

# Our Take on the June 2023 WWDC

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**July 11, 2023**



Many features will be implemented this fall.

This is our take on some features that we  
think are important and useful.



iPadOS



iOS 17



Watch OS 10



tvOS 17



macOS

# Sonoma

All features will not be available at the Launch date



# iOS 17 is compatible with these devices.

[Learn more about iPhone >](#)

iPhone 14

iPhone 14 Plus

iPhone 14 Pro

iPhone 14 Pro Max

iPhone 13

iPhone 13 mini

iPhone 13 Pro

iPhone 13 Pro Max

iPhone 12

iPhone 12 mini

iPhone 12 Pro

iPhone 12 Pro Max

iPhone 11

iPhone 11 Pro

iPhone 11 Pro Max

iPhone Xs

iPhone Xs Max

iPhone XR

iPhone SE

(2nd generation or later)

Left out is the iPhone 8, 8 Plus, and X

# iPadOS 17 is compatible with these devices.

[Learn more about iPad >](#)

iPad Pro (2nd generation and later)  
iPad Air (3rd generation and later)  
iPad (6th generation and later)  
iPad mini (5th generation and later)



# macOS Sonoma is compatible with these devices.

[Learn more about Mac >](#)

## **iMac**

2019 and later

[Learn more >](#)

## **iMac Pro**

2017

[Learn more >](#)

## **MacBook Air**

2018 and later

[Learn more >](#)

## **MacBook Pro**

2018 and later

[Learn more >](#)

## **Mac Pro**

2019 and later

[Learn more >](#)

## **Mac Studio**

2022 and later

[Learn more >](#)

## **Mac mini**

2018 and later

[Learn more >](#)



# watchOS 10 compatibility.

[Find your Apple Watch model >](#)

<https://support.apple.com/en-us/HT204507>

watchOS 10 requires iPhone XS, iPhone XR or later with iOS 17 and one of the following Apple Watch models:

- Apple Watch Series 4
- Apple Watch Series 5
- Apple Watch SE
- Apple Watch Series 6
- Apple Watch Series 7
- Apple Watch Series 8
- Apple Watch Ultra

Not all features are available on all devices.

# Identify your Apple Watch

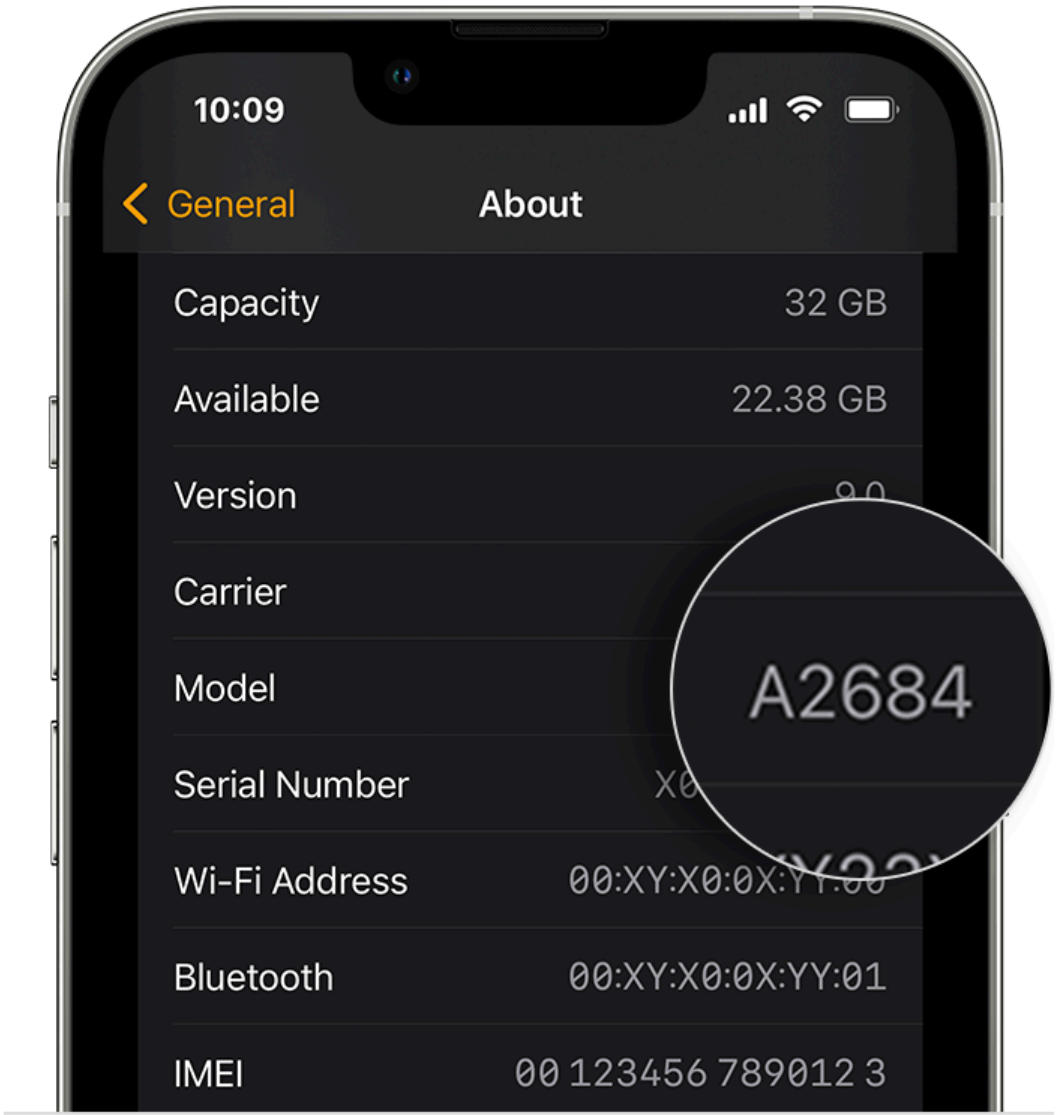
Look up your Apple Watch model, collection, and color.

## Find your model number

To learn which Apple Watch you have, use its model number:

1. Open the Apple Watch app on your iPhone.
2. Tap the My Watch tab, then tap General > About.
3. Find the Model field. You should see the part number that begins with "M."
4. Tap the Model field. You should see the field update to show a five-digit number that begins with "A." This is your model number.
5. Compare your model number to the ones below.

In Japan, if you have an Apple Watch Series 2 and the part number ends with "J/A," you can use Apple Pay on your device to ride transit and make purchases in stores.



<https://support.apple.com/en-us/HT204507>

Apple Watch Ultra  
⌵

Apple Watch  
Series 8 ⌵

Apple Watch SE  
(2nd generation)  
⌵

Apple Watch  
Series 7 ⌵

Apple Watch  
Series 6 ⌵

Apple Watch SE  
⌵

Apple Watch  
Series 5 ⌵

Apple Watch  
Series 4 ⌵

Apple Watch  
Series 3 ⌵

Apple Watch  
Series 2 ⌵

Apple Watch  
Series 1 ⌵

Apple Watch (1st  
generation) ⌵

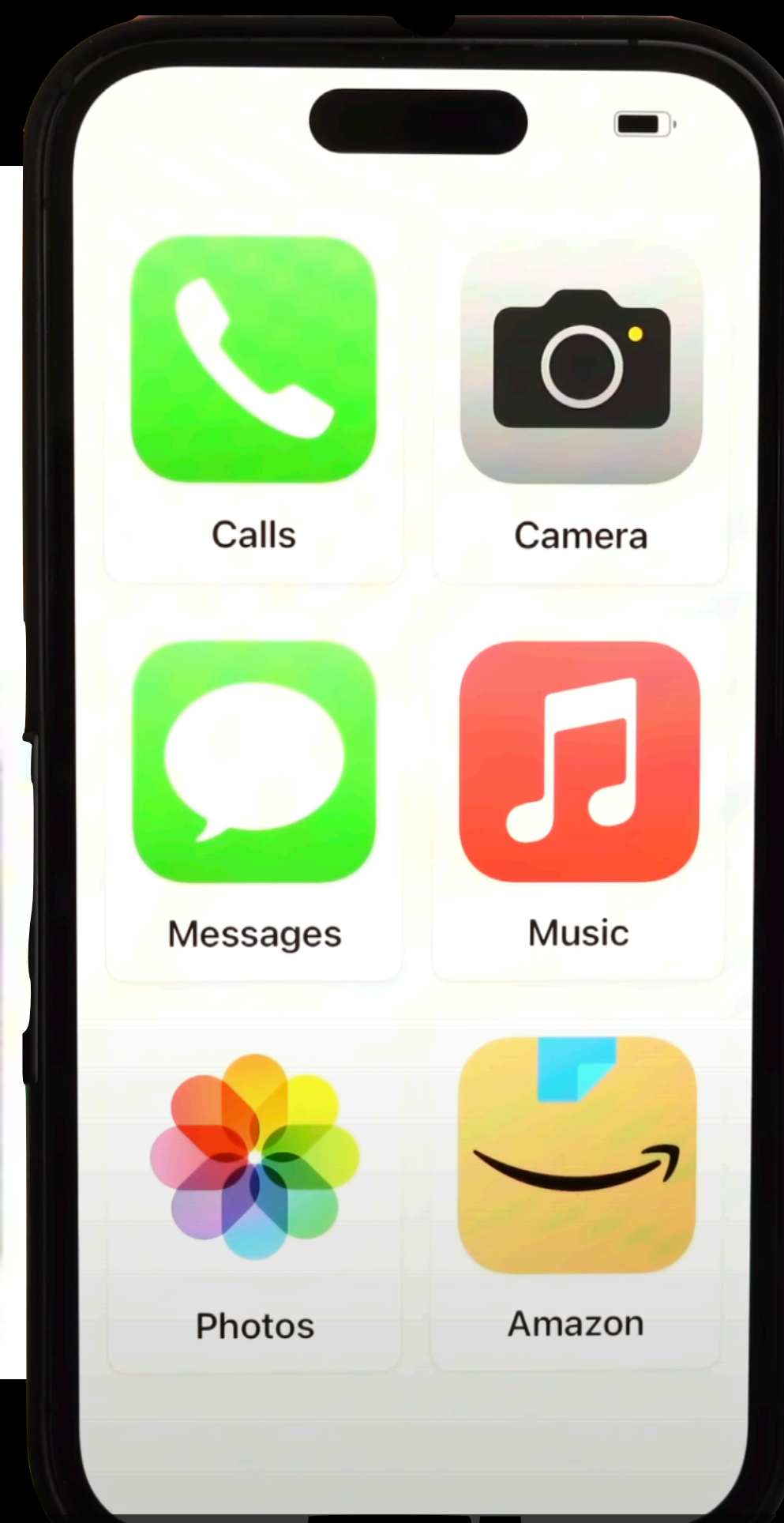
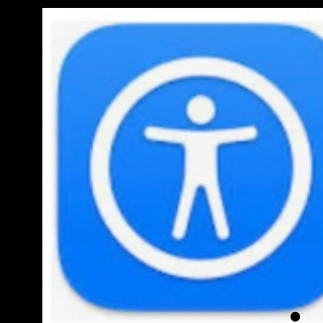
# iOS 17





# Assistive Access

on iPhone and iPad for people with cognitive disabilities



Provides a custom, simplified experience for the phone, FaceTime, Messages, Camera, Photos, and Music apps.

That includes a "distinct interface with high contrast buttons and large text labels" along with tools that can be customized for each individual.



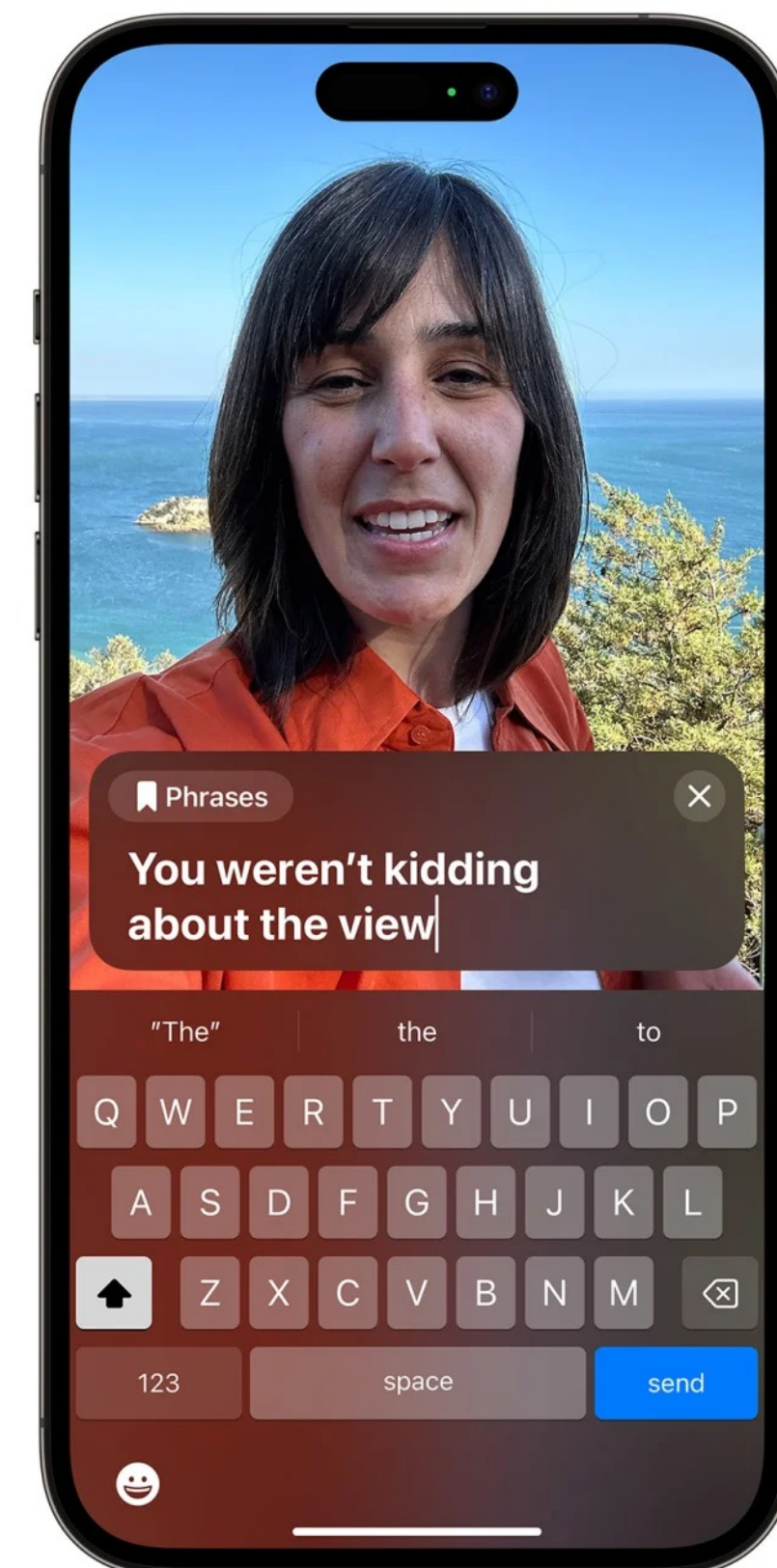
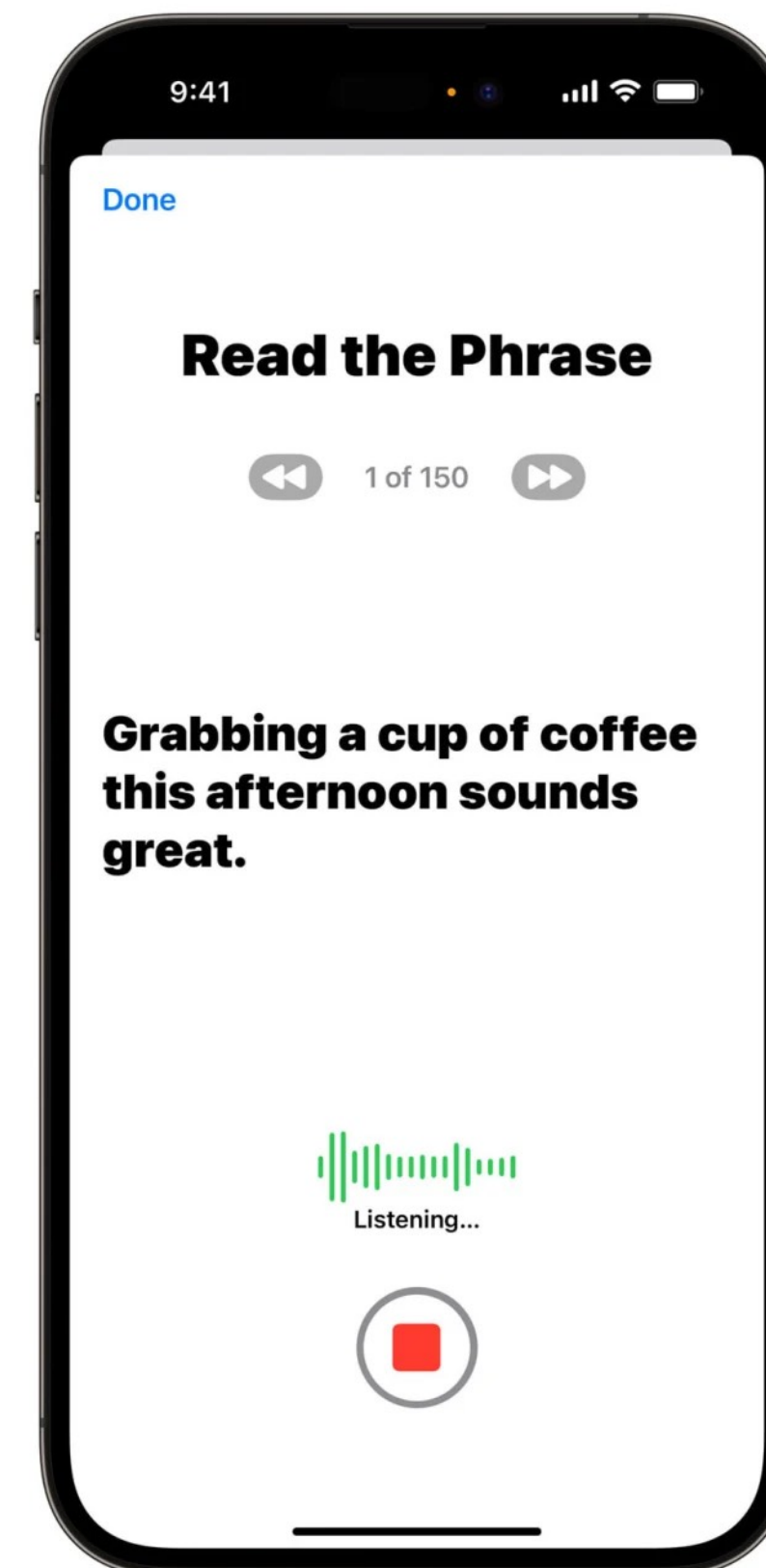
# Accessibility Access



**Personal Voice** helps people with speech loss create a voice that sounds like them, and use it with Live Speech to communicate in calls and conversations.

**Point and Speak** makes it easier for people with vision disabilities to interact with physical objects that have text labels.

## iOS 17





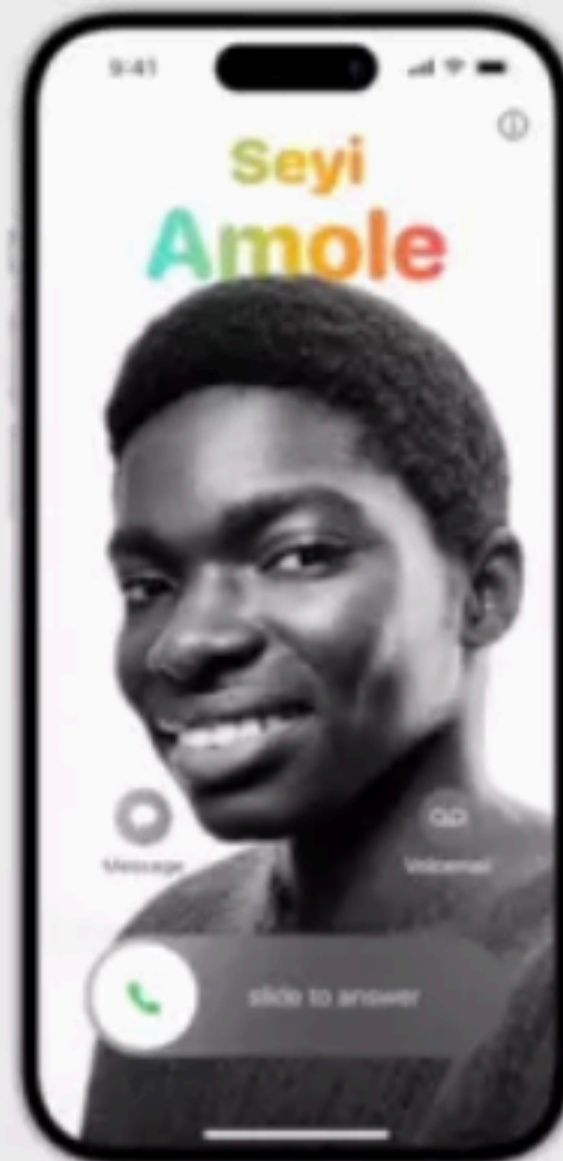
Hey  
"Siri"



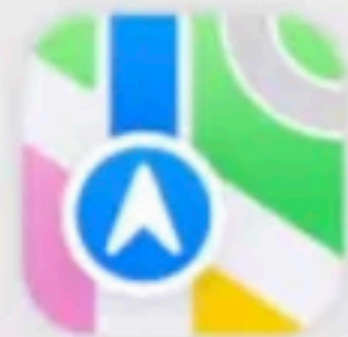
Find My  
Item Sharing



Pets albums in Photos



Contact  
Posters



Offline  
maps

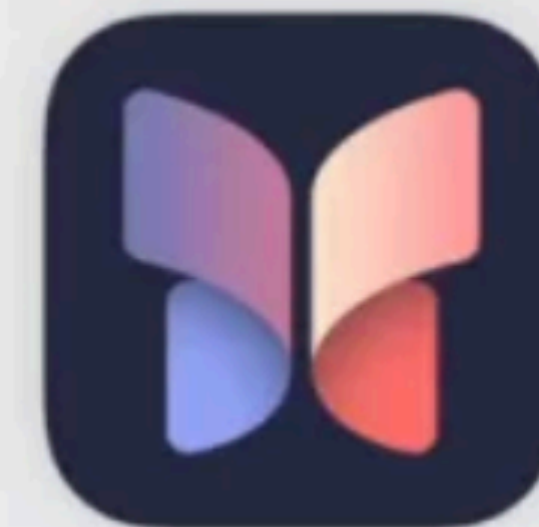


Swipe  
to reply

Leave a  
FaceTime message



ios



Journal



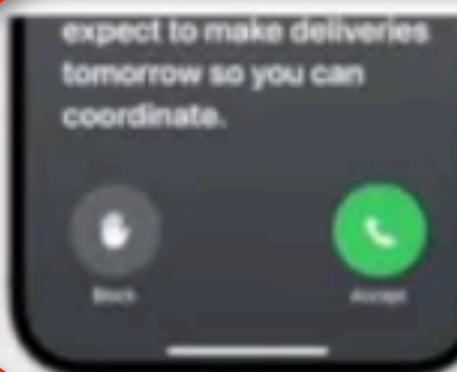
StandBy



Check In



Live Stickers



Live  
Voicemail

Improved autocorrect



# Visual LookUp Tool

iOS 17



Your iPhone will soon tell you what symbols mean in the Visual Look Up tool in iOS 17



Instead of rooting around for your car's handbook use this tool to find out.

The iPhone uses AI and Machine Learning to read symbols.



# Screen Distance to Monitor Myopia for kids

Screen Distance works by measuring the distance between the screen and your eyes. The camera is not capturing images or video, and the data collected remains on the device and is not shared with Apple.

Nearsightedness





iOS 17



# Interactive Widgets

From your Home Screen, Lock Screen, or in StandBy.

Play music, turn off lights, and more. Right from a Widget.



# Share This AirTag



**Aaron's Car**  
You're the owner

## WHAT WILL HAPPEN



### Others can locate this AirTag

Everyone who shares this AirTag can locate it in Find My.

in iOS 17 in the Find My app up to 5 people can share an AirTag.

So you can both find the car keys, not just the person who set up the Air Tag.

5:08

SOS 98

Cancel

# Share This AirTag



**AirTag (suitcase)**  
You're the owner

## WHAT WILL HAPPEN



### Others can locate this AirTag

Everyone who shares this AirTag can locate it in Find My.



### Tracking notifications will be muted

Everyone who shares this AirTag won't get notified when it's near them.

Sharing as

Continue

Not Now



# StandBy



iOS 17



StandBy gives you glanceable information designed to be viewed from a distance. Turn your iPhone into a bedside clock, showcase special moments from your photos, and get the right information at the right time with widget Smart Stacks.

StandBy doesn't require a MagSafe stand



# Live VoiceMail

When someone leaves a voicemail, you will see a live transcription on your screen.

Read the transcription as the caller is speaking to quickly assess if it's something urgent.

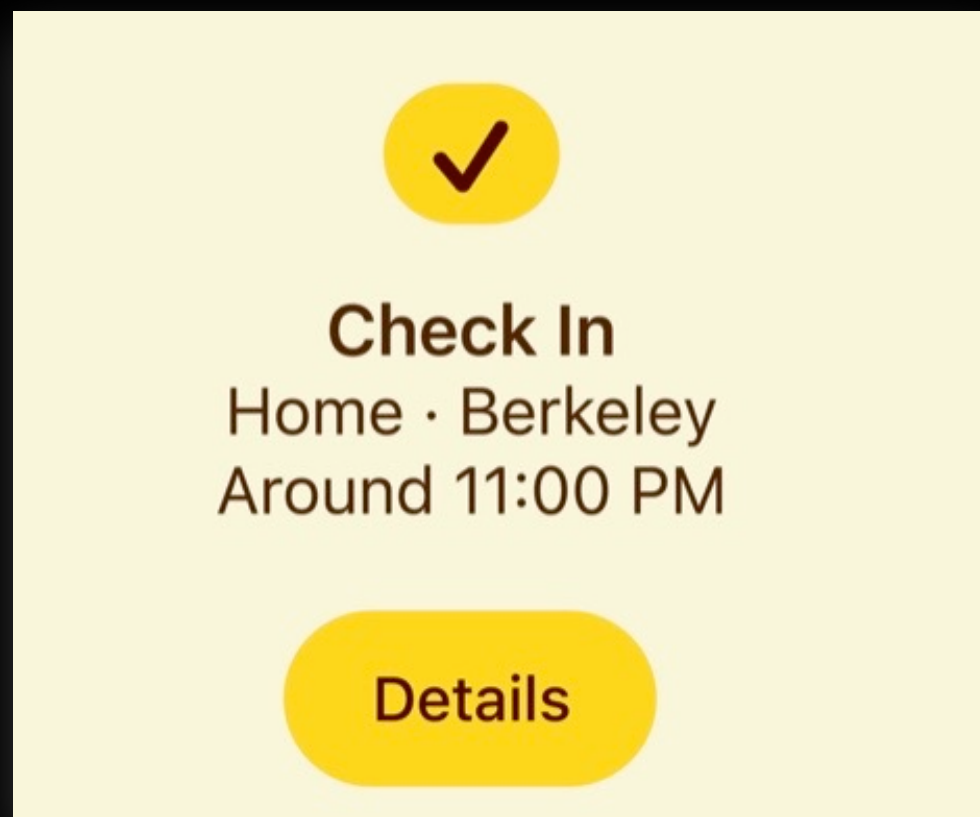
If you want to address the call, pick up to talk while the caller is leaving the message.

Or you can let the call go to voicemail and listen to their full message later like usual.

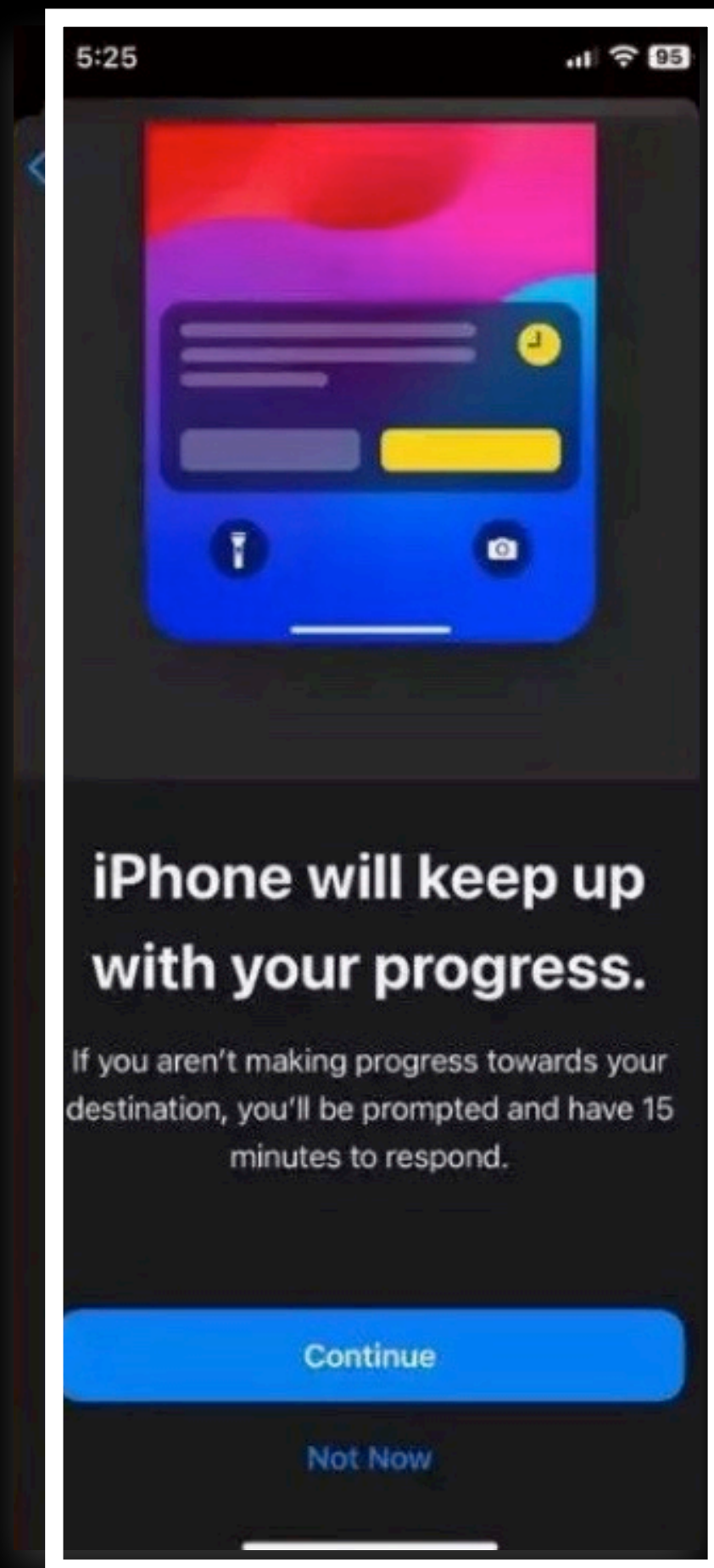
**Send a call to voicemail and see a live transcript of the message.**







# Check In ✓ iOS 17

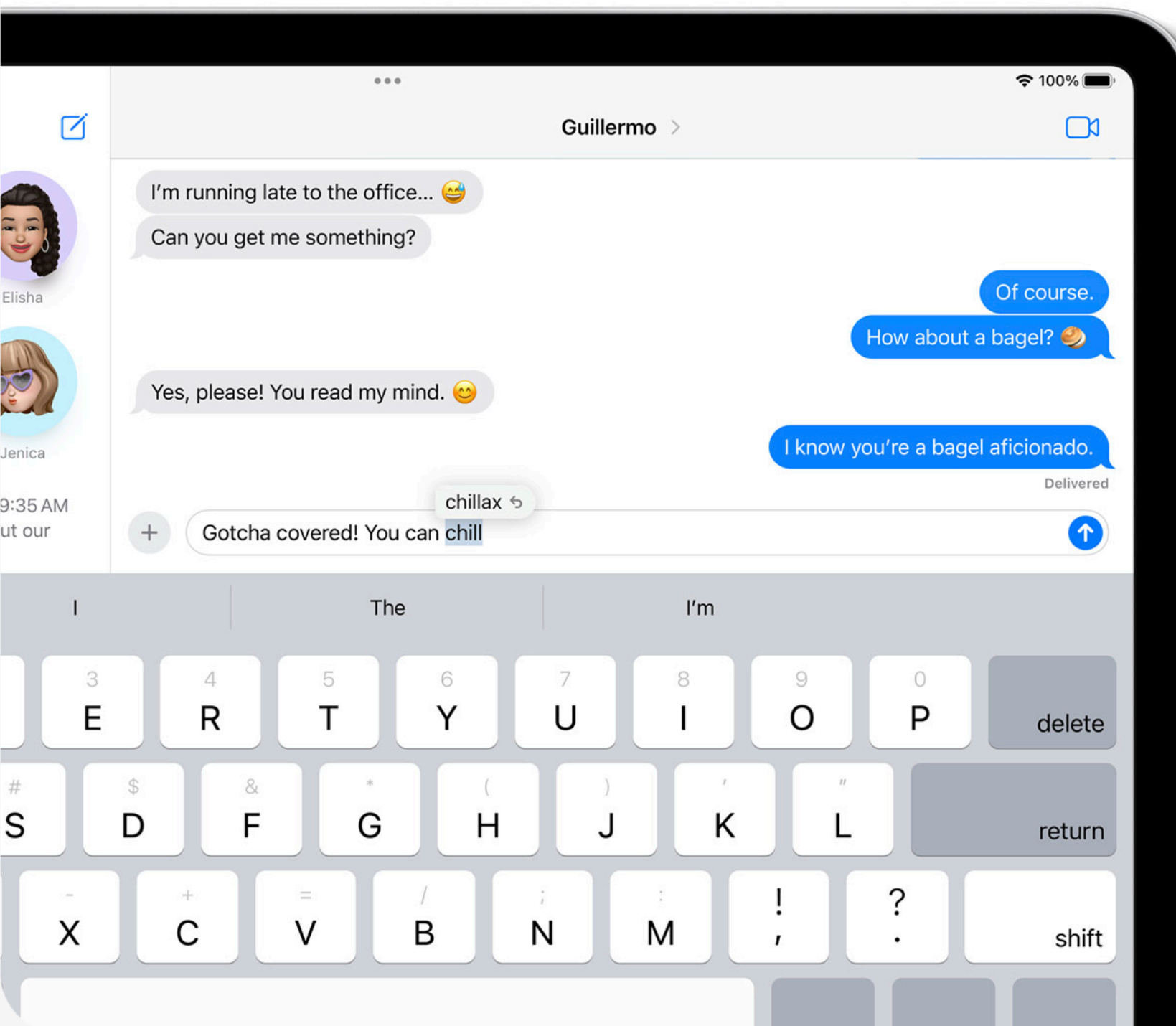


With Check In, your friend or family member is **alerted when you reach your destination**. If you stop making progress, it checks in with you, and if you don't respond, it shares helpful information with your friend, like the location, battery level, and cell service status of your iPhone. Any information that is shared is **end-to-end encrypted**.

# Improved Auto Correct using AI and the neural engine

## Even more accurate autocorrect<sup>6</sup>

Autocorrect delivers even better support as you type. Autocorrected words are temporarily underlined so you know what's been changed, and you can revert back to the original word with just a tap.



## Predictions inline as you type

Tap the  
Space bar to  
finish words or  
entire sentences.<sup>7</sup>

predictive text  
spell check  
grammar check

Corrected words are  
temporarily underlined



# Record a FaceTime Message



FaceTime

Leave a Message if someone misses your call. Whether you're just calling to say hello or want to share a special moment, you can capture what you wanted to say in a **video or audio message**. You get all the same video effects that make you look your best in FaceTime, like Portrait mode and Studio Light. Your messages can also be played on Apple Watch.

# iPadOS 17

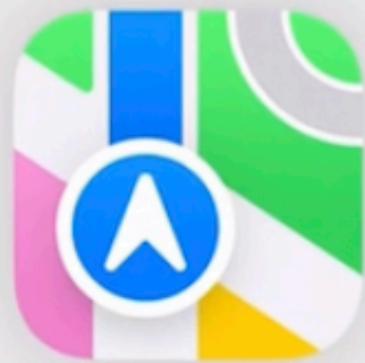




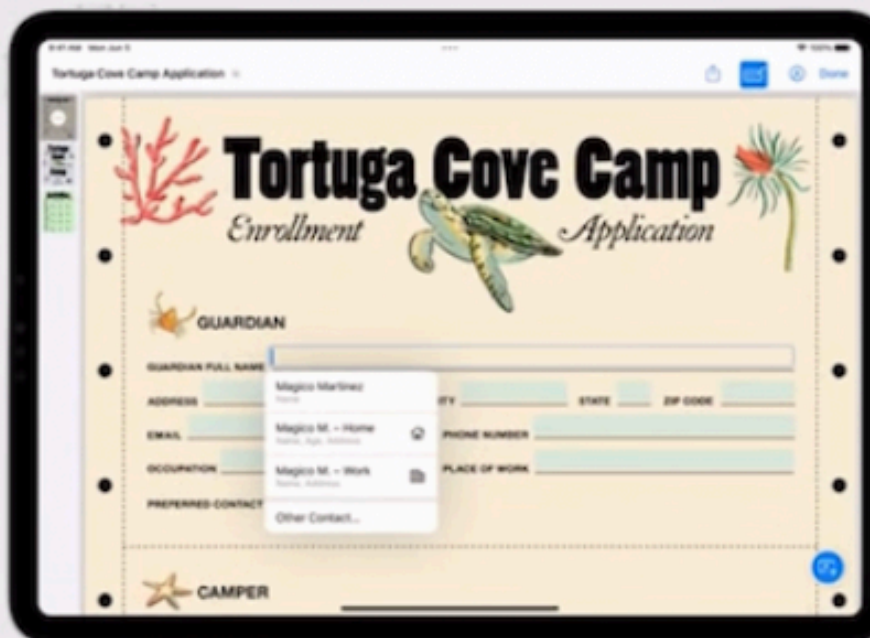
Flexible layouts



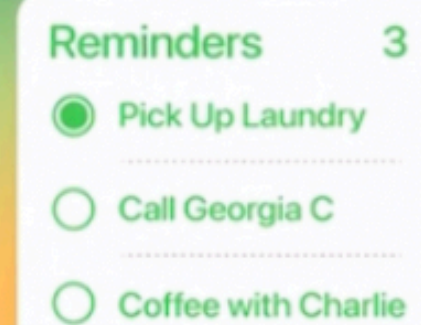
Offline maps



PDF AutoFill



Interactive widgets



External camera on iPad



Live Stickers  
in Messages



Predictive text

# iPadOS

New tools in Freeform



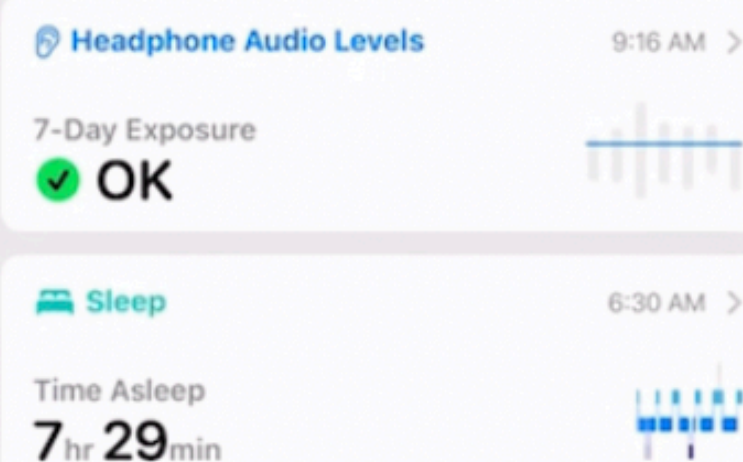
AirDrop continues  
when out of range

Live Activities

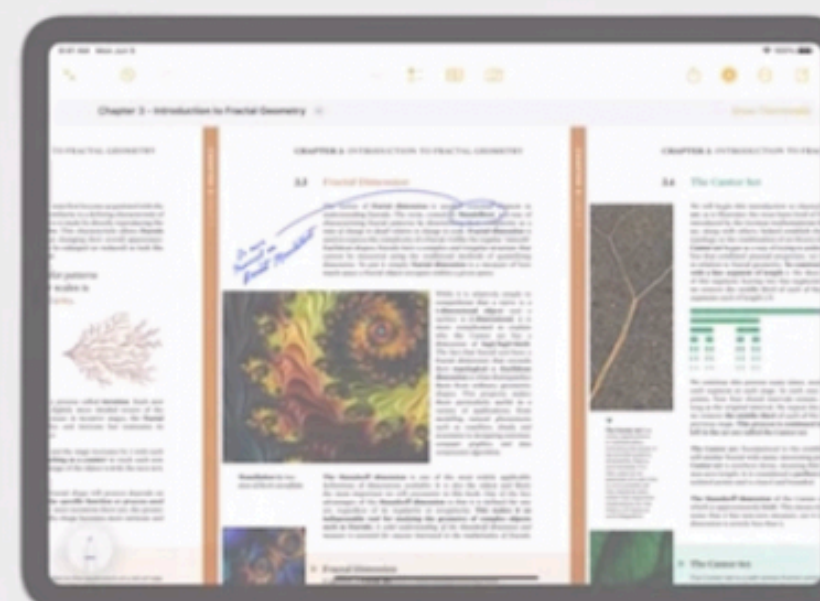
Uber Eats  
Preparing your order  
Arriving at 10:24 AM



Health app



Inline PDF



Redesigned Lock Screen

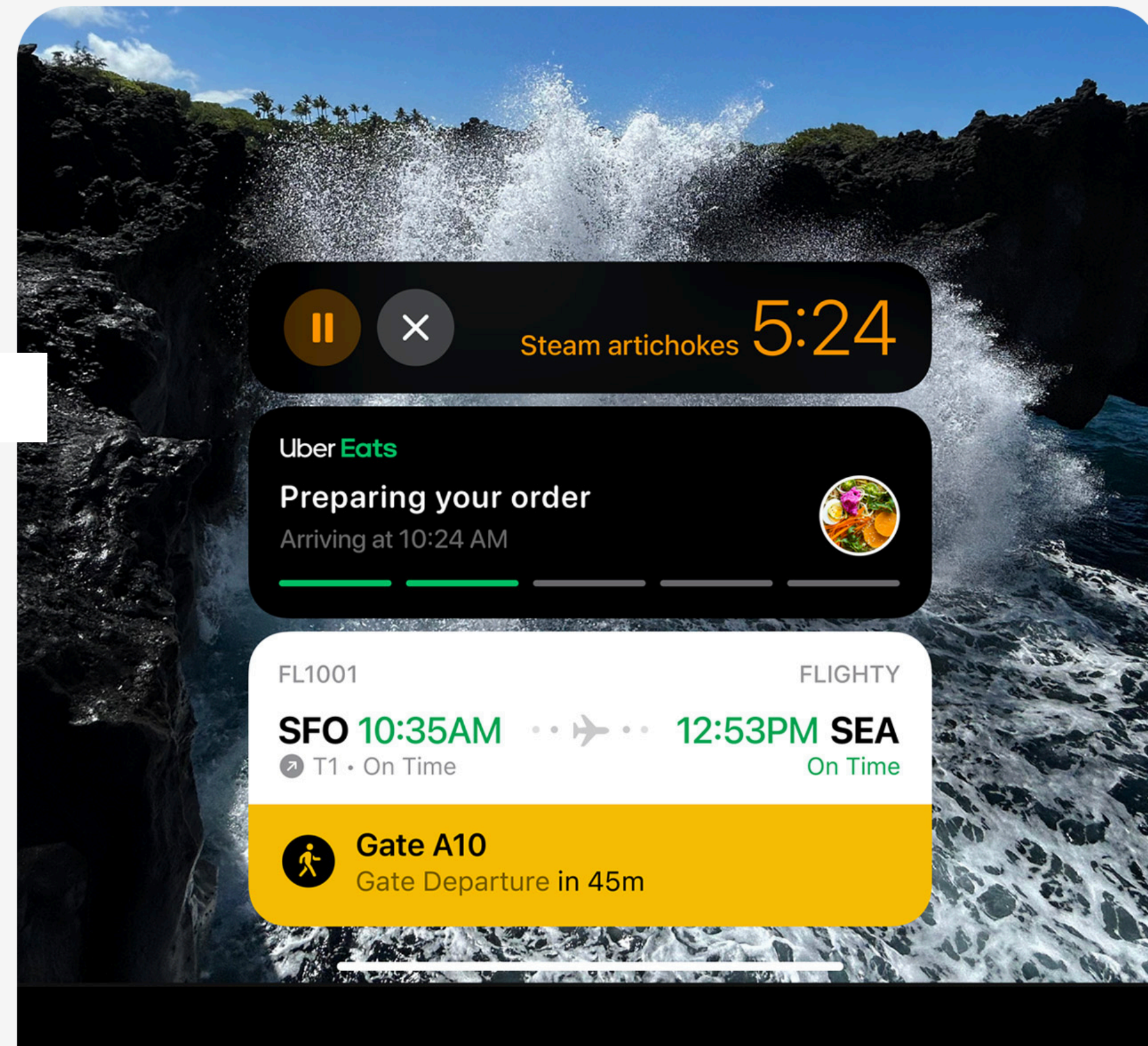




# Live Photo Wallpaper on Lock Screen

## Motion effect for Live Photo wallpaper

An all-new motion effect for Live Photos makes your Lock Screen feel more dynamic than ever when you wake iPad, and settles into your Home Screen when unlocked.



## Live Activities

Use Live Activities to stay on top of things happening in real time, right from your Lock Screen. Keep track of a food order, a flight, a score, and more.



# Interactive Widgets on iPad Lock Screen

11121

10CUP2

9

8

7

6

5

4

3

2

1

11121

10TOK2

9

8

7

6

5

4

3

2

1

11121

10SYD2

9

8

7

6

5

4

3

2

1

11121

10PAR2

9

8

7

6

5

4

3

2

1

2–3PM

Welcome

home lunch

Reminders

3

Prepare pizza

Permission slip

Send invites

76

5788

8:25

PM

75%

Apple Pencil

Mon 5 ☀ Sonoma

9:41

Add your favorite widgets to the Lock Screen to see information like the weather, time, date, battery levels, or upcoming events at a glance.

Take action with just a tap

25



# Enhanced Autofill of PDF and Scanned Documents

With its machine learning technology, iPad OS 17 **identify fields in a PDF so that you can fill them out quickly** can— such as filling out a form on a website or a downloaded PDF.

Document AutoFill

9:41 AM Mon Jun 5

Tortuga Cove Camp Application

**Tortuga Cove Camp**  
*Enrollment Application*

**GUARDIAN** Magico Martinez

GUARDIAN FULL NAME

ADDRESS

EMAIL

OCCUPATION

PREFERRED CONTACT

CITY  STATE  ZIP CODE

PHONE NUMBER

PLACE OF WORK

**CAMPER**





Notes. View and mark up PDFs and scans of presentations, assignments, research papers, and more. You can also add links to connect related notes, like a trip itinerary and a list of recommended restaurants.

## What's New in Notes



### Add Links

Link to other notes to connect ideas, content, or any information.



### New Text Formatting

Create block quotes or try the new Monostyled format, an update of Monospaced format.



### Open in Pages

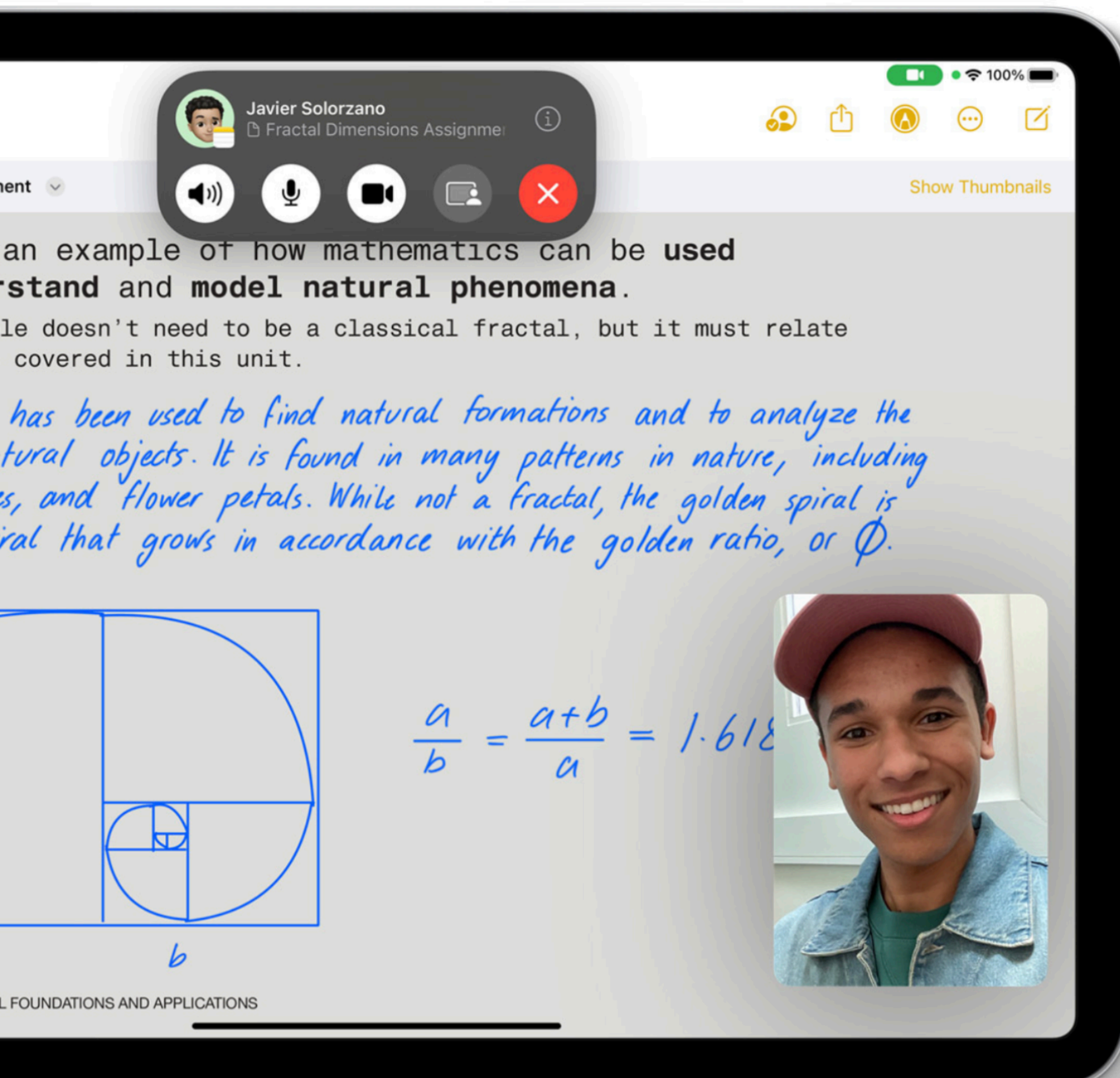
Continue your note in a Pages document for more layout and formatting options.

Continue

# Collaborative PDFs in Notes

## Collaborate on PDFs

Get real-time updates when sharing a note with others. As you mark up a document, draw a diagram, or add a sticker, the changes you make appear live on your collaborator's device.

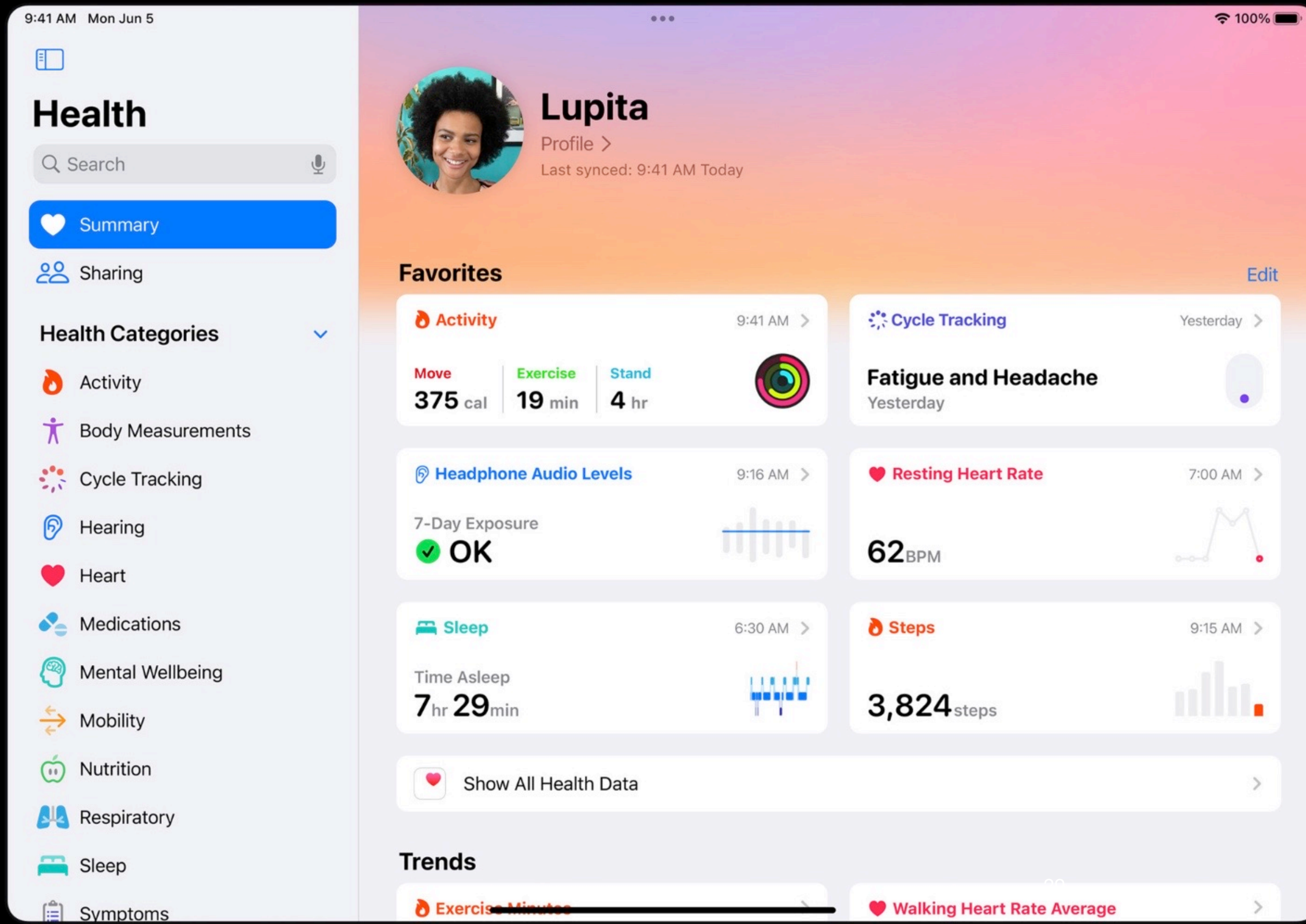


The most exciting PDF upgrades come inside of the **Notes app**. You can access multiple PDFs within one note, and if you're collaborating with another iPad OS 17 user, you can make edits, Apple Pencil notes or other changes that update immediately on each device.

Quickly add **links** from one note to another. It's a powerful way to connect research notes, reference a recipe.



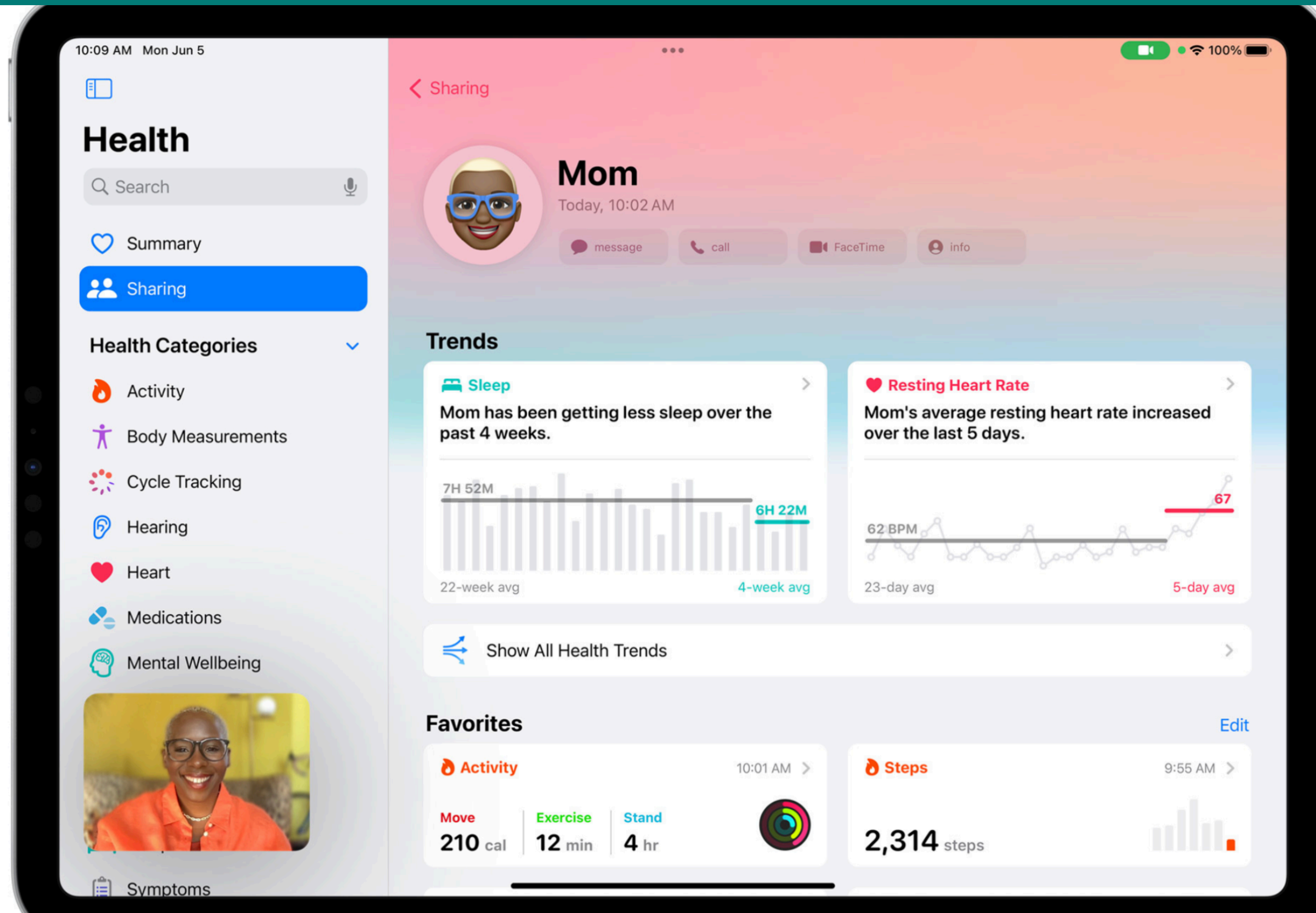
# The Health App coming to the iPad



Syncs data with the  
Watch and iPhone

# Knowledge is healthy

You can receive important notifications about your loved ones' health and view things like their activity, mobility data, heart rate data, and trends in the Sharing tab.



# Watch OS 10





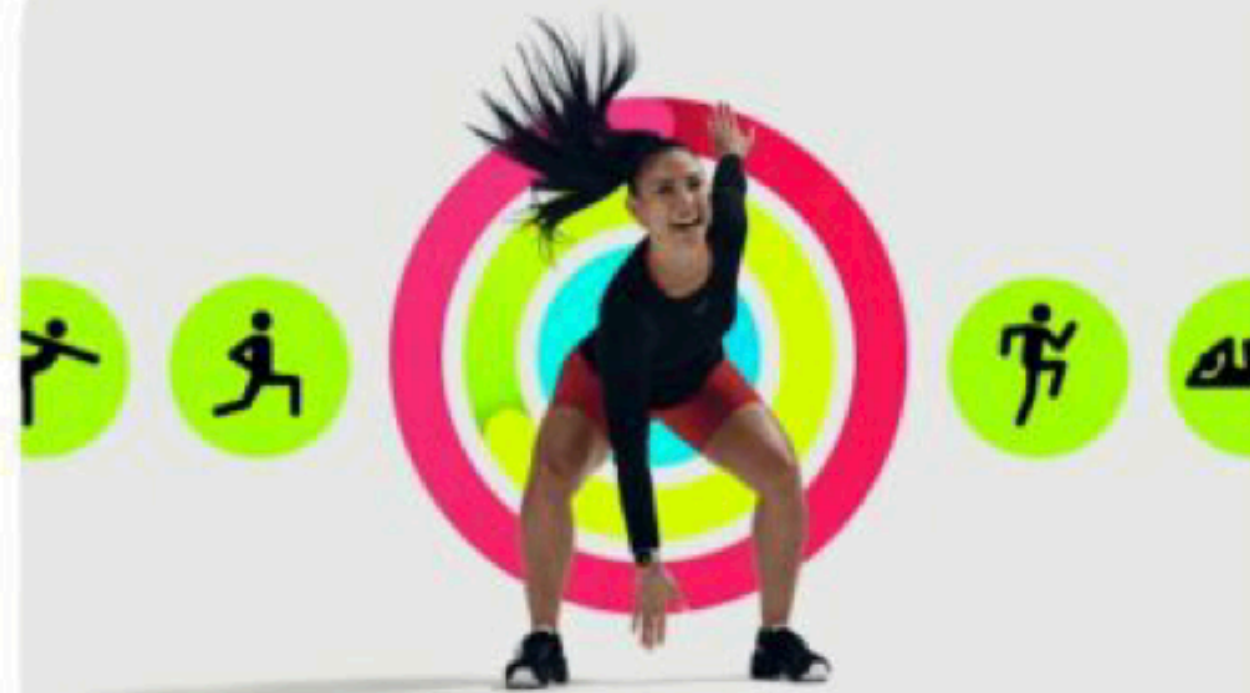
New ways  
to navigate



Palette



Snoopy



New features for Fitness+

Topographic  
maps



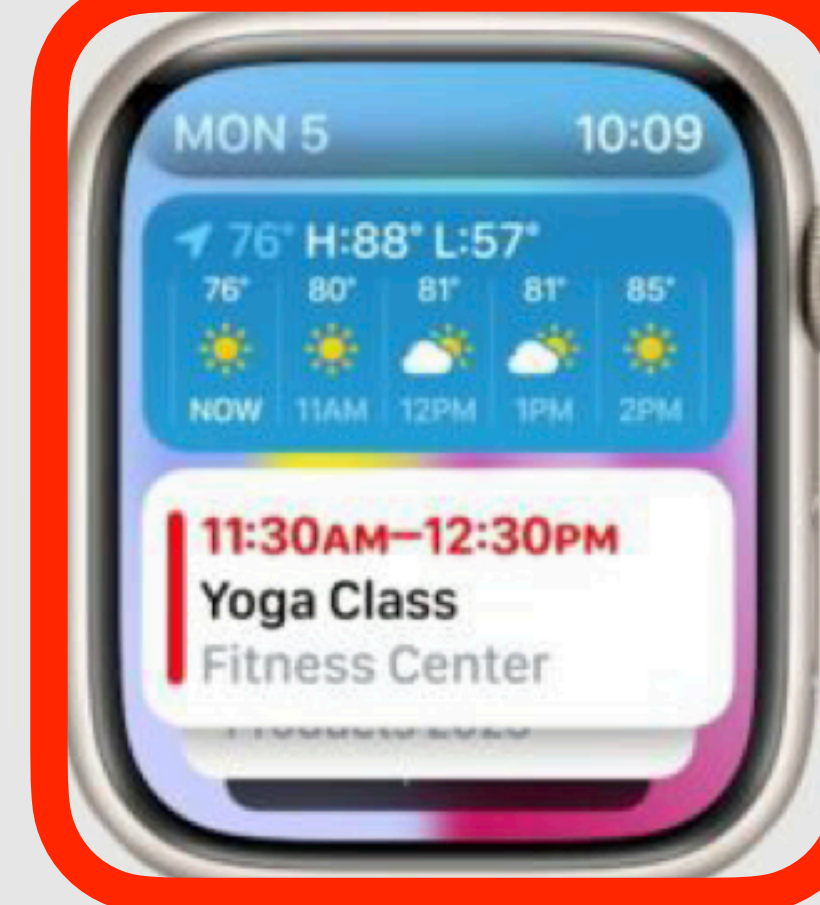
Power Zones



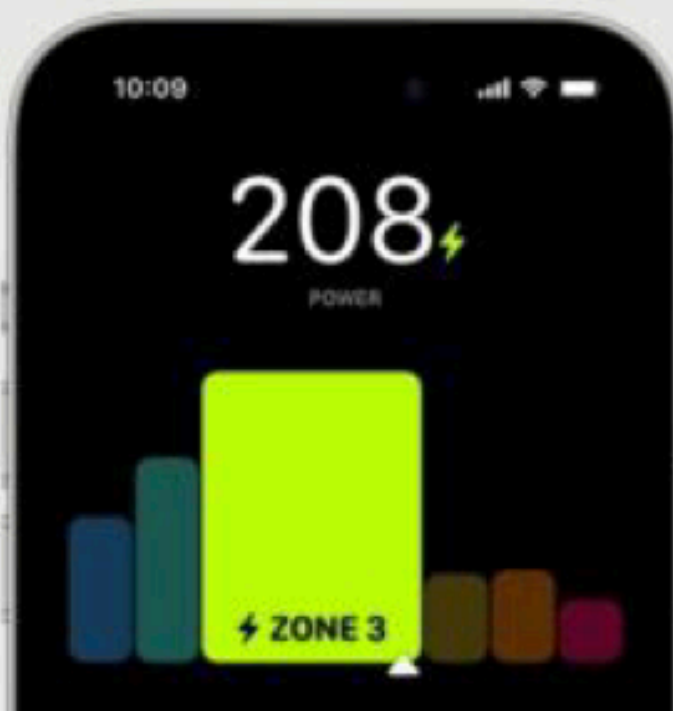
NameDrop



# watchOS



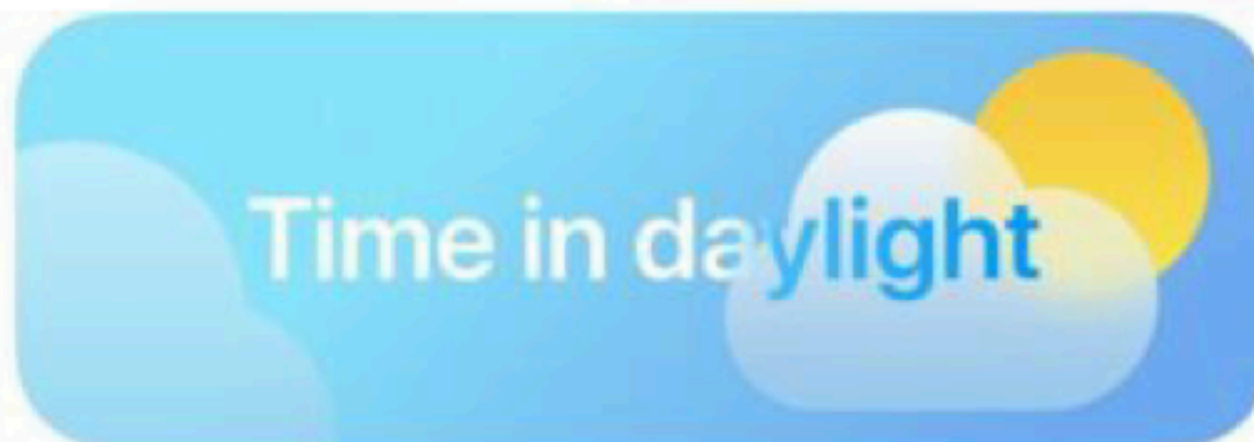
Smart  
Stack



Group FaceTime audio



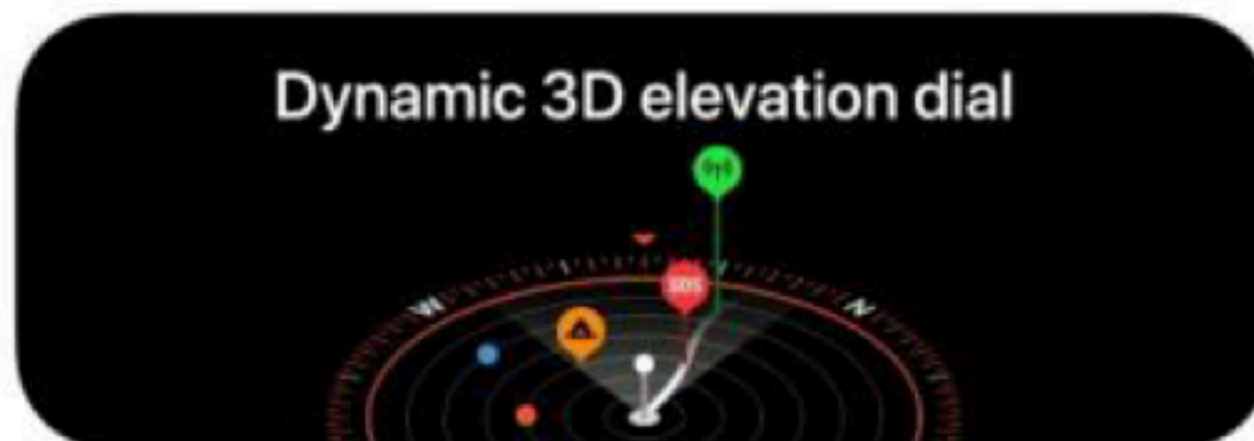
Time in daylight



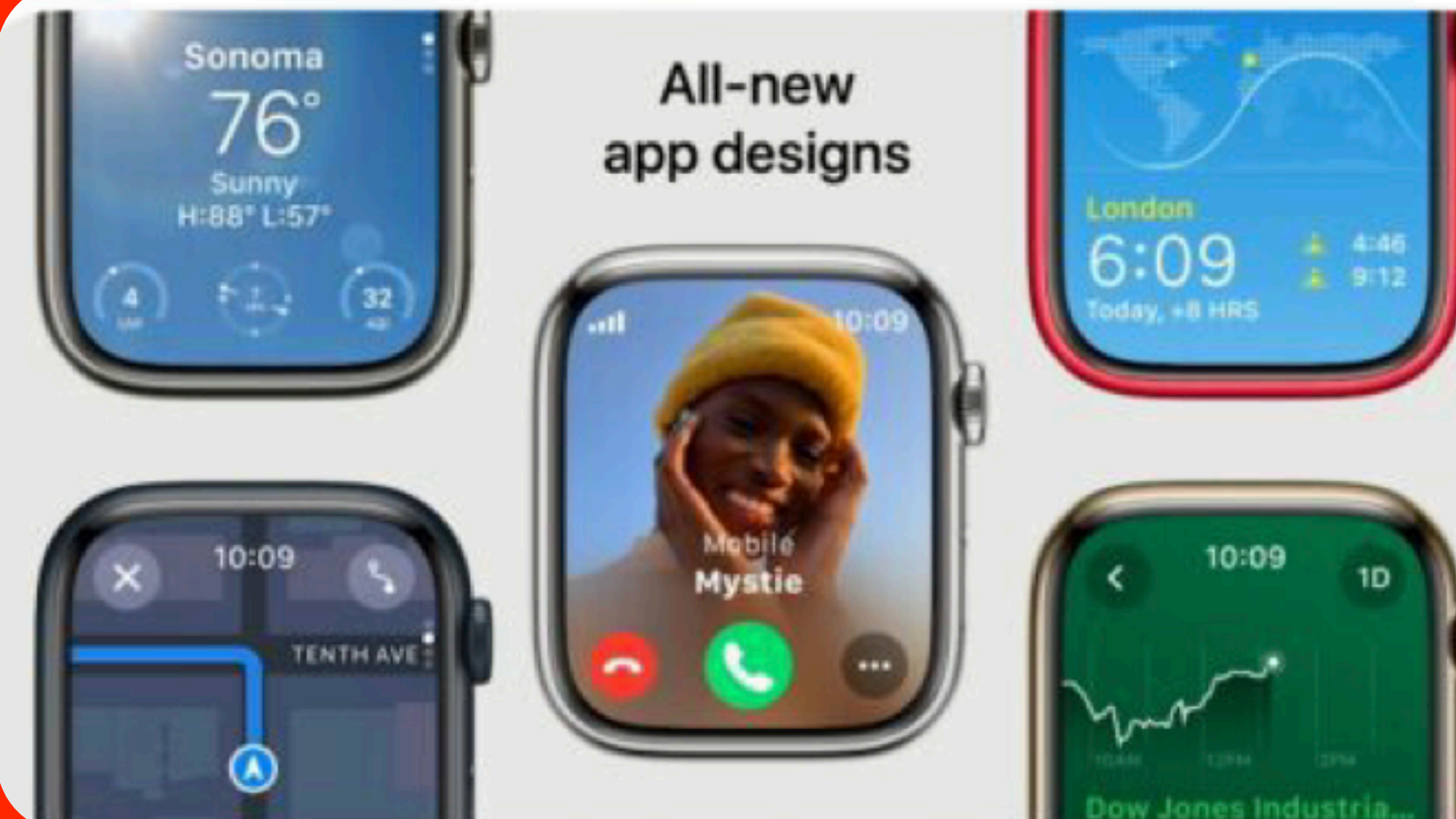
Mental health



Dynamic 3D elevation dial



All-new  
app designs



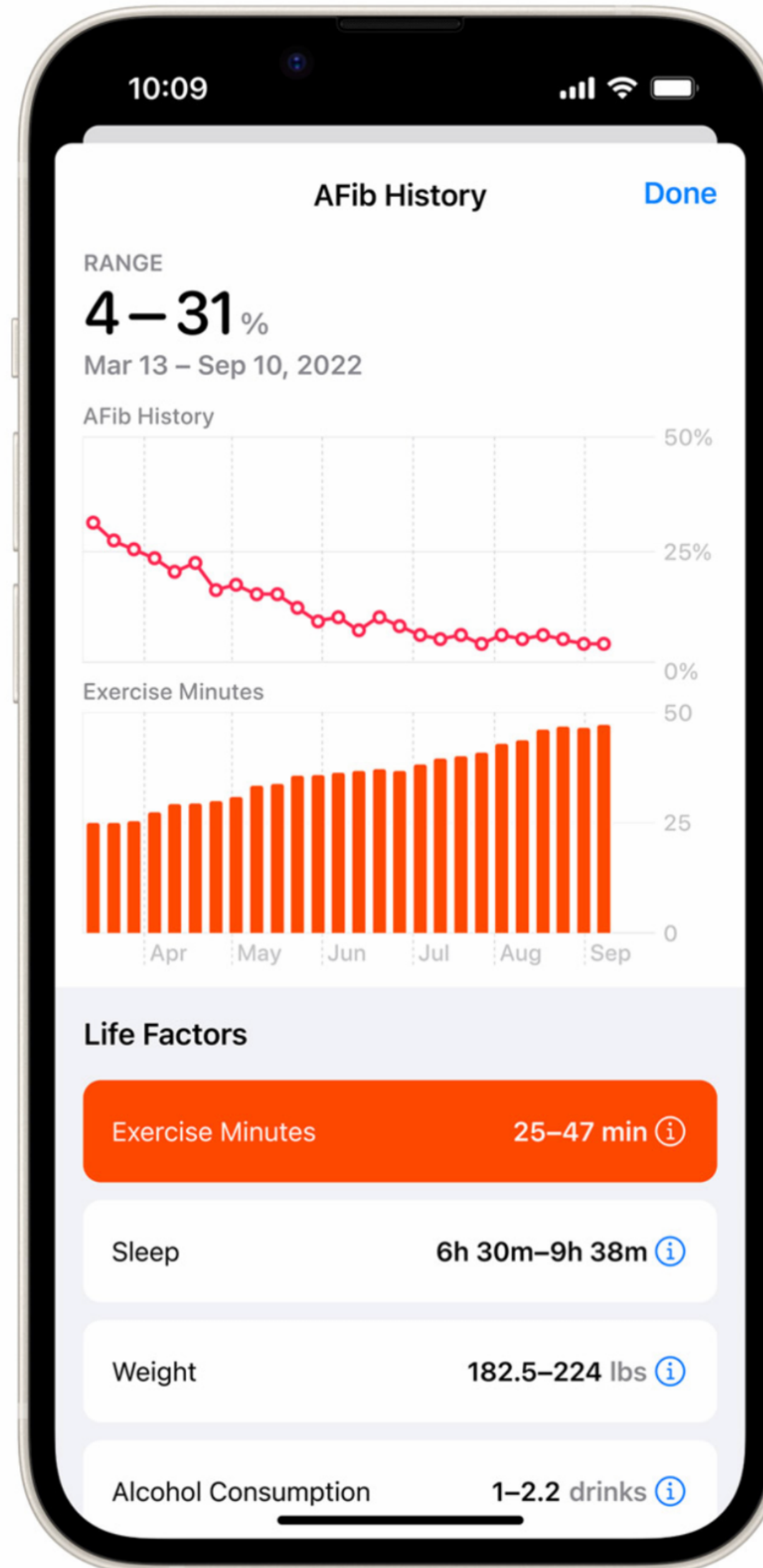


# AFib History Tracking

If you've been diagnosed with atrial fibrillation, AFib History on Apple Watch can estimate how frequently your heart is in AFib. And in the Health app you can track lifestyle factors that may influence your condition.<sup>7</sup>



<sup>7</sup> AFib History is for users 22 years or older and diagnosed with atrial fibrillation. AFib History is not currently approved and/or available in all regions. AFib History is available on Apple Watch Series 4 and later, including Apple Watch SE, and requires the latest version of watchOS and iOS.



Apple Watch  
Series 4 and later

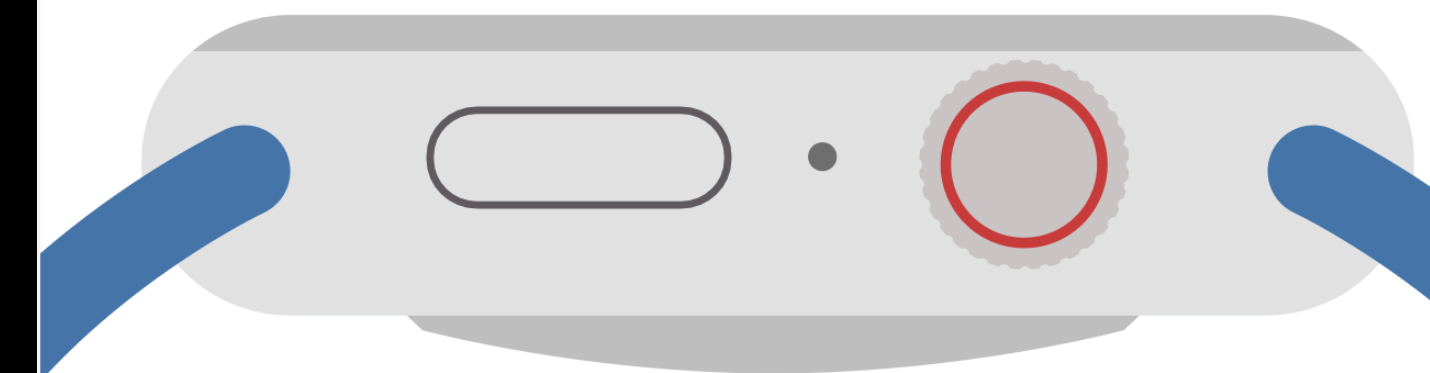
# Smart Stack



Get the information you need, right when you need it, from any watch face. Simply turn the Digital Crown to reveal widgets in the Smart Stack.



Activate  
**Control Center**  
from any app,  
simply by  
pressing the  
side button.







# Many Redesigned Watch OS apps

Such as the Activity apps





# New WatchFaces





# Cycling workout from Watch to Live Activity on iPhone





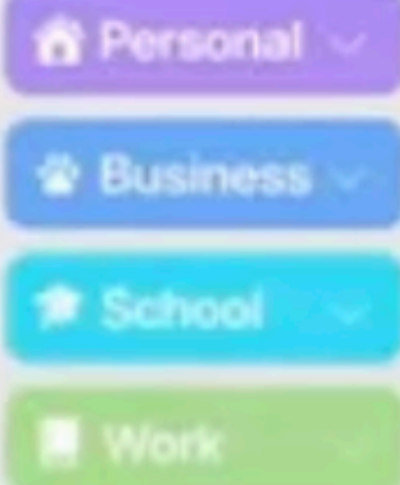
# Mac OS14





# MacOS 14 is... Sonoma

Screen savers

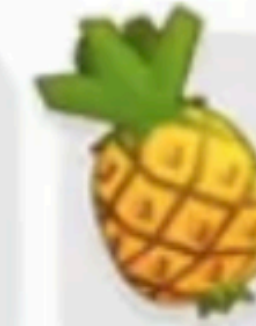


Profiles in Safari



Game mode

Hey  
"Siri"

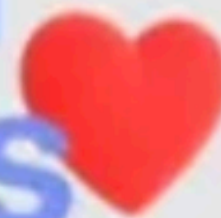


Live Stickers  
in Messages



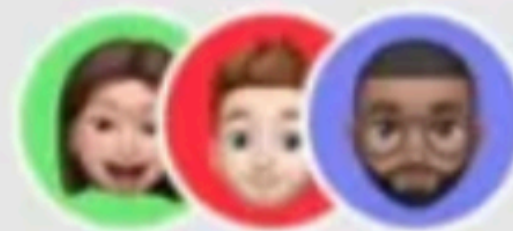
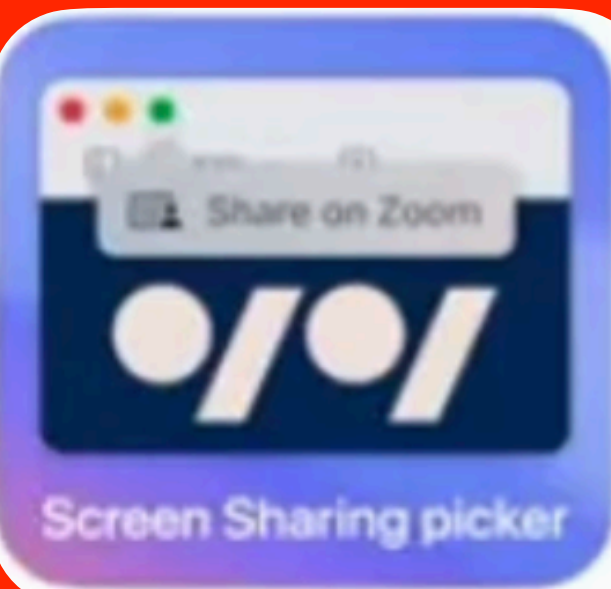
Predictive text

Camera  
reactions



macOS

Presenter Overlay



Shared passwords

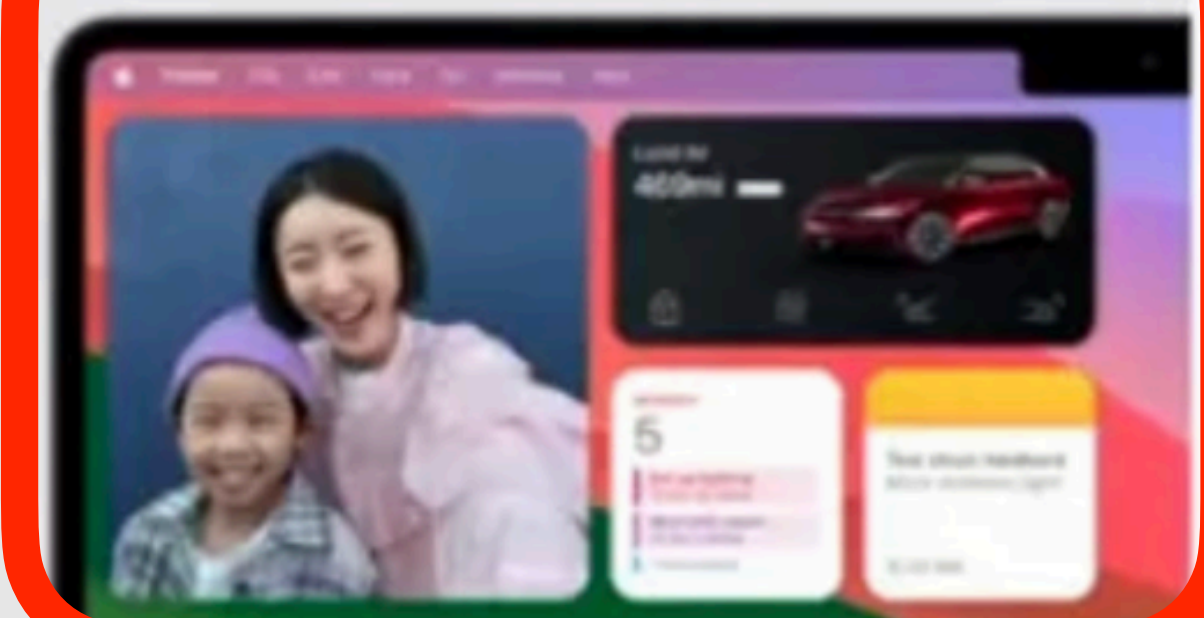
Locked Private Browsing windows

Web apps in Dock



Document AutoFill

Widgets on desktop



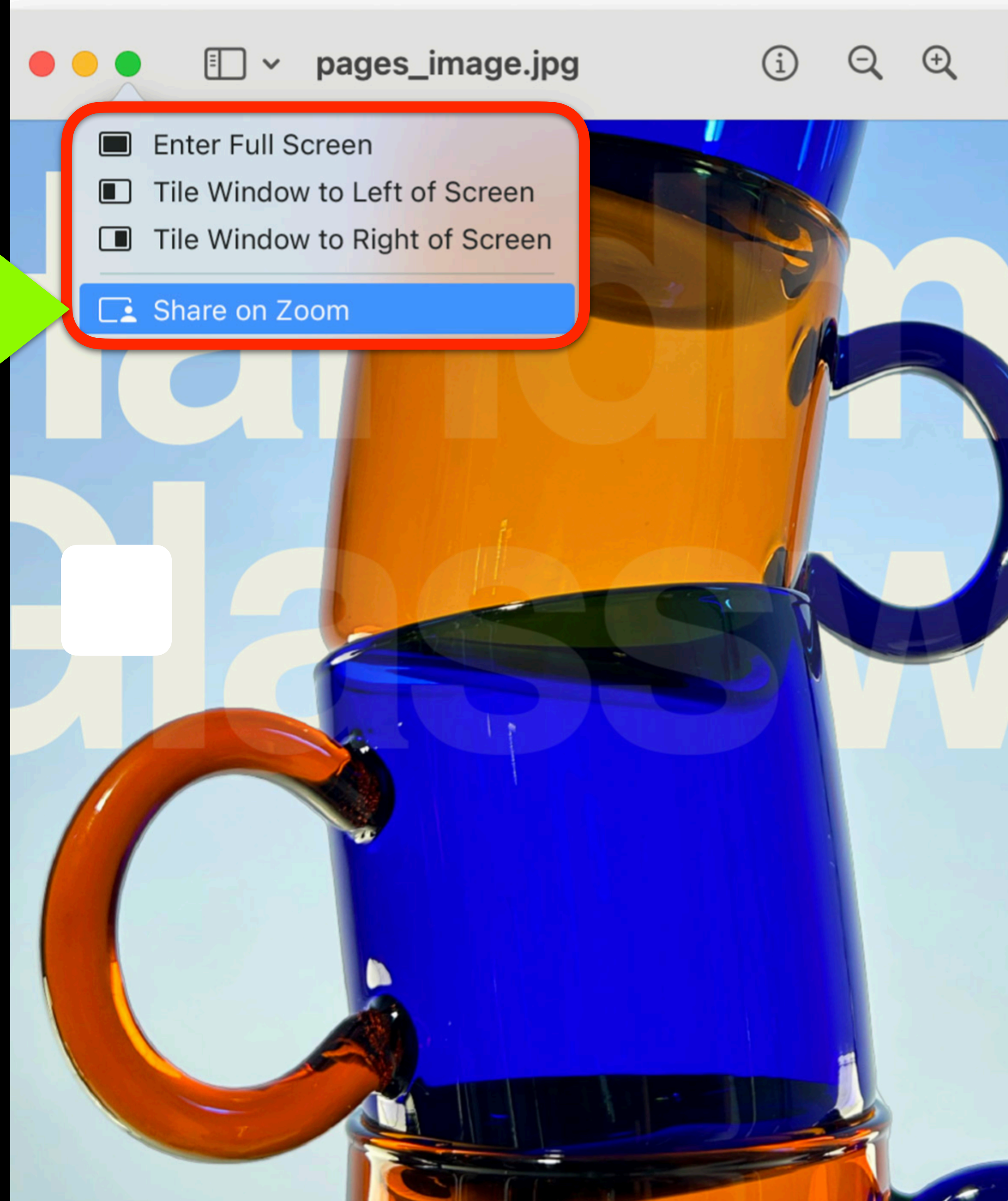


Many new features on the iPhone and iPad  
are also incorporated in Sonoma.



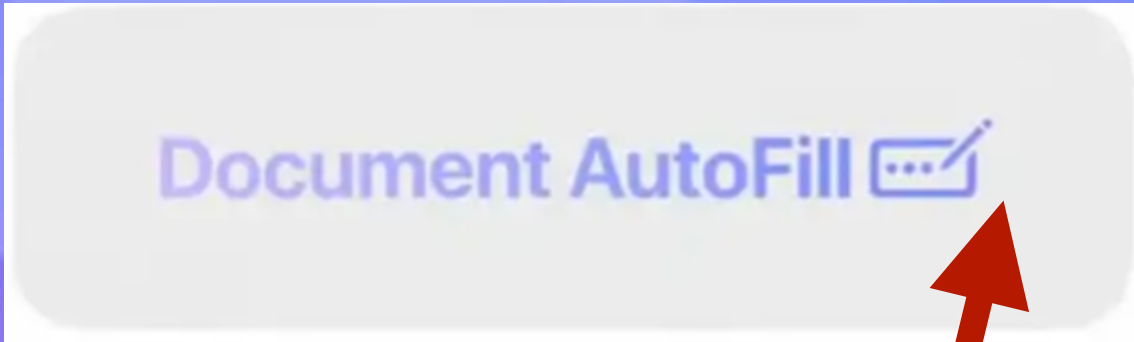
# Screen Sharing Picker

Share an app or multiple apps  
on a FaceTime or Zoom video call





# Auto Fill of PDFs is also in Sonoma



Inbox

150 messages, 10 unread

Sophie Sun

8:30 AM

VERA intake form

Hi Sarah, In advance of your appointment, please complete, sign and return our intake form so...

Graham McBride

7:30 AM

Appreciation event

Thanks, that's perfect! I'll let you know as we have more info when and where exactly to drop off...

Xiaomeng Zhong

7:00 AM

It's me again

Hey Sarah! Just wanted to double-check that you got the files I sent over! Let me know if every...

Magico Martinez

Yesterday

Tuesday meeting

Hi Sarah, In advance of your appointment, please complete, sign and return our intake form so ...

Brian Tran

Yesterday

Birthday card

What do you think of this picture? It's old but it's so cute and really captures his spirit! I have a...

Chad Benjamin Potter

Yesterday

Birthday invitation design

Here's an updated design with a light blue background and the new photos. Let me know...

Chad Benjamin Potter

Yesterday

Decorations help?

I bought some gold decorations that will be perfect. I just don't know what to wear. If time permits...

Acupuncture Form.pdf

1 page

Fillable Form

Fill Out Form



VERA

Acupuncture

Wellness Center

Intake Form

PATIENT INFO

NAME \_\_\_\_\_ EMAIL \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_

PHONE \_\_\_\_\_ DATE OF BIRTH \_\_\_\_\_

EMERGENCY CONTACT

EMERGENCY CONTACT, NAME \_\_\_\_\_

PHONE NUMBER \_\_\_\_\_ RELATIONSHIP \_\_\_\_\_

MARK AREAS OF DISCOMFORT

43

MEDICAL INFORMATION

ANY RECENT INJURIES?





## The Presenter Overlay video conferencing feature



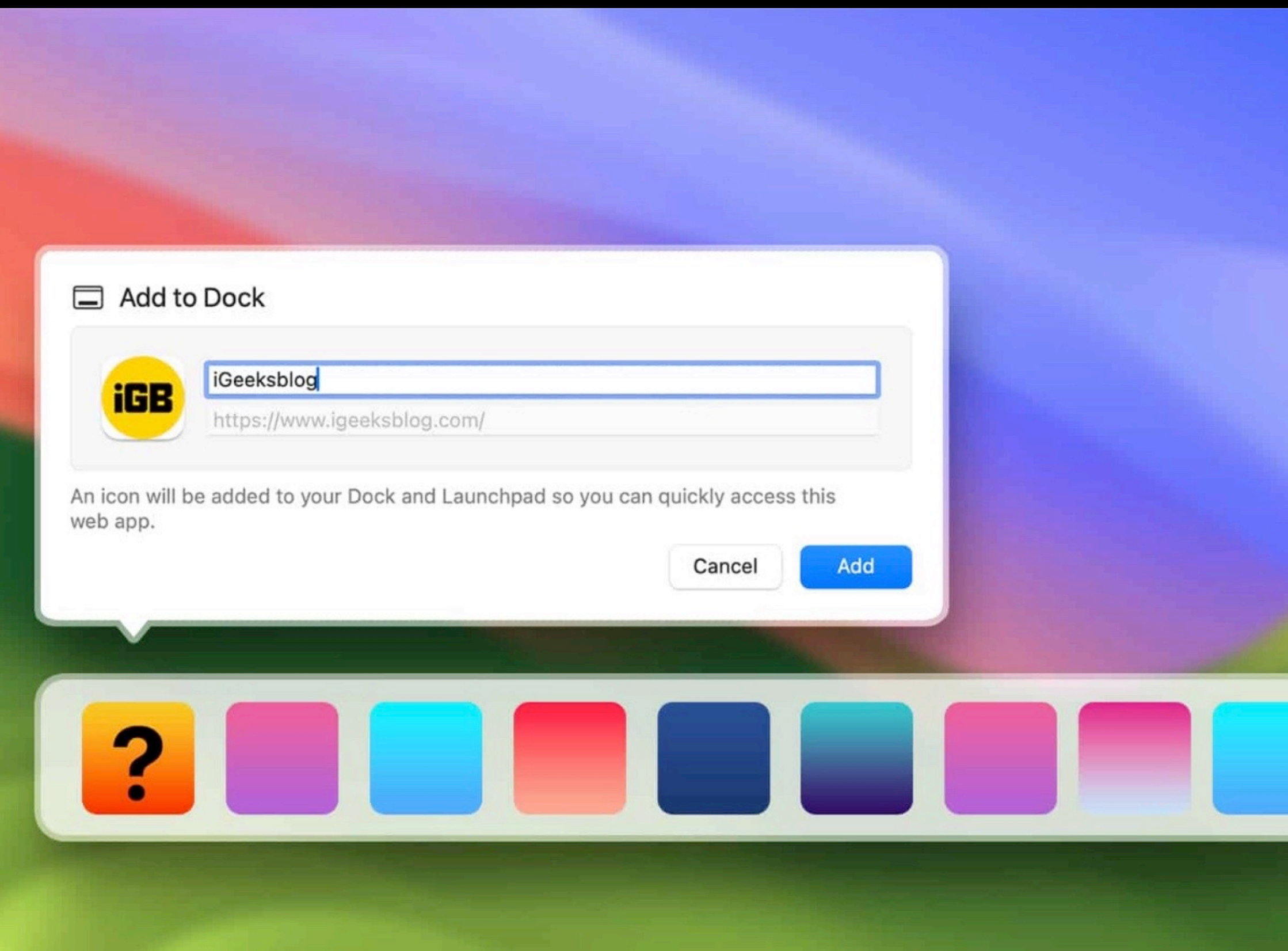
requires a Mac  
with Apple Silicon

Will work in Zoom  
and Web EX



# Create Web apps in Safari

## Turn any webpage into a Mac app



Convenient

Faster

Easier to see

Act like native apps

Accessible in the Dock

Spotlight, Launchpad

Secure as they are sandboxed

Only works in Safari

Found in the Dock



# Widgets no longer confined to Notification Center

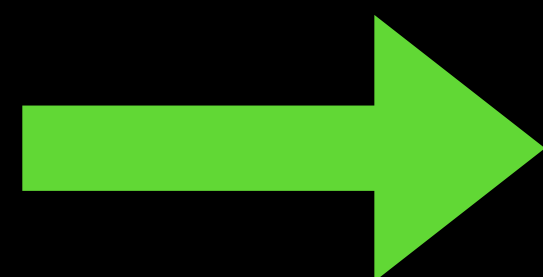


They live on the desktop and are interactive

With Continuity you can access your existing **iPhone and iPad widgets**

Widgets fade in the background for better focus





MacMost Demo  
Apple ID

Wi-Fi

Bluetooth

Network

Notifications

Sound

Focus

Screen Time

General

Appearance

Accessibility

Control Center

Siri & Spotlight

Privacy & Security

**Desktop & Dock**

Displays

Wallpaper

Desktop & Dock

Show indicators for open applications

Desktop

Show Items

Show Widgets

Click wallpaper to show desktop items

Stage Manager

Stage Manager arranges your recent windows into a single strip for reduced clutter and quick access.

Applications

Recent applications in Dock

Default web browser

Widgets

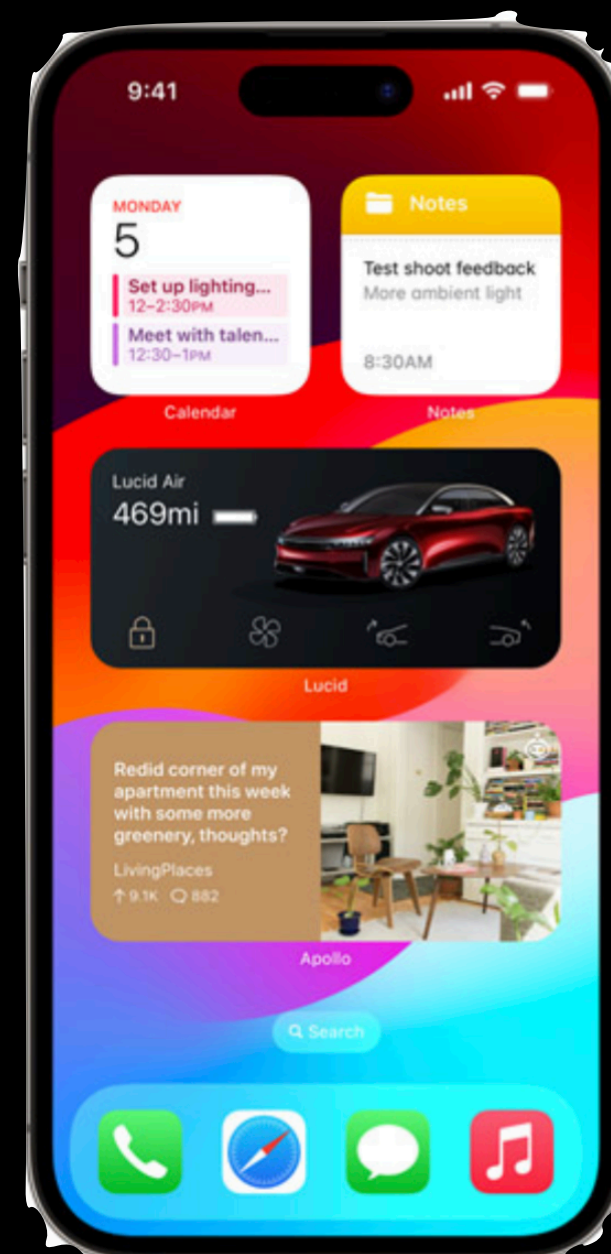
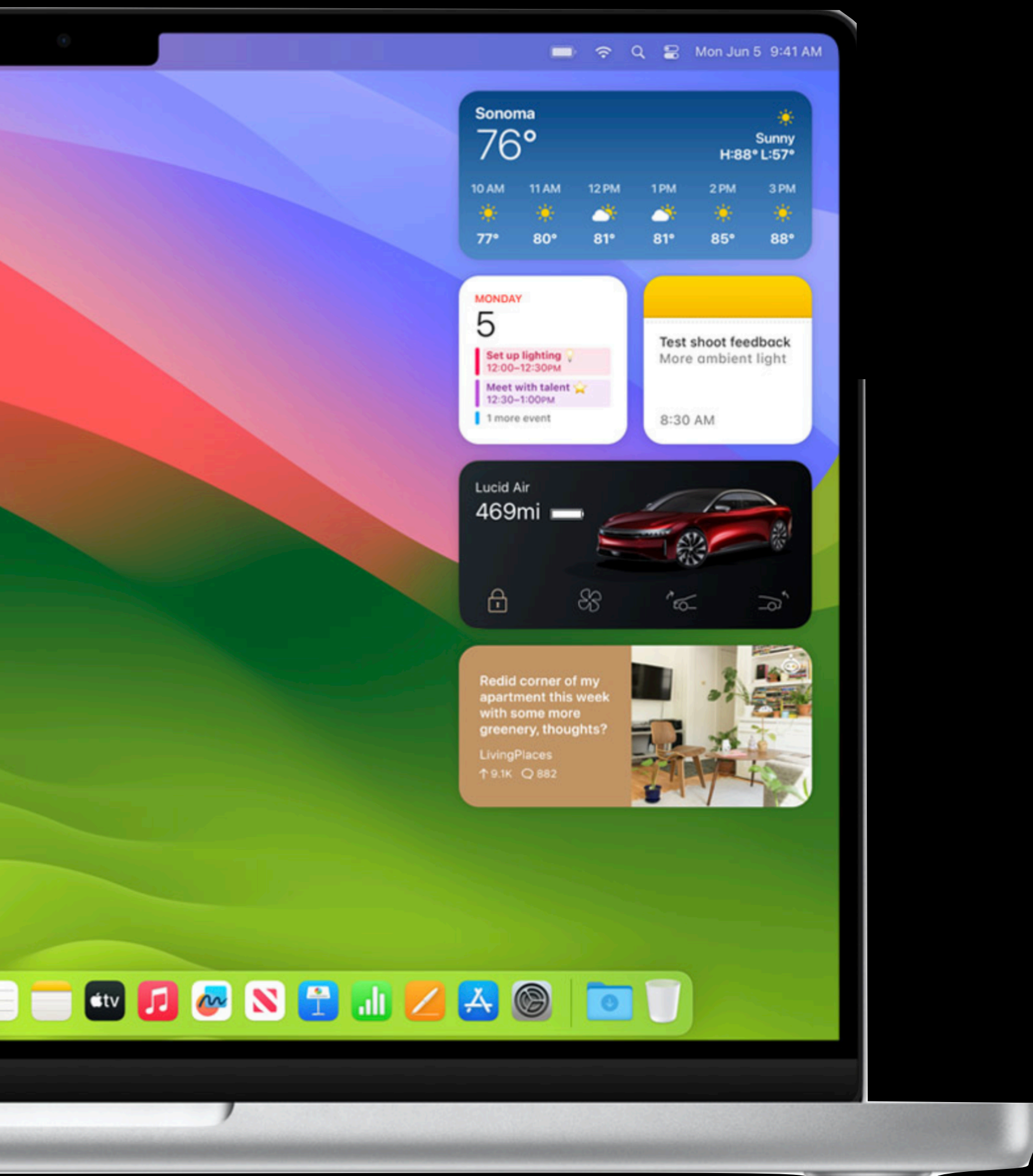
Widget style

Use iPhone widgets

Windows



# Access iPhone Widgets on your Mac



With **Continuity**, you can add your iPhone widgets to your desktop without having to install the corresponding apps on your Mac.



# tvOS 17





# A Revamped Control Center



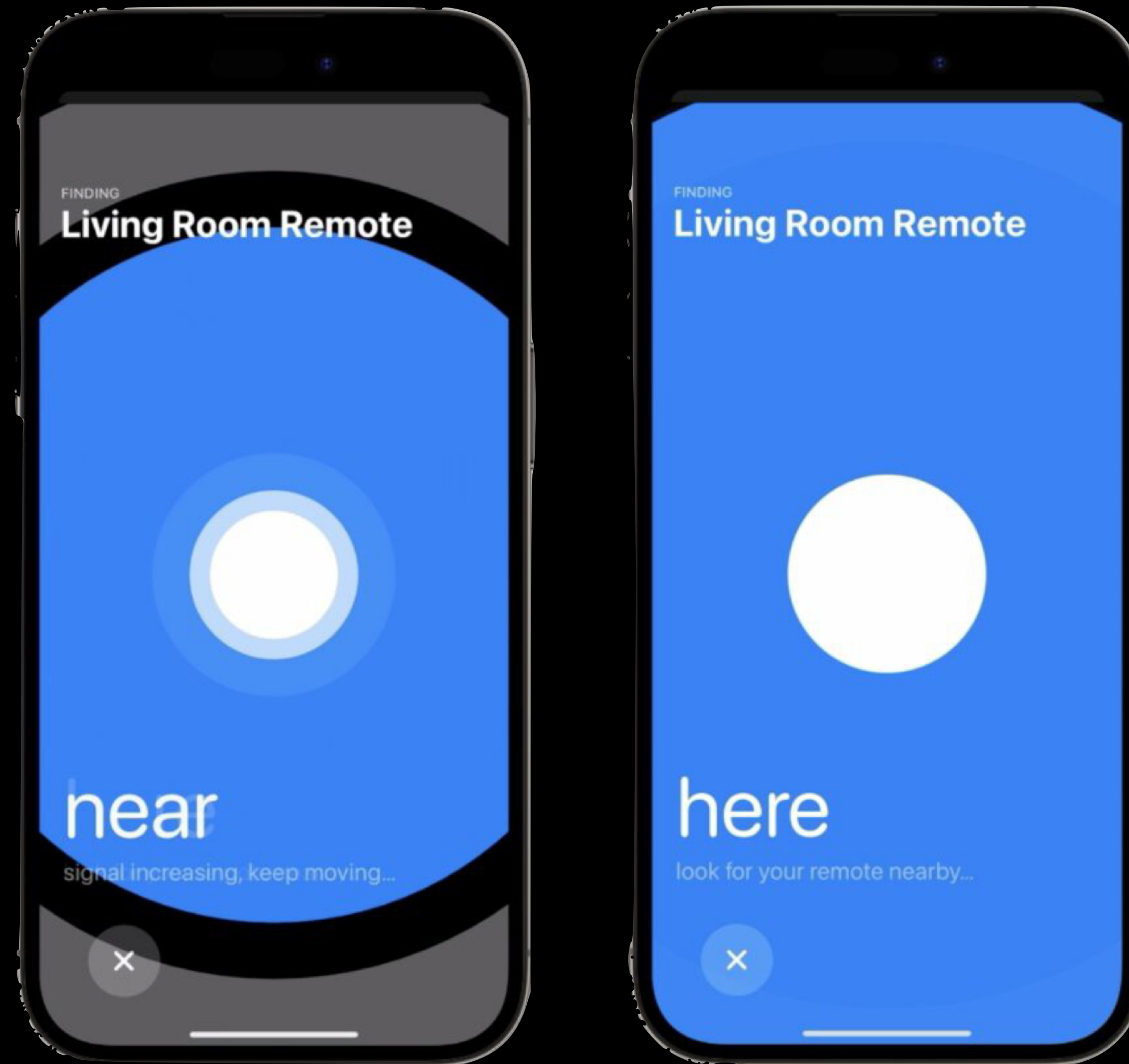
Patently Apple







Potentially Apple



Find your Apple TV remote with your iPhone



# Enhance Dialogue

## tvOS 17



Lets users more clearly hear what is being said over the effects, action, and music in a movie or TV show on **Apple TV 4K paired with HomePod** (2nd generation) by separating the dialogue from the background noise and bringing it forward to the center channel.

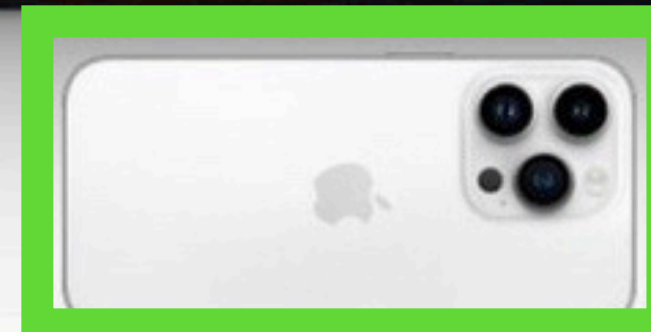
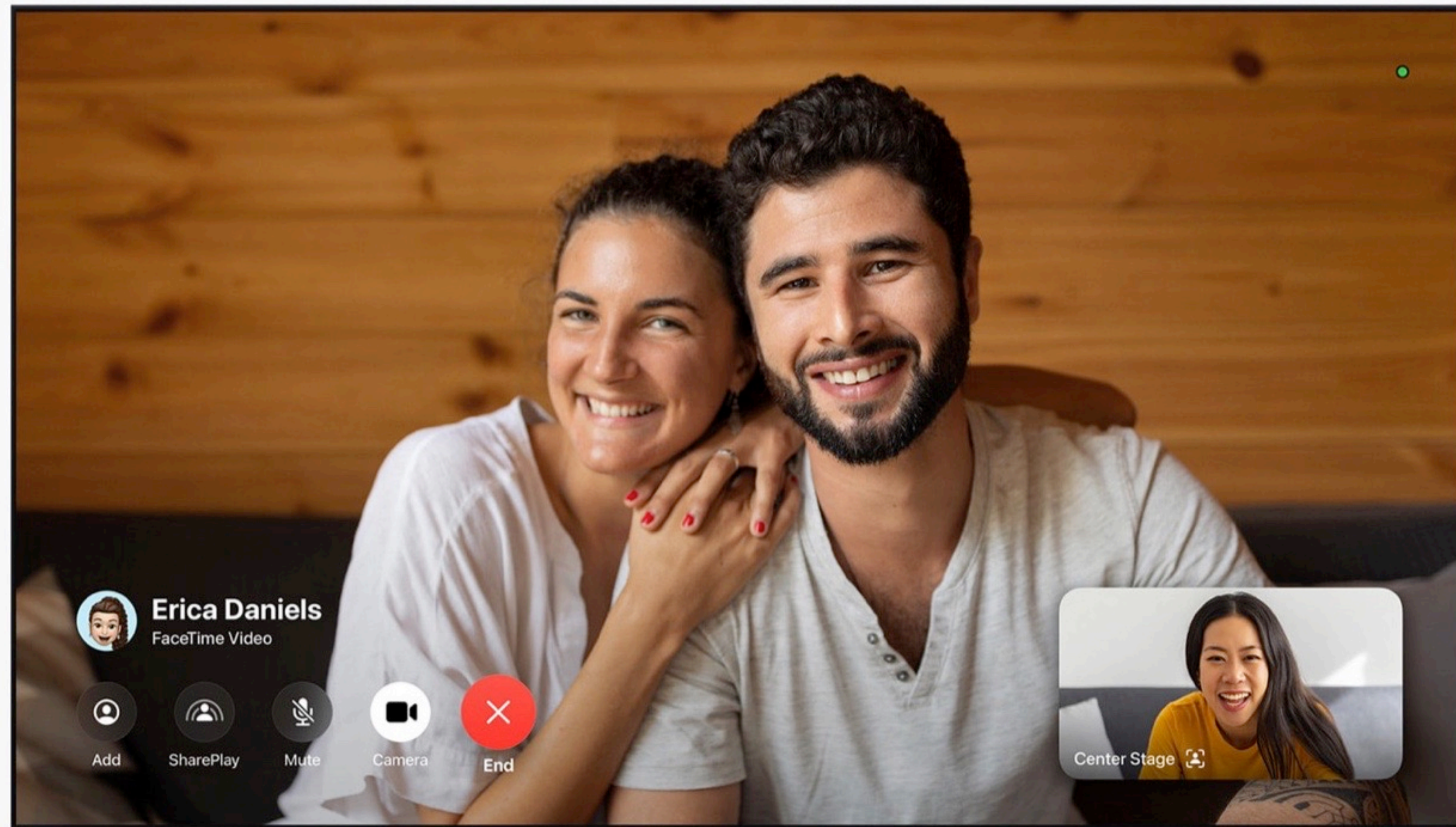




Use the iPhone or iPad camera wiith a 4K Apple TV



## TVOS 17



TVOS 17 Use 4K Apple TV with your iPhone or iPad camera to do FaceTime, Zoom and WebEx on your TV



# Live FaceTime effects



No sound available.



# Privacy Protection from **AI** Vulnerabilities

Tracking Protection  
Private browsing  
Photo privacy

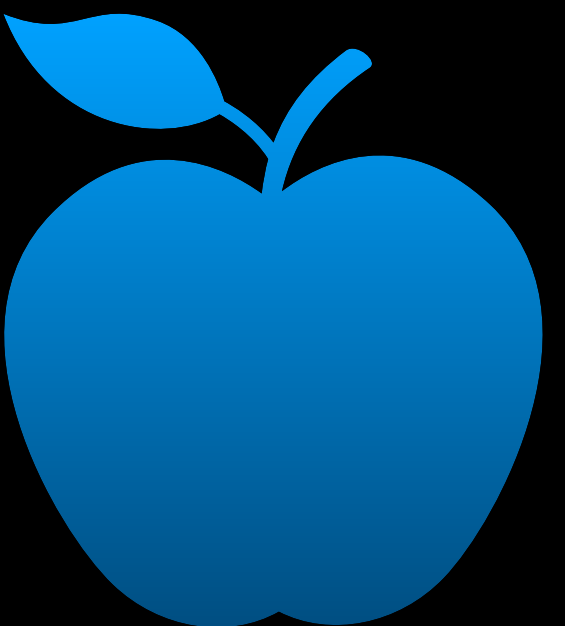


**Deepfakes** are synthetic media that have been digitally manipulated to replace one person's likeness convincingly with that of another.

Wikipedia

**Identifying code vulnerabilities**

**Protecting against deepfakes**





# Apple Vision Pro



Coming in early 2024





# Questions & Discussion

