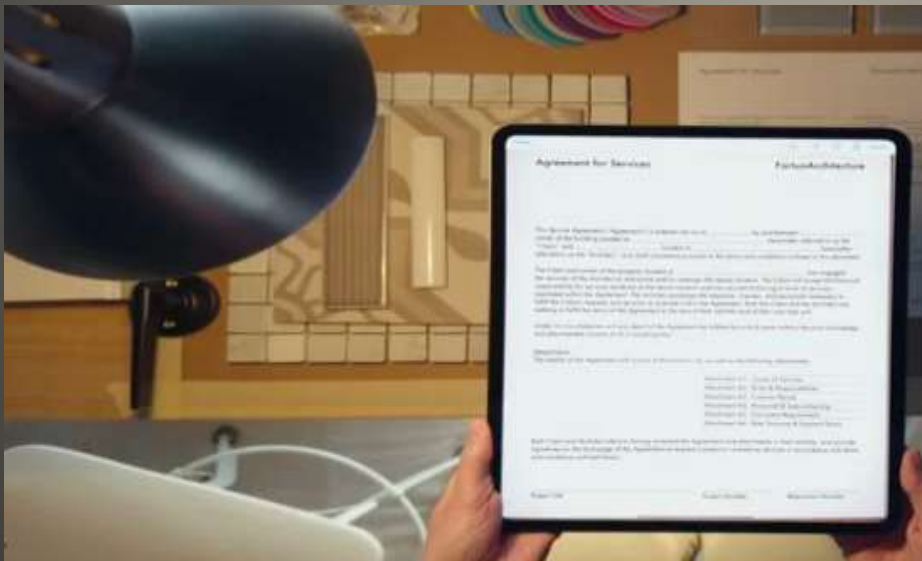
macOS 15

- Apple Store Mac Desktop App
- USE Caution

OpenAI releasing ChatGPT app

- True Tone flash & AI

It also now features a new adaptive True Tone flash that makes document scanning on the new iPad Pro better than ever. Using AI, the new iPad Pro automatically identifies documents right in the Camera app, and if a shadow is in the way, it instantly takes multiple photos with the new adaptive flash, stitching the scan together for a dramatically better scan.



New iPads shipped with iPadOS 17.4

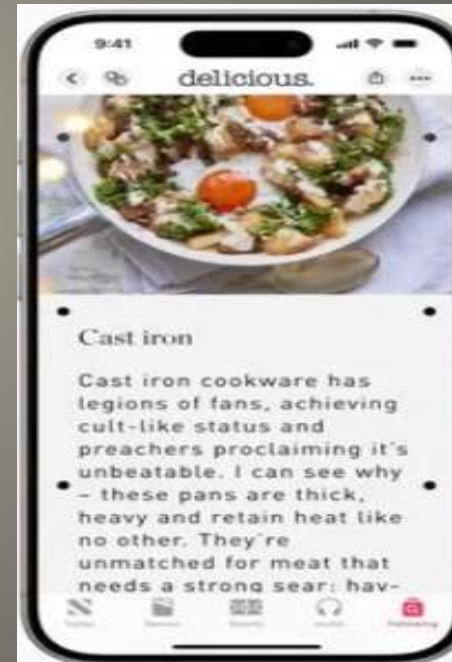
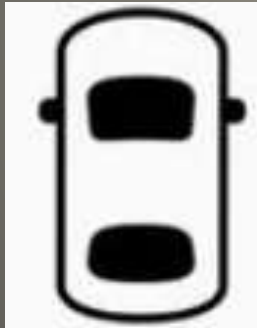
- Voice Control
- Color Filters – color blindness
- Sound Recognition horns, sirens

CarPlay iOS 18

- Crossfade
- Smart song transitions
- Passthrough Spatial audio with Dolby Atmos

Apple Music 18

- With Vehicle Motion Cues, animated dots on the edges of the screen represent changes in vehicle motion to help reduce sensory conflict without interfering with the main content. Using sensors built into iPhone and iPad, Vehicle Motion Cues recognises when a user is in a moving vehicle and responds accordingly. The feature can be set to show automatically on iPhone or can be turned on and off in Control Center.



iDevices Motion Sickness

- Control with your eyes
- Music Haptics iPhone Tapric engine

iOS iPadOS futures?

- Apple watch High frequency motion API
Golfshot app exact moment club hits ball

Sensors:

rhythm, tempo, transition, wrist path

- Feature reminder watchOS

Offline Maps (with iPhone nearby)

NameDrop (Watch series 6 or later)

Swipe to switch main watch face (readded)

Create custom workout plans - distance, pace, time, calories, repetitions

Control AppleTV

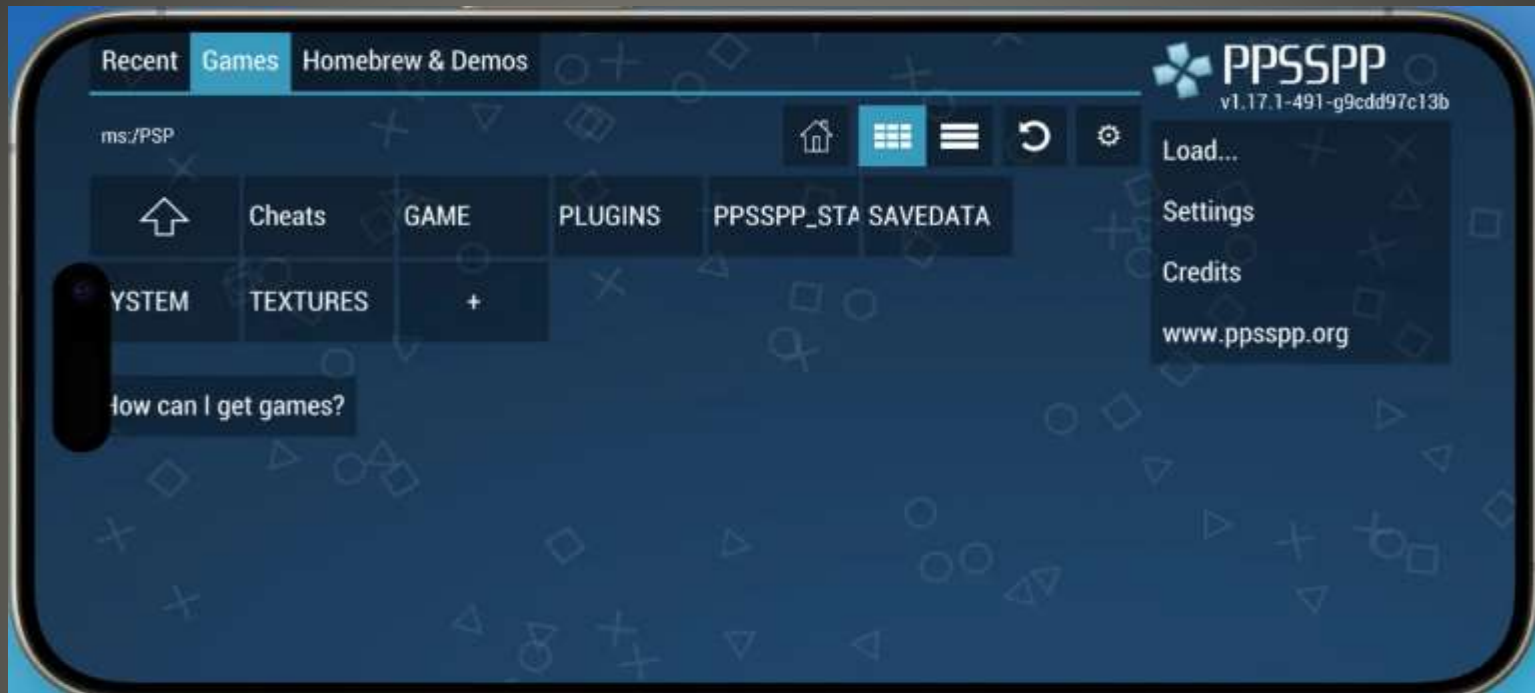
Find iDevice

How are you doing?

On-device health queries

Handwashing timers Handwashing reminders

Apple Watch mirroring iPhone setting Accessibility -> Apple Watch Mirroring



- PSP emulator Apple Store
- Other game emulators: RetroArch and Gamma

PPSSPP to iDevices

- Laptop – Google Apps single windows with tabs
- iPad – each app Apps different layouts
- Stage Manager Front & Center or split screen
- Price 13" + magic keyboard \$1648

iPad vs Laptop

- Wallet sized
- Louder speaker, Longer battery life
- Project B589

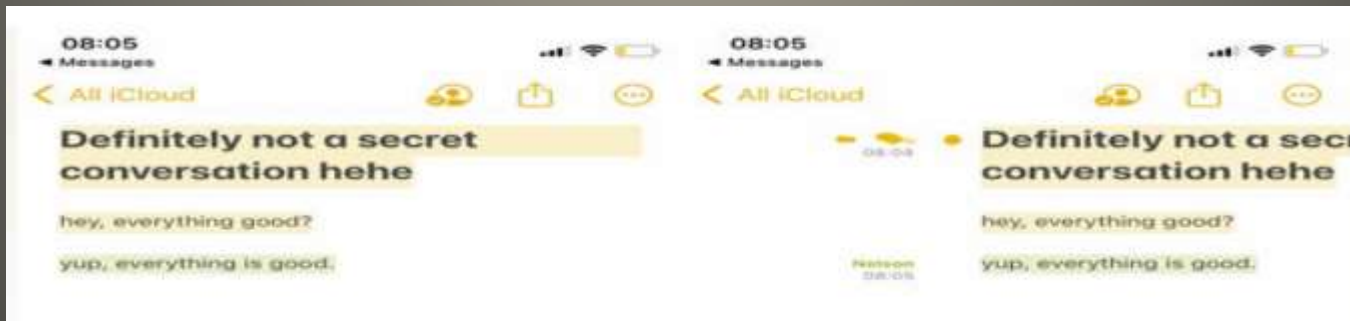
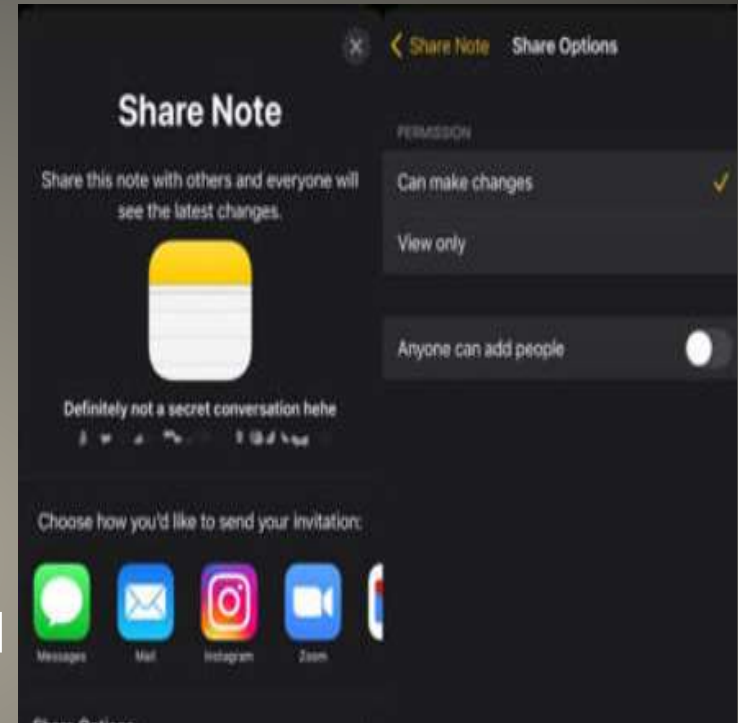
New AirTag?



- Safari browser “Web Eraser”
Remove portions of web pages
- Safari “Intelligent Search”
generate summaries

Apple AI

- Create Note in Notes App
- Share Note
- Share Options
 - Can make changes
 - Anyone can add people Off
- Text, email, Copy Link
- Receiver open link, accept
- Realtime
- Notification when Note updated
- Delete when finished



Notes app Private Conversations

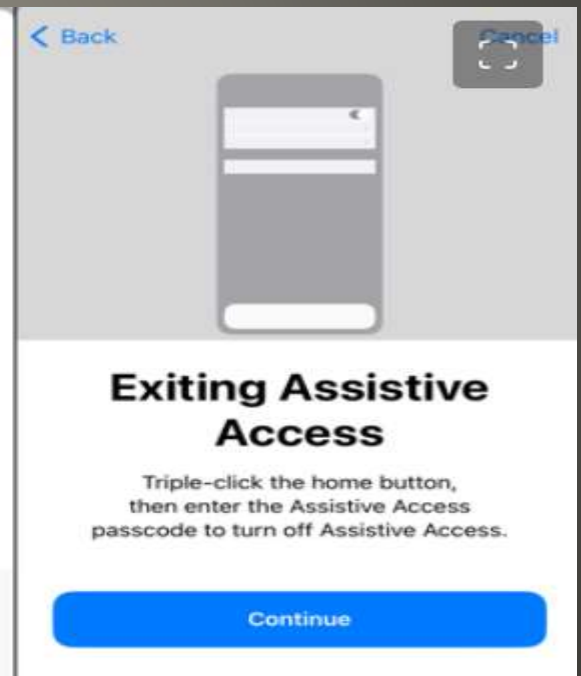
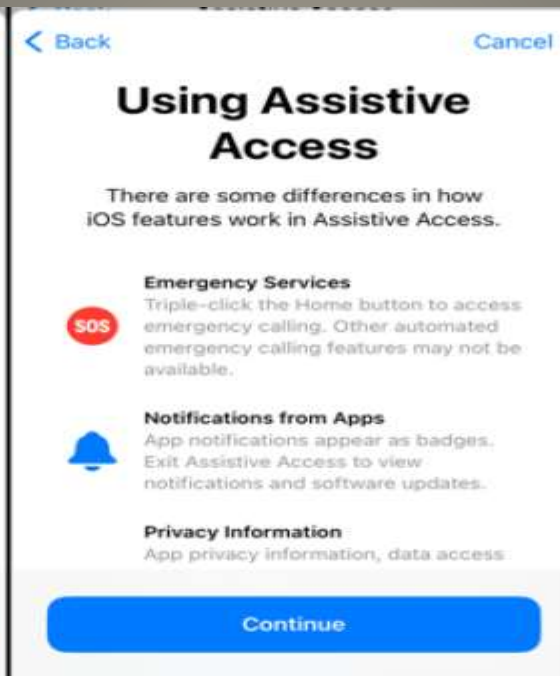
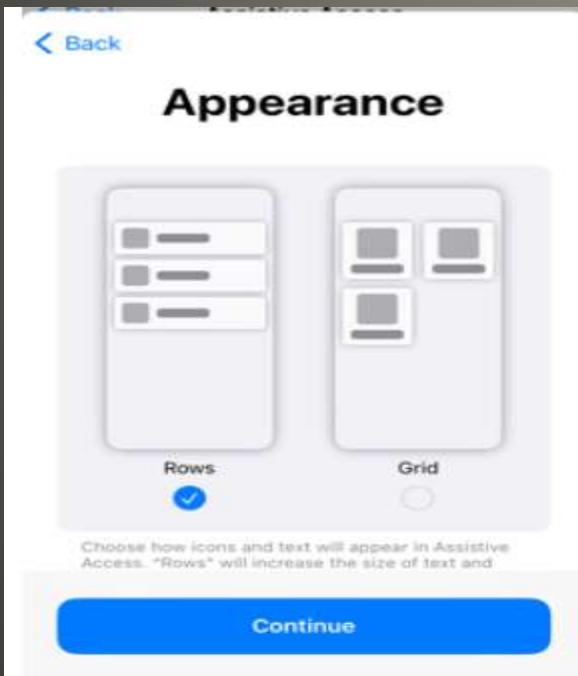


iPhone Slim?

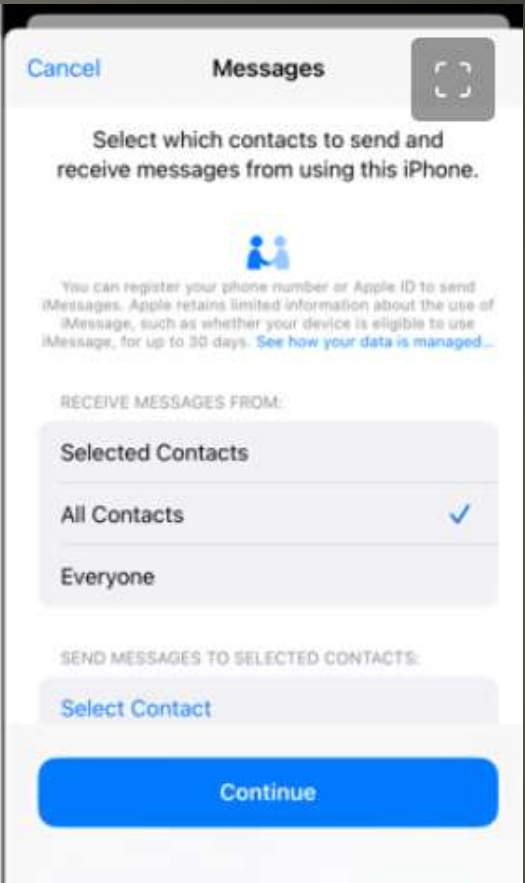
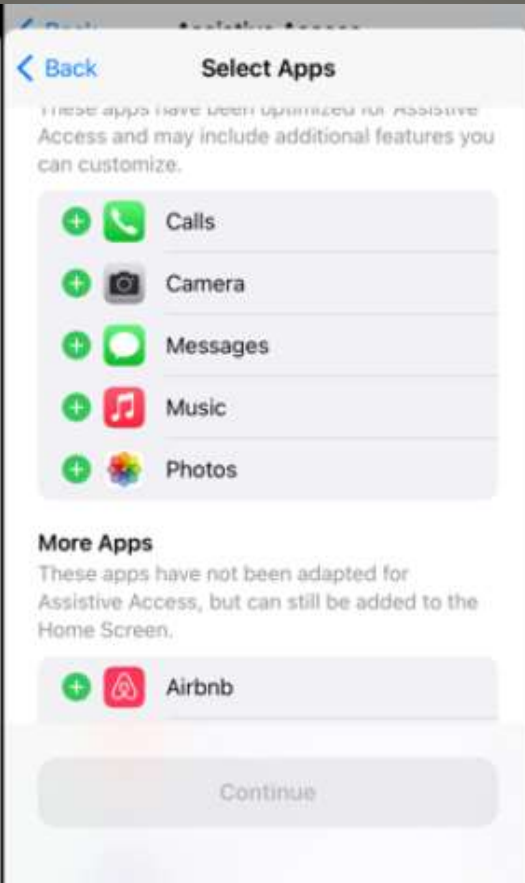
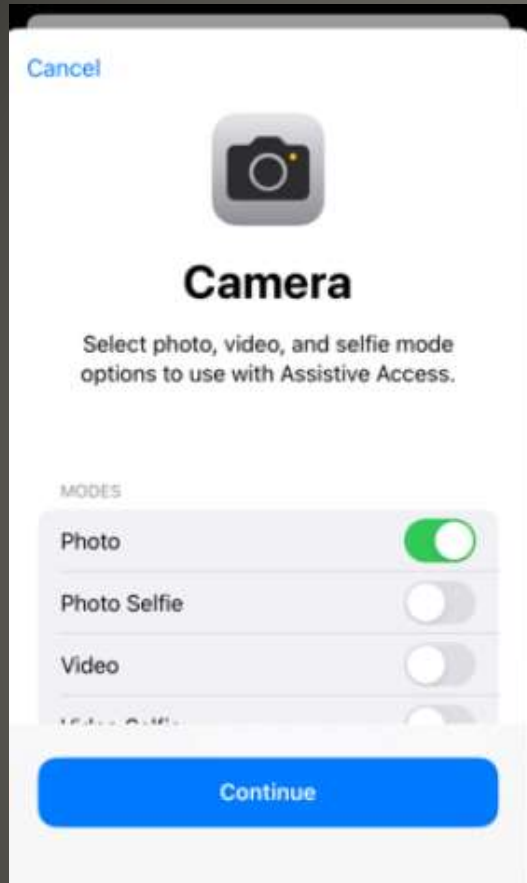
- RetroArch
- Apple Store tvOS
- Apple releases tvOS 17.5.1

AppleTV Console emulators

- Assistive Access
- Settings > Accessibility > Assistive Access



Dumber iPhone



Dumber iPhone

- Apps suited for Assistive Access
- Continue NUMBER KEY to switch back
- Continue NUMBER KEY to switch back

Dumber iPhone

- Easier now
- Settings > Wi-Fi
- On the network name you wish to remove
- Tap Information icon
- Forget This Network
- Confirm Forget

How to remove business Wi-Fi network names in iDevices

- 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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