



## New iPhone features available with iOS 13

The new IOS13 update for iPhone adds so many new features that to cover all of them would take numerous meetings, so we have culled down the total list of new features to the ones that we think club members will find adds to their iPhone experience....but more importantly features you will actually use!

To begin, suffice it to say that a number of the new features are “behind the hood”, in other words they are improvements in how your phone functions overall. Some of them include:

**-Apps will launch 2X faster** and App downloads from the Apple Store will be smaller meaning faster downloads.....and they will take up less storage space...extending the life of phones with smaller storage

**-Optimized Battery Charging**-This new option slows the rate of battery aging by reducing the time your phone spends full charged....yes its not great to leave that phone plugged in for a long time. But this feature really helps that by learning your daily charging pattern and automatically adjusting. To turn this option on: **Go to Settings and Click on Battery then click to turn on Optimized Battery Charging**

**-Privacy and Security**- You might have noticed this already if you have downloaded the update. You're getting notifications telling you that an app is using your location or Bluetooth connection The notifications give you the option of letting that app continue to use your location and connection OR only when the app is open OR never.

**-The new FIND MY App-** The Find My Phone and Find My Friends apps are now combined into one app called FIND MY. Works the same way just in one app. *HOWEVER AND THIS IS BIG....there's a new feature that finds off line devices.* Previously the one glitch in locating lost devices was that it could only locate the device if the lost device was still connected to wi-fi or a cellular signal. NOW when you mark you device as lost it triggers a detection mode in the Bluetooth connection in the lost device (SO YES always keep your Bluetooth setting on...it doesn't burn your battery). When someone with another Apple device is nearby it detects the Bluetooth connection of your lost device and sends you the location where the signal was picked up. And don't worry its encrypted and private on both ends.

**-Custom Fonts-** You can now download custom fonts from the app store and use them in all apps that you type text into

**-Time Synced Music Lyrics-** For those of you karaoke fans or those of you that just want to see the actual lyrics to Louis-Louis...you can turn on lyrics in the Apple music app and follow along on the screen as the music plays. Just make sure to do it in the shower only!

**-Phone Screening-** A new setting in the phone app lets you turn on number screening that will allow only those calls from numbers in your contacts, Mail or Messages to ring your phone....all other calls will be sent directly to Voice Mail.

**-Air Drop and Share Sheet-** In Air Drop you can now see how many people around you are available for Air Drop and apps are sorted based on the content your sharing. When you share a photo or document you'll get suggestions on who to share with and what app to use.

**-Sign In With Apple-** Google and other web services have already set up web and app sign-ins by just using your sign in credentials to gain access. This allows you to basically use (and remember) just one User Name and Password. Now Apple has introduced the service Called Apple Sign in.

You can sign in to apps and websites quickly and easily using the Apple ID you already have. No filling out forms or creating new passwords. Once set up when you go to a web page or app requiring a sign in, just tap “Sign in with Apple,” use Face ID or Touch ID, and you’re all set. Not every site or app has this ability yet, so look for the “Sign In With Apple” logo on the Opening page of the app/site and follow instructions to set this up.

### **-Better System Experience-**

\* **Control Center**: You can now quickly and easily select wi-fi networks and Bluetooth accessories right from the Control Center by pressing down on the wi-fi or BT icon

\* **Quick Actions**: Press and hold an app icon and it will bring up a menu of app specific actions without having to open the app and then search for what you want to do.

\* **Full Page Markup**: You can now take a screen shot of an entire web page, document, email or map and then mark it up with notes to send on or save.

\* **Sign In With Apple ID**: As you go to sign into a web site or open an app you probably have noticed that you have an option to sign into those sites with your Facebook or Amazon credentials, meaning you don’t have to remember that page or apps log in info. So for example you can just sign with your Facebook ID....if you remember it. With Apple Sign in you can log into sites and apps by just using your Apple ID and if you have Face Recognition or Finger Scan on your phone then that’s all you would need on that site or app. Its much safe and private than the other sign in options.

\* **Camera**: Feature upgrades here are all about Portrait Mode which not everyone has depending on the phone model and year. If you take a lot of pictures of family, the Portrait mode if you don’t have it, is almost worth the cost of a new phone. The IOS13 upgrade to Portrait mode gives you the ability to adjust the Lighting intensity for

more dramatic shots. The results you can get from Portrait mode can just about equal a professional photo shoot.

\* **Siri and Shortcuts:** In the new IOS13 update the Siri voice is more natural not as computer generated and you can do much more with it using the new Shortcuts App. You can create automations from many apps you use all the time and control them by using Siri. You find an article that you want to read later, just say “Siri save article for later” or “Siri Open saved articles” etc.

# The Major Stuff

## **Dark Mode**

This new feature isn't for everyone but it is something you might want to “play with” and see if you like it.

The new Dark Mode option gives iOS and apps a beautiful dark color scheme. Perfect for low-light environments, Dark Mode is easier on your eyes and won't disturb people around you.

### **Turn on manually**

Tap the new button in Control Center to quickly turn Dark Mode on and off, such as when you enter a dark room or theater.

### **Scheduled**

Have Dark Mode turn on and off at a certain time or based on sunrise and sunset, which is great when you're outside at night or using your iPhone before you go to bed.

### **Wallpapers**

New wallpapers optimized for Dark Mode automatically change as you switch between light and dark.

## **System integration**

Dark Mode is beautifully integrated throughout iOS, from built-in apps and settings to system-level views.

## **Photos**

There are a lot of new iOS13 features in the Photos App including some really advanced photo and video editing tools, Music playback, Filters etc....BUT the features below are the ones that most of us will be interested in using.

### **All-new Photos tab**

The all-new Photos tab lets you browse your photo library with different levels of curation, so it's easy to find, relive, and share your photos and videos. You can view everything in All Photos, focus on your unique photos in Days, relive your significant moments in Months, or rediscover your highlights in Years.

### **Smart photo previews**

In Days, Months, and Years, photo previews are larger to help you distinguish between shots. Photos uses intelligence to find the best part of your photo in photo previews, which means you get to see the uncropped version of your photo when you tap to view it.

### **Removes similar shots and clutter**

Duplicate photos, screenshots, whiteboard photos, documents, and receipts are identified and hidden, so you see only your best shots.

### **Significant events**

Months presents your photos by events, so you can rediscover the moments that matter most.

### **Event titles**

The Photos tab displays the name of the location, holiday, or concert performer to provide helpful context for your significant events.

## **On this Day**

Years is contextual, so it shows you photos taken on or around today's date in past years.

## **Birthday mode**

If you have birthdays assigned to people in your People album, the Photos tab will highlight your photos of them on their birthday.

## **Search enhancements**

You can combine multiple search terms — like “beach” and “selfies” — without tapping each word in search.

# **Messages-Reminders**

The messages App has a number of new features that center mostly on emojis...if you're into that. As far as the Messages App itself there are new search tools making it easier to search for a conversation.

As you know Apple introduced Memojis and Animojis a couple of years ago for use with the iPhone X that had the his res front facing camera. You still need an iPhone X and above to make memojis and animojis but if you have one you'll like the new features.

## **Share name and photo**

Automatically share your name and photo when you start a conversation or when the other person responds in a message. Decide whether you share with everyone, just your contacts, or not at all. You can even choose to use an Animoji, image, or monogram for your photo.

## **Memoji stickers**

Automatically generate sticker packs based on your Memoji and Animoji characters that allow you to express a range of emotions in Messages.

## **Improved search**

Search in Messages makes it easier to find what you're looking for. Even before you type a character, you can see recent messages, people, photos, links, and locations you might be looking for. When you type in a search, Messages categorizes the results and highlights matching terms.

## **Improved details pane**

The details pane organizes links, locations, and attachments that have been shared in the conversation so they're easy to find at a glance.

## **Improved Memoji customization**

Makeup lets you customize blush and eyeshadow and includes editing tools that make it easy to get just the right look. Customize your teeth with braces and add piercings to your nose, eyebrows, eyelids, and around your mouth. There are also 30 new hairstyles, over 15 new pieces of headwear, and more earrings and glasses.

## **New Animoji**

Three new Animoji characters — mouse, octopus, and cow — give you more options to express yourself.

## **Messages Reminder integration**

If you use the Reminders App (and that App is redesigned and very useful) you can now Tag someone in a Reminder you have created and the next time you're chatting with that person in Messages, that reminder will surface right then and there. Also when your chatting with someone in Messages Siri recognizes other possible Reminders and makes suggestions for you to create them. For example you're chatting with someone about picking up a cake for a Birthday party both of you are going to next week....Siri will suggest you create a reminder to pick up that cake.

# Keyboard

The new Keyboard is something you must experience because it's a whole new experience.

## QuickPath

The QuickType keyboard now includes QuickPath, so you can swipe your finger from one letter to the next to enter a word without removing your finger from the keyboard. You have to try this and its automatic, the same Keyboard you have been typing on since the update can also be "swiped" on to input text. It's strange at first but it's a really easy and quick way to input text and you can swipe or tap to type interchangeably, so you can choose what's most convenient even if you're mid-sentence.

## Alternate word options

Alternate word options appear in the predictive bar, so you can quickly choose a different option.

## New Language Keyboards-Automatic language selection in Dictation\*\*

If you use the dictation microphone at the bottom of the keyboard to input text it now automatically detects which language a user is speaking. The language will be chosen from the keyboard the many new languages that you can enable on the device, up to a maximum of four. You can enable other languages for the keyboard by going to Settings-KeyBoard and selecting the language.

*\*\* If you do use Dictation to input text, well wait until we get to the new Voice Control feature*

# Text Editing

Text Editing in IOS13 has been greatly improved in many ways and ties in to Mail and Messages which are the two app most people use for text entry, but can be used with Apple Pages and other productivity apps where you enter text.



## **Scroll bar scrubbing**

Instantly navigate long documents, web pages, and conversations by dragging the scroll bar.

## **Cursor navigation**

Moving the cursor is even faster and more precise — just pick it up and drag it to where you want. It will automatically snap to lines and between words. You can use your finger OR use the Space Bar hack to move the cursor.

## **Text selection**

Select text just by tapping and swiping. For quick sentence and paragraph selection, triple- or quadruple-tap.

## **Text Editing Tools**

There are a whole new array of text editing tools that are easy to access and provide you with an almost word processing experience. This is another game changer.

# **Accessibility**

Ok this is HUGE! The Accessibility app is generally only utilized by people in need of help because they have vision, hearing or physical challenges and the tools in the app assist them in better utilizing the phone. *Amazingly* Apple chose to almost hide what is one of their most interesting and useful upgrades, Voice Control.

## **Voice Control**

Apple has introduced a new way to control and communicate with your iOS devices, entirely with your voice.

## **Accurate dictation**

Voice Control uses the Siri speech recognition engine to give you the latest advances in machine learning for audio-to-text transcription.<sup>12</sup>

## **On-device processing**

All audio processing for Voice Control happens on your device, which means that unlike dictating with Siri where you need a WiFi or cellular connection you can use voice control any time even in the Air Plane mode. It also ensures that your personal data is kept private.

## **Rich text editing**

Thanks to rich text editing commands, you don't have to rehearse before you speak. Making corrections is quick and easy. You can replace phrases by name. Try saying, "Replace I'm almost there with I just arrived." Fine-grained editing also makes it simple to select text. Try saying, "Move up two lines. Select previous word. Capitalize that."

## **Word and emoji suggestions**

If you need to correct a word, simply ask and you'll be presented with a list of suggested replacements.

## **Seamless transitions from dictation to commands**

Voice Control understands contextual cues, so you can seamlessly transition between text dictation and commands. For example, say "Happy Birthday. Tap send." in Messages, and Voice Control sends "Happy Birthday" — just as you intended. You can also say "Delete that," and Voice Control knows to delete what you just typed.

## **Comprehensive navigation**

You can rely entirely on your voice to open and navigate within an app. Comprehensive navigation is provided by navigation commands, names of accessibility labels, numbers, grids, voice gestures, and recorded commands.

## **Health App**

The Health App has been revamped with a new look and more features which (in addition to keeping track of your personal fitness information like weight, exercise, sleep patterns, heart and pulse rate info) give you complete access to your health records and vitals.

### **Highlights**

Using data from apps and devices you use most, you can see automatically generated charts and graphics including comparison bar charts and line

### **New profile page**

Track your personal health in a profile that includes medical ID, organ donation status, health records accounts, and connected apps and devices.

### **Medical Profile**

You can now download your medical history and records to your health app from many medical charting services used by Hospitals and physician practices. If you have access to your personal chart from your doctor, chances are it can be download easily and stored in the app. As far as privacy, your info is probably safer here than it is at your doctors office or hospital....your iPhone cant be hacked and if you lose it it cant be opened by someone else.

### **Environmental audio level**

This is a very cool feature for those with an Apple Watch Version 4 and above. With the new Apple Watch update and IOS13 you can view notifications and the environmental audio levels from the new Noise app on Apple Watch, which actually measures environmental decibel levels and categorizes the results in two ranges and alerts you to dangerously load levels and suggests you leave that space.

# New features available with iPadOS.

Until this year the iPad shared its operating system with the iPhone. When it was first introduced it pretty much was just a large iPhone without the phone function. so when the new yearly updates came out the update for the iPad was for the most part, a mirror image of the iPhone update with some minor differences.

As the years have gone by the iPad took on more “laptop” like features and with the introduction of the iPad Pro a few years ago it was clear that Apple was aiming the iPad to be a true alternative to a laptop. That vision has started to become reality with Apple finally giving the iPad its own operating system which is now called iPadOS.

iPadOS brings laptop like productivity features that were missing in Apple's tablet and while the iPad is not yet a total replacement for a laptop, it is now certainly a very viable alternative. And even if in your use, you don't really need laptop features, you will fully enjoy the new things your iPad can do.

Word about Apple Pencil. The new iPadOS has new integration for the Apple Pencil 2nd Gen. There are amazing things you can do with the Pencil from productivity (mark ups, written notes) to very real artistic applications. As most people in the Club don't have nor use the Pencil, we won't cover that today but can in the future.

# **Key Features and Enhancements Of iPadOS**

While iPadOS is a new operating system, all of the new features available for the iPhone are also part of iPadOS so those tips above are applicable to the iPad. The features below however are iPad specific.

## **New Home Screen**

### **New layout**

The Home screen has been redesigned with the icons arranged in a tighter grid. The refined layout gives you more room for apps and information. If you have done the update you will have already noticed that there is more screen space. If you use the Today View widgets you can now pin them to the Home screen so you don't have to slide the screen to the right to see them.

## **Multitasking**

This is where the iPad truly becomes a productivity tool allowing you to work in multiple screens and multiple apps at the same time. Things you could do with a laptop you can now do on your iPad.

### **Split Screen**

In landscape mode you can pull up a second app to share the screen with an app already on the screen and then adjust the width of each window. Allows you to work with both apps at the same time just like a laptop,

### **Multiple apps in Slide Over**

Slide Over allows you to pull up multiple apps or windows onto the screen and access them by just sliding them over from either end. You can slide them off the screen to the left or right and slide them back to work with them. You can then make that slide app into full screen if you need to.

## **Multiple windows from the same app**

You can now open multiple windows from the app in Split View. Perfect for working on two notes or two emails. Allows you to access info from an email that you need in sending another email without going back and forth opening one email and then the other.

## **Drag to create windows**

Quickly open a window by dragging the content into its own space. Drag a link in Safari and it opens that as a new slide over window so you can view both tabs at the same time.

## **Sidecar**

If you have a mac can now use your iPad as a second display or for additional screen space for a desk or lap top. Have one app open while you work in another or see how a presentation looks in presentation mode while editing it on your Mac.

## **Mirrored desktop**

Mirror the screen on your Mac to have two screens displaying the same content, making it perfect for sharing with others.

## **Wired or wireless**

Connect your iPad to your Mac using a cable to keep it charged, or use it wirelessly — within 10 meters — for greater mobility.

## **Draw and sketch in apps**

Use the precision and intuitiveness of Apple Pencil with your favorite creative Mac apps. Draw and write naturally, edit a photo or graphic, and use it to point and click like you would with a mouse.

## **Continuity Markup**

Write and sketch on PDFs or mark up your documents with Apple Pencil. See the updates live on your Mac as you mark them up on your iPad.

## **Continuity Sketch**

Create a sketch on your iPad using Apple Pencil and easily insert it into any document on your Mac.

## **Keyboard**

The keyboard features on the iPad include the ability to add an external keyboard and type as you would on a laptop. You can also do Quick Path one handed slide typing like you can with the iPhone by just pinching the internal keyboard making it smaller and then you can slide it on the screen wherever its comfortable to type.

## **Files**

Files is an app that first appeared on both the iPad and iPhone last year. Most people don't know what it is and might never have a need to use it. The Files app was the first big step in adding laptop features because there was never a way of storing files with various content like you can on a laptop. Files lets you store and save content from iCloud drive and 3<sup>rd</sup> party Cloud storage services like Dropbox. It organizes the files into searchable columns again, just like a laptop.

### **Access files on a USB drive, SD card, or hard drive.**

You can now use an external storage card or drive to transfer content back and forth from iPad to laptop.

### **iCloud Drive Folder Sharing-Access Content from Your Mac Desktop**

With a Mac you can open a Desktop folder in iCloud and then store content that's on your desktop. When you away from the Mac with just your iPad you can actually access that content on your iPad right from your Desktop, just like having remote access but easier and safer. Make changes to a document on your desktop right from your iPad.

Create digital copies of physical documents and put them directly in the location where you want to store them.

## Document Scanner

Scan documents with your iPads camera and then store them in folders on your iPad....or put them into your Desktop folder and they will appear on the desktop of your lap or desk top.

## Safari

The big news here is that instead of presenting a mobile page view of a web site Safari now automatically presents a website's desktop version for iPad. This is an important feature because it means you browse just like you would on a laptop and don't lose any of the web page functionality that you did on a mobile site. Also the Touch input maps correctly when a website expects mouse or trackpad input\*\*\*

\*\*\*Although you can now actually USE a mouse with the iPad (see below)

Some of the other features of the new Safari Browser

-Per-site settings: Choose to enable camera, microphone, and location access depending on the website you're visiting. You can also decide whether to view a website in its desktop or mobile version, use Reader view, and enable content blockers on a per-site basis.

-Page zoom: Quickly zoom in and out on a website's text.

-Save open tabs as bookmarks: Save a set of open tabs to Bookmarks so you can quickly reopen them later.

Weak password warnings: If you try to use a weak password when signing up for a new website account, Safari warns you.

Full toolbar in Split View: Now you can access the full Safari toolbar in Split View.



## **Control iPad With a Mouse**

Just like Voice Control in the iPhone (which is also available on the iPad!) another great new feature was hidden in the Accessibility App. You can actually use a mouse with your iPad if wish. It must be a Bluetooth mouse (but you can't use the Apple Magic mouse).

To set it up Go into Accessibility in Settings- Click On Touch-Click on Assistive Touch-Under Pointer Devices Click on Devices-Bluetooth Devices. Have your BT mouse in pairing and it will connect to the iPad. When connected go back and Click on Mouse keys to customize them.