Section 508 Evaluation Template

Date: 2017/07/15
Name of Product: Software and Consulting Services
Contact for more Information: DigitCompass@gmail.com

** Denotes Required

Refer to the ITIC Best Practices for filling out the following form.

Summary Table		
Criteria	**Supporting Features**	**Remarks and explanations**
Section 1194.21 Software Applications and Operating Systems	Supports	The product fully supports the Assistive Technology in conveying information
Section 1194.22 Web-based internet information and applications	Supports	Comply to all items unless it is not applicable
Section 1194.23 Telecommunications Products	Not applicable	Not a telecommunication product
Section 1194.24 Video and Multi-media Products	Supports	Comply to all items unless not applicable
Section 1194.25 Self-Contained, Closed Products	Not applicable	Not a self-contained, closed product
Section 1194.26 Desktop and Portable Computers	Not applicable	This product is not a desktop or portable computer product
** Section 1194.31 Functional Performance Criteria	Supports	The application fully supports Assistive Technology provided by operating system
** Section 1194.41 Information, documentation, and support.	Supports	Comply to all items

Return to the top of the page.

Section 1194.21 Software Applications and Operating Systems		
* Refer to (http://www.access-board.gov/sec508/guide/1194.21.htm) for details on the guidelines listed below.		
Criteria	**Supporting Features**	**Remarks and explanations**
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	Supports	Product functions can be executed from a keyboard when functions can be discerned textually

(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.	Supports	The software does not disrupt or disable accessibility features.
(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes.	Supports	The Assistive Technology can track the on-screen focus and focus change.
(d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text.	Supports	Information conveyed by images also conveyed by text.
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	Supports	Bitmap image meanings remains consistent throughout the application
(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	Supports	Alternative text information is provided throughout the application
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports	The application does not override or disrupt user selection in high contrast scheme nor user color selection
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Not applicable	No animation is used
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Not applicable	The application does not use color as only means of conveying information
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.	Not applicable	No color adjustment function is provided
(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.	Supports	The flashing rate of a flashing element does not fall between 2 and 55 Hz.

(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Supports	Assistive Technology can access information for electronic forms.

Section 1194.22 Web-based Internet information and applications * Refer to (http://www.access-board.gov/sec508/guide/1194.22.htm) for details on the guidelines listed below.		
Criteria	**Supporting Features**	**Remarks and explanations**
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Supports	Text equivalent will be provided.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Supports	Media Access Generator (MAGpie) is utilized to add captions, subtitles, and audio descriptions to all multimedia presentations.
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Supports	Information conveyed with color is also conveyed by alternative means
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	Products complies with WCAG 2.0
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not applicable	Not image map would be used.
(f) Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape.	Supports	Only client-side image maps are used and no server-side image maps are used.
(g) Row and column headers shall be identified for data tables.	Supports	The th tag with the scope attribute in the heading row is used for identification of row and column of data tables.
(h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers.	Supports	The <caption> tag, summary attribute, the headers and the id attributes are used to allow the screen reader detect which headers correspond to which data cell.
(i) Frames shall be titled with text that facilitates frame identification and navigation	Supports	No frames are used
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	All flickers are within 2-55 Hertz (Hz).

(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.	Supports	LIFT is used for creating a text only alternative and synchronization is conducted to make sure the same contents.
(l) When pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by Assistive Technology.	Supports	Unobtrusive JavaScript is used to allow the content to still be available when JavaScript is turned off.
(m) When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with 1194.21(a) through (l).	Supports	Only plug-in or applications with an accessible page is used and the link to plug-in or applications is always provided on web page.
(n) When electronic forms are designed to be completed on-line, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Supports	'fieldset' tag is used to group common form elements and labels are used for all fields and boxes of the form.
(o) A method shall be provided that permits users to skip repetitive navigation links.	Supports	Anchor link is used for skipping repetitive links.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Supports	Dialog box is used to notify user of expiration.

Note to 1194.22: The Board interprets paragraphs (a) through (k) of this section as consistent with the following priority 1 Checkpoints of the Web Content Accessibility Guidelines 1.0 (WCAG 1.0) (May 5 1999) published by the Web Accessibility Initiative of the World Wide Web Consortium: Paragraph (a) - 1.1, (b) - 1.4, (c) - 2.1, (d) - 6.1, (e) - 1.2, (f) - 9.1, (g) - 5.1, (h) - 5.2, (i) - 12.1, (j) - 7.1, (k) - 11.4.

Return to the top of the page.

Criteria	**Supporting Features**	**Remarks and explanations**
(a) Telecommunications products or systems which provide a function allowing voice communication and which do not themselves provide a TTY functionality shall provide a standard non-acoustic connection point for TTYs. Microphones shall be capable of being turned on and off to allow the user to intermix speech with TTY use.	Not applicable	Not a telecommunication product
(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	Not applicable	Not a telecommunication product
(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Not applicable	Not a telecommunication product
(d) Voice mail, messaging, auto-attendant, and interactive voice response telecommunications systems that require a response from a user within a time interval, shall give an alert when the time interval is about to run out, and shall provide sufficient time for the user to indicate more time is required.	Not applicable	Not a telecommunication product
(e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.	Not applicable	Not a telecommunication product
(f) For transmitted voice signals, telecommunications products shall provide a gain adjustable up to a minimum of 20 dB. For incremental volume control, at least one intermediate step of 12 dB of gain shall be provided.	Not applicable	Not a telecommunication product
(g) If the telecommunications product allows a user to adjust the receive volume, a function shall be provided to automatically reset the volume to the default level after every use.	Not applicable	Not a telecommunication product
(h) Where a telecommunications product delivers output by an audio transducer which is normally held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided.	Not applicable	Not a telecommunication product
(i) Interference to hearing technologies (including hearing aids, cochlear implants, and assistive listening devices) shall be reduced to the lowest possible level that allows a user of hearing technologies to utilize the telecommunications product.	Not applicable	Not a telecommunication product

(j) Products that transmit or conduct information or communication, shall pass through cross-manufacturer, non-proprietary, industry-standard codes, translation protocols, formats or other information necessary to provide the information or communication in a usable format. Technologies which use encoding, signal compression, format transformation, or similar techniques shall not remove information needed for access or shall restore it upon delivery.	Not applicable	Not a telecommunication product
(k)(1) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be tactilely discernible without activating the controls or keys.	Not applicable	Not a telecommunication product
(k)(2) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be operable with one hand and shall not require tight grasping, pinching, twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2N) maximum.	Not applicable	Not a telecommunication product
(k)(3) Products which have mechanically operated controls or keys shall comply with the following: If key repeat is supported, the delay before repeat shall be adjustable to at least 2 seconds. Key repeat rate shall be adjustable to 2 seconds per character.	Not applicable	Not a telecommunication product
(k)(4) Products which have mechanically operated controls or keys shall comply with the following: The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.	Not applicable	Not a telecommunication product

Return to the top of the page.

Section 1194.24 Video and Multi-media Products		
* Refer to (http://www.access-board.gov/sec508/guide/1194.24.htm) for details on the guidelines listed below.		
Criteria	**Supporting Features**	**Remarks and explanations**

(a) All analog television displays 13 inches and larger, and computer equipment that includes analog television receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals. As soon as practicable, but not later than July 1, 2002, widescreen digital television (DTV) displays measuring at least 7.8 inches vertically, DTV sets with conventional displays measuring at least 13 inches vertically, and stand-alone DTV tuners, whether or not they are marketed with display screens, and computer equipment that includes DTV receiver or display circuitry, shall be equipped with caption decoder circuitry which appropriately receives, decodes, and displays closed captions from broadcast, cable, videotape, and DVD signals.	Not applicable	No display hardware is provided
(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.	Not applicable	No television tuners are provided
(c) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain speech or other audio information necessary for the comprehension of the content, shall be open or closed captioned.	Supports	Real-time captioning is provided via Media Access Generator (MAGpie).
(d) All training and informational video and multimedia productions which support the agency's mission, regardless of format, that contain visual information necessary for the comprehension of the content, shall be audio described.	Supports	Every content presented in video and multimedia productions is described by a participant functioning as a live audio describer.
(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.	Supports	All display of closed captions or audio descriptions are user-selectable.

Section 1194.25 Self-Contained, Closed Products *Refer to (http://www.access-board.gov/sec508/guide/1194.25.htm) for details on the guidelines listed below.*		
Criteria	**Supporting Features**	**Remarks and explanations**
(a) Self-contained products shall be usable by people with disabilities without requiring an end-user to attach Assistive Technology to the product. Personal headsets for private listening are not Assistive Technology.	Not applicable	Not a self-contained, closed product
(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not applicable	Not a self-contained, closed product

(c) Where a product utilizes touchscreens or contactsensitive controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).	Not applicable	Not a self-contained, closed product
(d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not applicable	Not a self-contained, closed product
(e) When products provide auditory output, the audio signal shall be provided at a standard signal level through an industry standard connector that will allow for private listening. The product must provide the ability to interrupt, pause, and restart the audio at anytime.	Not applicable	Not a self-contained, closed product
(f) When products deliver voice output in a public area, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. Where the ambient noise level of the environment is above 45 dB, a volume gain of at least 20 dB above the ambient level shall be user selectable. A function shall be provided to automatically reset the volume to the default level after every use.	Not applicable	Not a self-contained, closed product
(g) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Not applicable	Not a self-contained, closed product
(h) When a product permits a user to adjust color and contrast settings, a range of color selections capable of producing a variety of contrast levels shall be provided.	Not applicable	Not a self-contained, closed product
(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Not applicable	Not a self-contained, closed product
(j) (1) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: The position of any operable control shall be determined with respect to a vertical plane, which is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length on products which are freestanding, nonportable, and intended to be used in one location and which have operable controls.	Not applicable	Not a self-contained, closed product
(j)(2) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is 10 inches or less behind the reference plane, the height shall be 54 inches maximum and 15 inches minimum above the floor.	Not applicable	Not a self-contained, closed product

(j)(3) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is more than 10 inches and not more than 24 inches behind the reference plane, the height shall be 46 inches maximum and 15 inches minimum above the floor.	Not applicable	Not a self-contained, closed product
(j)(4) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Operable controls shall not be more than 24 inches behind the reference plane.	Not applicable	Not a self-contained, closed product

Section 1194.26 Desktop and Portable Computers ** Refer to (http://www.access-board.gov/sec508/guide/1194.26.htm) for details on the guidelines listed below.*		
Criteria	**Supporting Features**	**Remarks and explanations**
(a) All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through (4).	Not applicable	Not a desktop or portable computer product
(b) If a product utilizes touchscreens or touch-operated controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).	Not applicable	Not a desktop or portable computer product
(c) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not applicable	Not a desktop or portable computer product
(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards	Not applicable	Not a desktop or portable computer product

Section 1194.31 Functional Performance Criteria		
Criteria	**Supporting Features**	**Remarks and explanations**
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided.	Supports	The application fully supports Assistive Technology provided by operating system
(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided.	Supports	The application fully supports the visual Assistive Technology provided by operating system

(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people who are deaf or hard of hearing shall be provided	Not applicable	No operation requires user hearing
(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.	Supports	The application fully supports the audio Assistive Technology provided by operating system
(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided.	Not applicable	No operation requires user speech
(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.	Supports	The application fully supports the motor control Assistive Technology provided by operating system

Section 1194.41 Information, documentation, and support.		
Criteria	**Supporting Features**	**Remarks and explanations**
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge.	Supports	Electronic versions of all product support documentation in alternate formats are provided for free.
(b) End-users shall have access to a description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge.	Supports	Information on the accessibility and compatibility features of products in alternate formats or alternate methods are provided upon request for free.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	Product support is available in a variety of formats and from online sources available.