

ADA Checklist

General Areas of Discovery and Review

Hardware

1. Spacing -- Depth, Clearance, Maneuvering, Protruding Objects
2. Reach Ranges
3. Interface considerations or Operable Parts
4. Alternate navigation - user controls and aids such as Braille, AudioPad, NavPad
5. Hardware assistive device inventory - audio jack (3.5mm) and tactile component?

Software

1. Does your application extend to audio (Example: ICT with a display screen shall be speech-output enabled for full and independent use by individuals with vision impairments or language.)
2. Have you tested for The Big Seven - captions, contrast, audio, focus, target size, errors and labels

Devices

1. Do you incorporate any assisted technology products - face devices (AudioPad/Navpad + Braille label sticker)
2. Have you reviewed the privacy and security characteristics?

Testing

1. Have you had people with disabilities perform the top ten tasks? - Wheelchair, Blind, Hearing-impaired, Sight-impaired, dexterity, quadriplegic e.g.

Installation

1. Is there sufficient space, protruding, and maneuvering space?
2. Have you looked at full-day cycle of sunlight, lighting and any other environmental factors (ambient noise e.g.)

Notes:

- Did you answer No to any of the questions?
- Providing accessibility is not cost-prohibitive. A simple NavPad provides tactility as well as audio and if you look at legal incidents, audio is the prime remediation with tactility as well.
- What about WCAG? -- This comes up. 2.1 is the current standard. WCAG is applied to non-web documents and non-web software, but only when the software is running on platforms that are not "closed". Kiosks, of course, typically are closed, and so (from a 508 perspective), the WCAG 2.0 SC is never applied. The relevant areas of 2.1 are already addressed in Section 508.
- What about a screenreader? Do I need one? -- Provide speech output and you are fine. Common ATP devices provide audio output e.g.
- See the [KMA Frequently Asked Questions](#) for plain english yes, no's and the usual "its complicated"

Resources

- [ADAAG Guidelines](#) for Federal - Automatic Teller and Fare Machines
- [Air Carrier Access Act](#) for automated kiosks at airports
- You can look for Unified Agenda under the [reginfo website](#) - initial report Sep2021. VA Medical Facility review.
- [U.S. Access Board Section 508 and Final Rule](#)
- [ADA 2010 Standards for Accessible Design](#) (308 for Reach and 309 for Operable Parts)
- Europe -- [EN 301 549](#) -- here is V2.1.2
- KMA March 2021 Update on [Europe ADA Kiosks – EN 301-549](#)
- [DHS Testing Resources for 508 Compliance](#) (Web, Software and Mobile)
- [DOT Regulations kiosks and websites](#)
- [There are many more](#) -- KMA has a concordance of links