

Section 508 and CVAA Assessment of Printer Product

Requirement :

- Total 10+, including a variety of printers
- 4 parts of testing are involved: Physical device testing, Product support documentation testing, Software testing and EWS webpage testing
- The EWS webpage accessibility need to be compatible with the IE11 browser on windows OS
- The Software accessibility need to be compatible with windows 7 32/64bit OS
- Invite the disabilities to perform the Usability Testing, and provide the test report. The disabilities include: visual, auditory, tactile, and cognitive disabilities

BYS Solution :

- BYS CVAA expert team created a detailed checklist and checkpoint based on the business workflow and the success criteria of CVAA to ensure each element is tested
- Test engineers use different test tools, for example Sound Level Meter, Dynamometer, Magnifying Glass etc. to ensure all of the Physical devices satisfied the CVAA standards
- Test engineers simulate the disabilities to use the assistive technology – screen reader NVDA/JAWS and keyboard to visit the



Website/Documents/Software and use its service, and check the single element one by one to find out the nonconformance.

- Usability testing with disabilities: Beyondsoft establish a long-term cooperation with the disability organization, and we can invite disabilities who are bilingual in Chinese and English to do the usability testing
- Provide formal assessment report

Clients Comments/Feedback :

- Completed the testing on time, found many defects, including some issues that missed in previous version
- Tested printers are achieved the CVAA certification. Professional team and technical results got high reorganization by the client
- The client chose Beyondsoft as the long term partner.

