# ADCET Webinar: Accessibility in Apple Products

November 2020

## Questions answered by Jessica after the webinar.

*Q: When I was shown the first iPhone, I grumbled that, due to the touch screen, it could not be made accessible.  What would I know.  The 3GS included VoiceOver, highly disruptive technology in the best sense of the word.*

A: For more information on iPhone and VoiceOver check out the website: [https://www.apple.com/au/accessibility/iphone/vision/](https://protect-au.mimecast.com/s/8aMFC81Zm7f3kVWDsnPw8T?domain=apple.com/)

A great podcast that talks of the introduction to VoiceOver that is really interesting:  [https://www.36seconds.org/](https://protect-au.mimecast.com/s/9OM-C91Zn7fnOyALIEEa94?domain=36seconds.org/)

*Q: Can you please clarify if it is only the most recent versions of ipad and iphone that have these features (apologies if you mentioned this already).  Or what versions do have it - eg iphone 7 and up?  Many students (and staff like me) have older models!*

A: In regards to the subjects covered in the presentation:

iOS 13:

Voice Control

Quickpath

Speech Controller

iOS 14:

Sound Recognition

Headphone Accommodations

BackTap

LiDAR Models (iPad Pros, iPhone Pro 12 and iPhone 12 Pro Max) - People Detection

Translate

*Q: Speech to text features? Any other apps for Sign Language users?*

A: Speak Screen

Settings > Accessibility > Spoken Content > Speak Screen

New Translate App that comes native in iPhone:

In the Translate app, you can translate voice and text between any of the supported languages. You can even translate conversations and download specific languages to translate fully offline. Set English to English for a quick communication tool:

[https://support.apple.com/en-au/guide/iphone/iphd74cb450f/ios](https://protect-au.mimecast.com/s/DsB9C0YZ4yFvyOQqU2LWl0?domain=support.apple.com)

Apple Clips - Open Captions

Website: [https://www.apple.com/clips/](https://protect-au.mimecast.com/s/wOw6CgZovVC6BXKOu3iAKR?domain=apple.com/)

Apple Clips and Live Titles - [https://support.apple.com/en-au/guide/clips/dev77e5e5619/3.0/ios/14.0](https://protect-au.mimecast.com/s/KWbVCk8vzVflwVA8S8S0lA?domain=support.apple.com)

\*Don’t forget when you edit the Text to make sure you select “Done” on the keyboard to save the changes.

*Q: Thank you for the very informative webinar, Jessica. Can I please ask how 'Voice Control' feature on Macbook can be turned ON without needing admin setting approval, particularly for Student Hub MACs (where iOS are imaged as Student Login by University IT services for student login privacy). So, everytime a student needs to enable 'Voice Control' they need admin access. How do we get around this?*

A: Unfortunately, this is specific to your managed devices. This query is best taken offline, please get my contact details from Jane and I can organise for a System Engineer to chat with your IT team.

*Q:* *Could you show us how to use 'Voice Control' for students who only need this option for dictation (as an alternative to Dragon).*

A: Navigate to Text Editing in this [Voice Control Guide](https://protect-au.mimecast.com/s/Qj2SClxwAVHGMJm0FVnpgx?domain=apple.com).

[How to use dictation and edit text with Voice Control on your iPhone](https://protect-au.mimecast.com/s/oqT7CmOxBVhXMw8BT32DaQ?domain=youtube.com) - Apple Support, YouTube

Dictation on iOS: [https://support.apple.com/en-us/HT208343](https://protect-au.mimecast.com/s/ZuTNCnxyDVHwW0gAcvKRmE?domain=support.apple.com)

Use your voice to enter text on your Mac: [https://support.apple.com/en-us/HT202584](https://protect-au.mimecast.com/s/GZXOCoVzE9H9wN5jF5C80f?domain=support.apple.com)

*Q: Why can't Apple finally bring out models of their iPhone/iPads with built-in physical keypads or tactile overlay?*

A: Apple does have a keyboard available for iPads:

[https://www.apple.com/au/shop/accessories/all-accessories/mice-keyboards](https://protect-au.mimecast.com/s/GpBUCp8AG6fkwrq1IVEkE_?domain=apple.com)

As well as third party options that may meet different user needs.

*Q: Since an update late 2019, single switch users have been unable to scan to unlock their phones and tablets, essential security!*

A: Users can scan and unlock their phone with either entering passcode or Face ID as single switch users with Switch Control. If this is not happening on your device, please take it to an Apple Retail store or call the Accessibility help line for assistance:

[Use Switch Control to navigate your iPhone, iPad or iPod touch](https://protect-au.mimecast.com/s/kQi5Cq7BJXtB2AnKSoiHMn?domain=support.apple.com)

[How to contact Apple for accessibility support](https://protect-au.mimecast.com/s/SxGBCr8DKNfMmK7PcmyOlT?domain=support.apple.com)

*Q: How to customise an Apple Watch for cognitive impairment*

A: There are many Apple Watch faces available and each watch face has the ability to customise to an individual’s specific needs. A good place to start is looking at all the available Watch faces and the various complications and identifying the ones that will meet their needs:

[Apple Watch Face and their features](https://protect-au.mimecast.com/s/d2CNCvl0O7S1lmqpFZjBhY?domain=support.apple.com)

And then taking the time to [Customise the Watch Face](https://protect-au.mimecast.com/s/j17aCwVLP8H6NMkJuBjOwH?domain=support.apple.com) to the items most required.

Highly recommend looking at Shortcuts in conjunction with this: [Use Shortcuts on Apple Watch](https://protect-au.mimecast.com/s/UKUhCxnMQNt8X6DnI3lBgO?domain=support.apple.com)

*Q: Can I use my iphone using siri to unlock and start using it- need to use phone completely hands free- or cant I lock my phone?*

A: As this is a Security issue, you can’t unlock a device with Siri. But you can with Voice Control and Switch Control through either Face ID, or manually putting in your passcode with your voice or with the switch. With Voice, the number overlay will constantly change so that people listening won’t hear what your passcode is.

*Q: Is there a way to answer phone calls on the Apple Watch with your voice (or other than tapping the screen)?*

A: You can make phone calls using Siri on watch - but you can’t answer or hang up without touching the screen.

Make phone calls on Apple Watch -[https://support.apple.com/en-au/guide/watch/apdc38d7a95e/watchos](https://protect-au.mimecast.com/s/5bbZCyoNROTD4vKqTrYhK-?domain=support.apple.com)

Answer phone calls on Apple Watch - [https://support.apple.com/en-au/guide/watch/apd32b6c5658/watchos](https://protect-au.mimecast.com/s/7XjwCzvO0NfDrlEQTppcN8?domain=support.apple.com)

*Q: How to hang up phone with Siri or alternatives for those with physical disabilities*

A: Best answer is have the other person hang up. Otherwise using a switch control system. You can do this with HomePod and new HomePod mini

Use HomePod for phone calls - [https://support.apple.com/en-au/guide/homepod/apdeaa15a6c3/homepod](https://protect-au.mimecast.com/s/WsPACANZy7i0RyBLuPdUwF?domain=support.apple.com)

When done, say, “Hey Siri, Hang up”

*Q: is it possible to have "auto answer" turned on/off using Shortcuts?*

A: It is not currently a setting that can be controlled by Shortcuts.

If you are interested in enhancement requests, email: accessibility@apple.com and make a request with a use case.

*Q: How do I hang up phone calls hands free when using voice control?*

A: As Voice Control stops listening when you start a phone call for privacy, you are unable to currently use it to hang up. If the other person hangs up, you will return back into Voice Control.

You can use HomePod for phone calls and it can hang up - [https://support.apple.com/en-au/guide/homepod/apdeaa15a6c3/homepod](https://protect-au.mimecast.com/s/WsPACANZy7i0RyBLuPdUwF?domain=support.apple.com)

When done, say, “Hey Siri, Hang up”

*Q: Will apple add dwell options for head tracking?*

A: [Dwell Control](https://protect-au.mimecast.com/s/1XhGCBNZz7iqnQ0pI9ZifA?domain=support.apple.com) is available in head tracking on Mac.

On iOS [Dwell works with AssistiveTouch](https://protect-au.mimecast.com/s/1Ra1CD1jB7fpx2wNTjQ-YG?domain=support.apple.com) and using mouse pointers.

*Q: Do the upgrades to IOS 14 impact accessibility features on apple devices that can no longer upgrade eg old iPads we loan*

A: Yes - if the hardware or silicon can’t support the operating system, the features will not be available. But will not affect pre-existing features currently available.

*Q: Are there online/youtube resources to share w/ Students when introducing them to accessibility features*

A: Yes - YouTube <https://protect-au.mimecast.com/s/Nj1eCGvmG7fn8xEKIlOgJm?domain=youtube.com>[playlist]

## ADDITIONAL RESOURCES

### Control Centre

[Use and customise Control Center on your iPhone, iPad, and iPod touch](https://protect-au.mimecast.com/s/EHniCJypLjFOnGl3h2bXg1?domain=support.apple.com) - With Control Center, you can quickly take a picture, turn on lights, control your Apple TV, and more. You can even customise Control Center so you have instant access to the things you do most.

[Use the Voice Memo App](https://protect-au.mimecast.com/s/p0PgCK1qMkfK1gPzcLOr7t?domain=support.apple.com) - Record voice memos on your iPhone, iPad, iPod touch, or Mac. Then edit and share your recording.

[Dark Mode](https://protect-au.mimecast.com/s/Vi2sCL7rNltq3xVyIzPCG8?domain=support.apple.com) - Dark Mode gives the entire mobile device experience a dark colour scheme that’s perfect for low-light environments. And may make a big difference for individuals with print disabilities.

[Change the font size on your iPhone, iPad, and iPod touch](https://protect-au.mimecast.com/s/0Y1XCMwv0mfPJKDMSmWljW?domain=support.apple.com) - You can change the size of your font in Mail, Contacts, Calendar, Phone, Notes, and other apps that support Dynamic Type.

[Adjust the display and text size on iPhone](https://protect-au.mimecast.com/s/kyikCNLwPnfL6KJDuOjEFn?domain=support.apple.com) - If you have colour blindness or other vision challenges, you can customise the display settings to make the screen easier to see.

[Screen Recording](https://protect-au.mimecast.com/s/IviGCOMxQoFYOVlzTzqtsD?domain=support.apple.com) - Make and share a video of each step and screen of something you do on your iPhone.

[Colour Filters](https://protect-au.mimecast.com/s/QnvKCP7yRptg6Y98c3Yc2V?domain=support.apple.com) - If you have colour blindness or other vision challenges, you can use Colour Filters to help you differentiate between colours.

[Magnifier](https://protect-au.mimecast.com/s/4d8ECQnzVqtVRGgMHDcXaY?domain=support.apple.com) - With Magnifier, you can turn your iPhone or iPad into a magnifying glass so you can zoom in on objects near you. When you have Magnifier open, you can do things like apply colour filters or save a magnified object as an image.

### Enter Text/ Dictate/ Speak Screen

[Speak Screen](https://protect-au.mimecast.com/s/gMjjCROAWrhYO9ojT5cNzG?domain=support.apple.com) - with Speech Controller - You can have iPad speak selected text or the entire screen. iPad can also provide feedback and speak text corrections and suggestions as you type.

[Highlight Text](https://protect-au.mimecast.com/s/-9SNCVAG1yhBZrmNSVcj_P?domain=support.apple.com) - Have words/ sentences highlighted in different colours when being spoken out loud.

[Swipe Keyboard called QuickPath](https://protect-au.mimecast.com/s/2l4ACWLJ2zf347ZRskuub8?domain=support.apple.com) - You can pinch closed to shrink the keyboard, then tap individual keys to type, or use QuickPath (not available for all languages) to type by sliding from one letter to the next without lifting your finger. To end a word, lift your finger. Great for low literacy levels.

[Predictive Text](https://protect-au.mimecast.com/s/IOB4CXLK3AfA9vjVF1kDgd?domain=support.apple.com) - As you type text on the iPad keyboard, you see predictions for your next word, emoji that could take the place of your word, and other suggestions based on your recent activity and information from your apps.

[Dictation](https://protect-au.mimecast.com/s/RC_qCYWL4BsY9RmETNudrt?domain=support.apple.com) - You can use dictation instead of your keyboard to enter text with many apps and features that use the keyboard on your iPhone, iPad, or iPod touch. On iPhone 6s or later, and iPad, you can use dictation without being connected to the Internet.

[Dictate your messages and documents on Mac](https://protect-au.mimecast.com/s/MpNICZYM5DFvjZArU7nRo0?domain=support.apple.com) - With keyboard dictation, you can dictate text anywhere you can type it. Turn it on in the Dictation pane of Keyboard preferences to enable keyboard dictation — where your words are sent to Apple servers to be analysed using the latest language data and converted into text in real-time. A feedback window gauges your speaking volume and provides basic dictation controls.

[Text Replacements](https://protect-au.mimecast.com/s/uvx8C1WZ5zsgZyx2cj10Lb?domain=support.apple.com) - Set up a text replacement you can use to enter a word or phrase by typing just a few characters. For example, type “omw” to enter “On my way!” Great for email  addresses or signing off emails.

[Notes](https://protect-au.mimecast.com/s/mUA3C2xZ6AHrmqWPC70prP?domain=support.apple.com)- Use the Notes app to jot down quick thoughts or organise detailed information with checklists, images, web links, scanned documents, handwritten notes, and sketches.

[Safari Reader](https://protect-au.mimecast.com/s/IDkSC3Q870U341o6sAFwDb?domain=support.apple.com) - In the Safari app, use Reader view to hide ads, navigation menus, or other distracting items.

### Clips

Website: [https://www.apple.com/clips/](https://protect-au.mimecast.com/s/wOw6CgZovVC6BXKOu3iAKR?domain=apple.com/)

Apple Clips and Live Titles - [https://support.apple.com/en-au/guide/clips/dev77e5e5619/3.0/ios/14.0](https://protect-au.mimecast.com/s/KWbVCk8vzVflwVA8S8S0lA?domain=support.apple.com)

\*Don’t forget when you edit the Text to make sure you select “Done” on the keyboard to save the changes. And You can copy the text to make a transcript of the video if you need.

Support Page: [https://support.apple.com/clips](https://protect-au.mimecast.com/s/-K0TC4QZgDUP8NEMSpPdJF?domain=support.apple.com)

User Guide: [https://support.apple.com/en-au/guide/clips/welcome/ios](https://protect-au.mimecast.com/s/iFObC6X1k7CkW27jIqnBRv?domain=help.apple.com/)

App to download: [‎https://itunes.apple.com/au/app/clips/id1212699939](https://protect-au.mimecast.com/s/OptBC81Zm7f3kVWDsnnwbWC?domain=itunes.apple.com)

Great book on how to use Apple Clips and ideas on use.

Thought you might want to check it out.  Short Film in Clips by Simon Pilen <https://itun.es/au/qR-Vjb.l>

### Live Listen

This feature is available in Air Pods, which is great for using AirPods as an Assisted Hearing Device.

Support Page with step by step instructions on how to set it up here:

[https://support.apple.com/en-ca/HT209082](https://protect-au.mimecast.com/s/1uOECgZovVC6BXKOuN3mMkJ?domain=support.apple.com)

Basically it is through Control Centre - add Hearing to the Swipe down menu and enable from there.