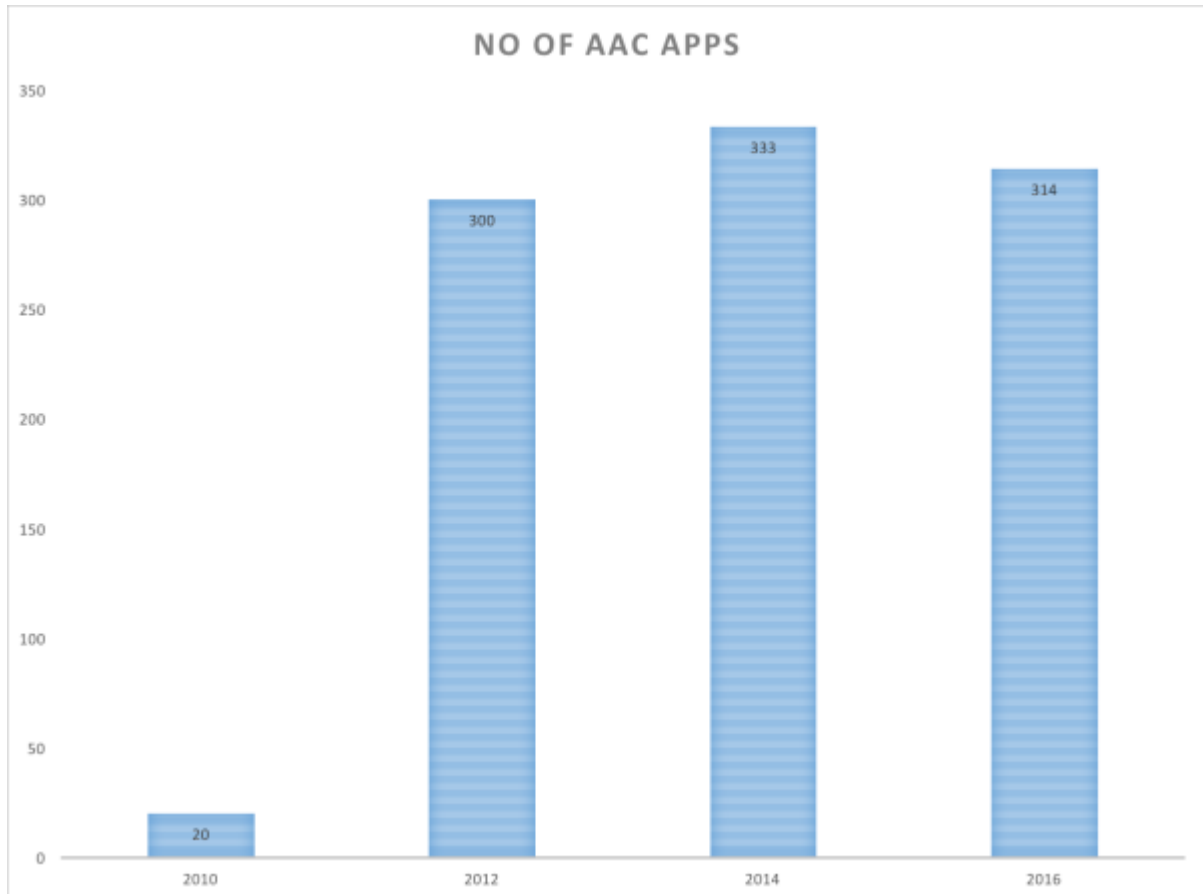


**What's up in Apple apps?
Jane Farrall
Pre-Conference Workshop
ISAAC, Toronto, 2016**



AAC Apps Timeline

- 2010 - Apple iPad 1 released. Already a few AAC apps on the App store designed for iPod Touch.
- 2010 July - AAC apps on the app store now totalling 20. I started AAC apps list at Spectronics website.
- 2012 July - AAC apps on list now totalling 300. Averaging 3 AAC apps released each week on the store.
- 2014 July - AAC apps on list now totalling 333. Averaging 1.5 AAC apps released each week on the store over 2013/2014. 21 AAC apps removed from the store.
- 2015 May - AAC apps on list now totalling 320. Averaging 0.5 AAC apps released each week on the store over 2014/2015. 21 AAC apps removed from the store.
- 2016 July - AAC apps on list now totalling 314. Averaging 0.5 AAC apps released each week on the store over 2014/2015. 30 AAC apps removed from the store. 6 of the previously removed apps returned.

Increased number of cloud based apps that can be used across multiple platforms and apps with a subscription model.

Why are apps leaving the app store?

- Many poorer quality apps are leaving the App store;
- App developers are required to update apps regularly;
- Apps need to be compatible with iOS updates;
- App developers need to support AAC apps more than they bargained for;
- Some developers have chosen to withdraw their apps as the output doesn't equal the profit in their opinion;
- Social media and web based information have an impact on how apps are viewed;
- Consumers are far more aware of the difference between a quality AAC app and a poor one;
- Consumers are identifying features they want in apps and giving developers feedback;
- Consumers rate not only the app but also the support from the developer.

Moving towards good AAC apps

- Consumers are demanding better quality in AAC apps;
- More therapists and researchers are using AAC apps and have requirements based on years of experience with AAC;
- Social media and internet based information allows people to compare and contrast pros and cons of AAC apps.

Side notes 😊

- Today we have a higher percentage of good and high quality AAC apps on the App store compared to 2 years ago;
- Total number of AAC apps has decreased;
- More of the legacy AAC and AT Companies have released AAC apps in the last 12 - 24 months
- Apps from these companies tend to have page sets supported by research and have a greater range of features, such as alternative access, than apps released in the past. Many of the remaining 1 and 2 star AAC apps have had a big price drop e.g. Pocket AAC has dropped from \$130 to free.
- Some exceptions e.g. iPacs has trebled in price without an app update; RJ Cooper's AAC apps have increased in price by 650%.

Good AAC APPIes

- Rich, juicy content!
- Easy and intuitive to edit
- Good technical support

- Option(s) to edit in cloud or on computer or transfer from another iDevice
- Range of access options
- Comprehensive symbol sets
- Well designed page sets with core vocabulary or pragmatically designed
- Features such as ability to hide and show cells
- Ability to do aided language stimulation all day, every day
- Low tech associated option
- Access features
- Compatibility with keyguards
- Adjustments for vision and fine motor

And the gloss is

- free online training
- online support groups
- support built into the app
- aided language stimulation training
- education about good AAC implementation and practice



Hands-On with Proloquo2Go

Using it

Chat with your neighbour.
Ask them where they come from
Ask them what they think of Toronto
Ask them how far/long they travelled

Settings/Programming

Change the voice
Change the number of cells
Go to the breakfast page and add "avocado"

Feature Matching

Complete the feature matching chart as far as you are able for Proloquo2Go



Hands-On with AAC Speak

Using it

Chat with your neighbour.
Ask them where they come from
Ask them what they think of Toronto
Ask them how far/long they travelled

Settings/Programming

Change the voice
Change the number of cells
Go to the foods page and add "avocado"

Feature Matching

Complete the feature matching chart as far as you are able for AAC Speak



Hands-On with Snap Scene

Using it

Play with some of the pre-made scenes

Settings/Programming

Add a photo to use as a visual scene

Create hotspots with recordings

Test it out!

Feature Matching

Complete the feature matching chart as far as you are able for Snap Scene

How do I know which app is best?

Check out these resources:

- <http://practicalaac.org/practical/aac-assessment-corner-by-vicki-clarke-is-aac-feature-matching-still-relevant/>
- <https://www.linguisystems.com/products/product/display?itemid=10547>
- http://www.augcominc.com/index.cfm/social_networks.htm
- AAC App feature matching chart from Boston Children's Hospital <http://www.childrenshospital.org/centers-and-services/augmentative-communication-program/downloads/app-and-clinical-feature-matching-handouts>
- Remember different solutions might be better in specific situations

AAC support and information online:

- www.practicalaac.org
- Pinterest
- Facebook
- Twitter
- There is lots - app specific and AAC general
- www.janefarrall.com

Feature Matching Communication Applications

Apps	Purpose of Use ¹			Output							Speech Settings							CUST. Of S.S.			Representation								
	Expressive	Receptive	Organizational	Digitized	Synthesized	male	female	child	Multiple languages	No Voice Output	Voice Recognition	Voice Recording	Temporary Volume	Pause Speech	Speak after letter	Speak after Word	Speak after Punctuation	Speak upon selection	Speech to symbol dictate	edit pronunciation	adjust speech rate	customize speak after	PCS	Symbolstix	Photographs	Clipart	Minspeak	Text	

Feature Matching Communication Applications

	CUST	Display Content																Customization of Display Settings													
	Other	able to import photographs	multiple symbols on a button	Text	Symbol	Single Message	Dynamic	Text to Speech	Topic Based	Choice Boards	Scene Display	tabs	pop ups	list	grid view	keyboard	vertical orientation	horizontal orientation	symbols in message window	message window	edit field size	symbol size	color background	color boarder	color of text	text size	text location (above below symbol)	font	modify button type	button shape	
Apps																															

Feature Matching Communication Applications

Apps											Feedback Features					CUST	Rate Enhancement Features													
	boarder thickness	board change indicator	symbol distance	button launches app	hide symbols	orientation	hide message window	change location of message window	symbols in message window	keyboard- QWERTY	keyboard- VOWEL	Keyboard- ABC	Symbol enlarge	Frame/Outline	Visual Scanning	Highlight Text	Animated Graphics	Tactical Feedback	Auditory Click	Auditory Review	Animate Graphic on/off	auditory click on/off	Word prediction	Abbreviation Expansion	Logical Letter Encoding	Ability to store phrases	"recent" use list	phrase prediction	letter prediction	

Feature Matching Communication Applications

Apps	(1)	CUST		Access								CUST			Require motor competence					Support								
	scrolling cells	auto correct/predict	Minspeak (semantic encoding)	prediction on/off	scrolling features (on/off)	Direct Selection	Scanning	Use of Pointer/Stylus	Scanning	Eye Gaze	Joy Stick	mouse	Head Mouse	assigned motor action	No Repeat on/off	adjust dwell	swipe	Isolate Point	pinch	double tap	drag	On-Site	Website	Webinars	Video Tutorials	Email	Phone	

Feature Matching Communication Applications

		Miscellaneous										CUST			
		Handouts/Tutorial	Email	Texting	App use over phone	countdown board	timer	visual schedule	device sends/receives messages	web based streaming	alerts	web based authoring	edit on ipad	track output	
Apps															