

OpenFox™ Desktop

Section 508 of the Rehabilitation Act
Voluntary Product Accessibility Template



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Voluntary Product Accessibility Template (VPAT)

This is a voluntary assessment of how OpenFox™ Desktop and related software Modules meet industry standards for accessibility, as identified in the Section 508 Amendment to the Rehabilitation Act of 1973. The OpenFox™ Desktop software package consists of two components: a rich desktop application and a collection of web content to support the application.

The desktop application is a Java application installed and deployed through an Internet Browser via Java Web Start technology. This application supports the accessibility standards listed in 1194.21. The web content is a collection of three web pages that allow the user to launch the desktop application, view product documentation, and download the Java Runtime Environment installation package. The web content supports the accessibility standards listed in 1194.22.

OpenFox™ Desktop is a software application. It does not include any tangible telecommunications products, video or multi-media products, self-container closed products, or desktop and portable computers. Thus the accessibility standards listed in 1194.23, 1194.24, 1194.25, and 1194.26 do not apply to OpenFox™ Desktop; however these standards have been listed here for completeness.

Finally, this voluntary assessment also includes the standards for functional performance criteria and information, documentation, and support. These standards are listed in 1194.31 and 1194.41.

1194.21: Software Applications and Operating Systems

Item	Description	Supports?/ Supporting Features	Comments
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	Desktop supports keyboard equivalents for all actions. The application has been developed using the Java™ Swing graphical user interface library. The library provides standard keyboard equivalents for actions such as moving keyboard focus, accessing pull down menus, and activating buttons. Furthermore, the application provides many keyboard shortcuts for quickly navigating the user interface.
(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	Desktop does not interfere with keyboard or mouse accessibility features built into the operating system. The application does not interfere with mouse keys, toggle keys, sticky keys, or filter keys.
(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	Desktop provides a visual indicator which moves among the user interface components as the keyboard focus changes is provided. The focus indicator is programmatically exposed to assistive technology. The current keyboard focus is exposed through the Java™ Accessibility API.

Item	Description	Supports?/ Supporting Features	Comments
(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	Desktop provides sufficient information about user interface objects through the use of the Java™ Accessibility API. Text labels are associated with all controls, objects, icons, and significant images.
(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	In Desktop, the meanings of images which identify controls or other significant user interface components remain consistent through the entire performance of 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	In Desktop, textual information is provided through standard system function calls or through the Java™ Accessibility API which supports interaction with assistive technology.
(g)	Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports with exceptions	The application provides equivalent accessibility oriented contrast, color selections, and font size settings. User display settings are stored at the central site message switching system for each individual end user. A user's settings will be preserved independent of which physical device is being used. The application provides several different font sizes and several different color schemes, including high contrast schemes. Please see (j) for more information.
(h)	When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Does not apply	The application does not make use of animations to convey any significant information to the end user

Item	Description	Supports?/ Supporting Features	Comments
(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.	Supports	Desktop does not use color as the sole means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. Color is used merely as an enhancement.
(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.	Supports	<p>Desktop provides a variety of color selections which are capable of producing a range of contrast levels. The application currently provides ten different color schemes. This includes a scheme designed specifically for high-contrast and a scheme designed for low brightness levels. The default color scheme, the high-contrast color scheme, and the low brightness color scheme all pass the AAA WCAG standards for color ratios.</p> <p>Please see the following examples of contrast ratios for these three schemes.</p>

Item	Description	Supports?/ Supporting Features	Comments
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Example of support for (j)

High Contrast Color Scheme

Normal Text

Foreground Colour:

#000000

Red:

Green:

Blue:

Hue (*):

Saturation (%):

Value (%):

Background Colour:

#FFFFFF

Red:

Green:

Blue:

Hue (*):

Saturation (%):

Value (%):

Results

This is example text. **Some of it bolded.**
Some of it italicized.

Brightness Difference: (>= 125)	255
Colour Difference: (>= 500)	765
Are colours compliant?	YES
Contrast Ratio	21
WCAG 2 AA Compliant	YES
WCAG 2 AA Compliant (18pt+)	YES
WCAG 2 AAA Compliant	YES
WCAG 2 AAA Compliant (18pt+)	YES

Highlighted Text

Foreground Colour:

#000000

Red:

Green:

Blue:

Hue (*):

Saturation (%):

Value (%):

Background Colour:

#E6E6E6

Red:

Green:

Blue:

Hue (*):

Saturation (%):

Value (%):

Results

This is example text. **Some of it bolded.**
Some of it italicized.

Brightness Difference: (>= 125)	230
Colour Difference: (>= 500)	690
Are colours compliant?	YES
Contrast Ratio	16.83
WCAG 2 AA Compliant	YES
WCAG 2 AA Compliant (18pt+)	YES
WCAG 2 AAA Compliant	YES
WCAG 2 AAA Compliant (18pt+)	YES

Text in Focused Field

Foreground Colour:

#000000

Red:

Green:

Blue:

Hue (*):

Saturation (%):

Value (%):

Background Colour:

#FFFE9A

Red:

Green:

Blue:

Hue (*):

Saturation (%):

Value (%):

Results

This is example text. **Some of it bolded.**
Some of it italicized.

Brightness Difference: (>= 125)	242.89
Colour Difference: (>= 500)	663
Are colours compliant?	YES
Contrast Ratio	19.9
WCAG 2 AA Compliant	YES
WCAG 2 AA Compliant (18pt+)	YES
WCAG 2 AAA Compliant	YES
WCAG 2 AAA Compliant (18pt+)	YES

Item	Description	Supports?/ Supporting Features	Comments																																																
	<p><u>Low brightness Color Scheme</u></p> <p>Normal Text</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Foreground Colour:</p> <p>#FFFFFF</p> <p>Red: <input type="range"/></p> <p>Green: <input type="range"/></p> <p>Blue: <input type="range"/></p> <p>Hue (°): <input type="range"/></p> <p>Saturation (%): <input type="range"/></p> <p>Value (%): <input type="range"/></p> </div> <div style="width: 45%;"> <p>Background Colour:</p> <p>191919</p> <p>Red: <input type="range"/></p> <p>Green: <input type="range"/></p> <p>Blue: <input type="range"/></p> <p>Hue (°): <input type="range"/></p> <p>Saturation (%): <input type="range"/></p> <p>Value (%): <input type="range"/></p> </div> </div> <p>Highlighted Text</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Foreground Colour:</p> <p>#FFFFFF</p> <p>Red: <input type="range"/></p> <p>Green: <input type="range"/></p> <p>Blue: <input type="range"/></p> <p>Hue (°): <input type="range"/></p> <p>Saturation (%): <input type="range"/></p> <p>Value (%): <input type="range"/></p> </div> <div style="width: 45%;"> <p>Background Colour:</p> <p>#634263</p> <p>Red: <input type="range"/></p> <p>Green: <input type="range"/></p> <p>Blue: <input type="range"/></p> <p>Hue (°): <input type="range"/></p> <p>Saturation (%): <input type="range"/></p> <p>Value (%): <input type="range"/></p> </div> </div> <p>Text in Focused Field</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Foreground Colour:</p> <p>#FFFFFF</p> <p>Red: <input type="range"/></p> <p>Green: <input type="range"/></p> <p>Blue: <input type="range"/></p> <p>Hue (°): <input type="range"/></p> <p>Saturation (%): <input type="range"/></p> <p>Value (%): <input type="range"/></p> </div> <div style="width: 45%;"> <p>Background Colour:</p> <p>333000</p> <p>Red: <input type="range"/></p> <p>Green: <input type="range"/></p> <p>Blue: <input type="range"/></p> <p>Hue (°): <input type="range"/></p> <p>Saturation (%): <input type="range"/></p> <p>Value (%): <input type="range"/></p> </div> </div>		<p>Results</p> <p>This is example text. Some of it bolded. <i>Some of it italicized.</i></p> <table border="1"> <tr> <td>Brightness Difference: (>= 125)</td> <td>230</td> </tr> <tr> <td>Colour Difference: (>= 500)</td> <td>690</td> </tr> <tr> <td>Are colours compliant?</td> <td>YES</td> </tr> <tr> <td>Contrast Ratio</td> <td>17.58</td> </tr> <tr> <td>WCAG 2 AA Compliant</td> <td>YES</td> </tr> <tr> <td>WCAG 2 AA Compliant (18pt+)</td> <td>YES</td> </tr> <tr> <td>WCAG 2 AAA Compliant</td> <td>YES</td> </tr> <tr> <td>WCAG 2 AAA Compliant (18pt+)</td> <td>YES</td> </tr> </table> <p>Results</p> <p>This is example text. Some of it bolded. <i>Some of it italicized.</i></p> <table border="1"> <tr> <td>Brightness Difference: (>= 125)</td> <td>175.37</td> </tr> <tr> <td>Colour Difference: (>= 500)</td> <td>501</td> </tr> <tr> <td>Are colours compliant?</td> <td>YES</td> </tr> <tr> <td>Contrast Ratio</td> <td>8.43</td> </tr> <tr> <td>WCAG 2 AA Compliant</td> <td>YES</td> </tr> <tr> <td>WCAG 2 AA Compliant (18pt+)</td> <td>YES</td> </tr> <tr> <td>WCAG 2 AAA Compliant</td> <td>YES</td> </tr> <tr> <td>WCAG 2 AAA Compliant (18pt+)</td> <td>YES</td> </tr> </table> <p>Results</p> <p>This is example text. Some of it bolded. <i>Some of it italicized.</i></p> <table border="1"> <tr> <td>Brightness Difference: (>= 125)</td> <td>211.57</td> </tr> <tr> <td>Colour Difference: (>= 500)</td> <td>666</td> </tr> <tr> <td>Are colours compliant?</td> <td>YES</td> </tr> <tr> <td>Contrast Ratio</td> <td>13.43</td> </tr> <tr> <td>WCAG 2 AA Compliant</td> <td>YES</td> </tr> <tr> <td>WCAG 2 AA Compliant (18pt+)</td> <td>YES</td> </tr> <tr> <td>WCAG 2 AAA Compliant</td> <td>YES</td> </tr> <tr> <td>WCAG 2 AAA Compliant (18pt+)</td> <td>YES</td> </tr> </table>	Brightness Difference: (>= 125)	230	Colour Difference: (>= 500)	690	Are colours compliant?	YES	Contrast Ratio	17.58	WCAG 2 AA Compliant	YES	WCAG 2 AA Compliant (18pt+)	YES	WCAG 2 AAA Compliant	YES	WCAG 2 AAA Compliant (18pt+)	YES	Brightness Difference: (>= 125)	175.37	Colour Difference: (>= 500)	501	Are colours compliant?	YES	Contrast Ratio	8.43	WCAG 2 AA Compliant	YES	WCAG 2 AA Compliant (18pt+)	YES	WCAG 2 AAA Compliant	YES	WCAG 2 AAA Compliant (18pt+)	YES	Brightness Difference: (>= 125)	211.57	Colour Difference: (>= 500)	666	Are colours compliant?	YES	Contrast Ratio	13.43	WCAG 2 AA Compliant	YES	WCAG 2 AA Compliant (18pt+)	YES	WCAG 2 AAA Compliant	YES	WCAG 2 AAA Compliant (18pt+)	YES
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Item	Description	Supports?/ Supporting Features	Comments
	<p><u>Default Color Scheme</u></p> <p>Normal Text</p> <div data-bbox="297 380 662 810"> <p>Foreground Colour:</p> <p>#000000</p> <p>Red: <input type="range"/></p> <p>Green: <input type="range"/></p> <p>Blue: <input type="range"/></p> <p>Hue (°): <input type="range"/></p> <p>Saturation (%): <input type="range"/></p> <p>Value (%): <input type="range"/></p> </div> <div data-bbox="683 380 1049 810"> <p>Background Colour:</p> <p>#F0F0F0</p> <p>Red: <input type="range"/></p> <p>Green: <input type="range"/></p> <p>Blue: <input type="range"/></p> <p>Hue (°): <input type="range"/></p> <p>Saturation (%): <input type="range"/></p> <p>Value (%): <input type="range"/></p> </div>		

Results

This is example text. **Some of it bolded.**
Some of it italicized.

Brightness Difference: (>= 125)

Colour Difference: (>= 500)

Are colours compliant?

Contrast Ratio

WCAG 2 AA Compliant

WCAG 2 AA Compliant (18pt+)

WCAG 2 AAA Compliant

WCAG 2 AAA Compliant (18pt+)

Item	Description	Supports?/ Supporting Features	Comments
(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	Desktop avoids the use of any blinking text or other flashing objects. The application does not use flashing or blinking elements in the user interface.
(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	Desktop provides full accessibility for all electronic forms or screens. All application forms support the applicable requirements as the rest of the application. All form elements are navigable solely via the keyboard. Information of current location and context is provided to assistive technology tools via the Java™ Accessibility API.

1194.22: Web-based Internet information and communications

Item	Description	Supports?/ Supporting Features	Comments
(a)	A text equivalent for every non-text element shall be provided (e.g., via "alt," "longdesc," or in element content).	Supports	All non-text elements provide a text equivalent. The input controls, anchor elements, label elements, and image elements use title and/or alt attributes to provide the alternates.
(b)	Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Does not apply	The web content does not include any multimedia presentations.

Item	Description	Supports?/ Supporting Features	Comments
(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	The web content does not use color as the sole means of conveying any information. The web content uses color for decoration and to indicate user focus in a field. The decoration conveys no information. The focus color is provided as an enhancement to the browser's standard focus indicator and does not interfere with this behavior.
(d)	Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	The web content is organized in the logical work flow. While the content does use an associated CSS style-sheet for decoration purposes, the CSS does not alter the position or sequence of the web content. If the CSS is disabled, the content renders in a logical and readable format.
(e)	Redundant text links shall be provided for each active region of a server-side image map.	Does not apply	The web content does not include any server-side image maps.
(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.	Does not apply	The web content does not include any client-side image maps.
(g)	Row and column headers shall be identified for data tables.	Does not apply	The web content does not include any 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.	Does not apply	The web content does not include any data tables.
(i)	Frames shall be titled with text that facilitates frame identification and navigation	Does not apply	The web content does not use frames.
(j)	Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Does not apply	The web content is static and does not cause any screen flicker lower than 55hz.

Item	Description	Supports?/ Supporting Features	Comments
(k)	A text-only page, with equivalent information or functionality, shall be provided to make a website 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.	Does not apply	The web content does not provide a text-only alternate page as CPI is confident that the web content complies with the provisions of this part. If it is found to be otherwise, and CPI is unable to change the web content to comply an item of this part, then CPI will provide a text-only page at no additional cost.
(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.	Does not apply	The web content does not use any scripting languages to display content or to create interface elements.
(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).	Does not apply	The web content does not require an applet or other plug-in to be present on the client system to interpret page content.
(n)	When electronic forms are designed to be completed online, 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	The only electronic form presented in the web content is the Oracle end user license agreement for Java. The form has two radio buttons to accept or decline the terms prior to downloading the Java runtime environment installation program. This form does allow users to access the information, field elements, and functionality via Assistive Technology. Furthermore, this form is only required to be completed when the application is installed. It is not required to be completed for normal application use.

Item	Description	Supports?/ Supporting Features	Comments
(o)	A method shall be provided that permits users to skip repetitive navigation links.	Does not apply	The web content consists entirely of a launch page (the landing page), and two sub-pages. There are no other pages or destinations of navigation. Thus the web content does not contain any repetitive navigation links that would need to be skipped.
(p)	When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Does not apply	The web content does not require any user response within a certain timed period.

1194.23: Telecommunications products

Item	Description	Supports?/ Supporting Features	Comments
(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.	Does not apply	OpenFox™ Desktop includes no telecommunications products.
(b)	Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	Does not apply	OpenFox™ Desktop includes no telecommunications products.
(c)	Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.	Does not apply	OpenFox™ Desktop includes no telecommunications products.
(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.	Does not apply	OpenFox™ Desktop includes no telecommunications products.
(e)	Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.	Does not apply	OpenFox™ Desktop includes no telecommunications products.

Item	Description	Supports?/ Supporting Features	Comments
(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.	Does not apply	OpenFox™ Desktop includes no telecommunications products.
(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.	Does not apply	OpenFox™ Desktop includes no telecommunications products.
(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.	Does not apply	OpenFox™ Desktop includes no telecommunications products.
(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.	Does not apply	OpenFox™ Desktop includes no telecommunications products.
(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.	Does not apply	OpenFox™ Desktop includes no telecommunications products.
(k1)	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.	Does not apply	OpenFox™ Desktop includes no telecommunications products.
(k2)	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.	Does not apply	OpenFox™ Desktop includes no telecommunications products.

Item	Description	Supports?/ Supporting Features	Comments
(k3)	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.	Does not apply	OpenFox™ Desktop includes no telecommunications products.
(k4)	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.	Does not apply	OpenFox™ Desktop includes no telecommunications products.

1194.24: Video and Multi-media products

Item	Description	Supports?/ Supporting Features	Comments
(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.	Does not apply	OpenFox™ Desktop includes no video or multi-media products.
(b)	Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.	Does not apply	OpenFox™ Desktop includes no video or multi-media products.
(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.	Does not apply	OpenFox™ Desktop includes no video or multi-media products.

Item	Description	Supports?/ Supporting Features	Comments
(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.	Does not apply	OpenFox™ Desktop includes no video or multi-media products.
(e)	Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.	Does not apply	OpenFox™ Desktop includes no video or multi-media products.

1194.25: Self-Contained, Closed products

Item	Description	Supports?/ Supporting Features	Comments
(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.	Does not apply	OpenFox™ Desktop includes no self-contained, closed products.
(b)	When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Does not apply	OpenFox™ Desktop includes no self-contained, closed products.
(c)	Where a product utilizes touchscreens or contact-sensitive controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).	Does not apply	OpenFox™ Desktop includes no self-contained, closed products.
(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.	Does not apply	OpenFox™ Desktop includes no self-contained, closed products.
(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.	Does not apply	OpenFox™ Desktop includes no self-contained, closed products.
(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.	Does not apply	OpenFox™ Desktop includes no self-contained, closed products.

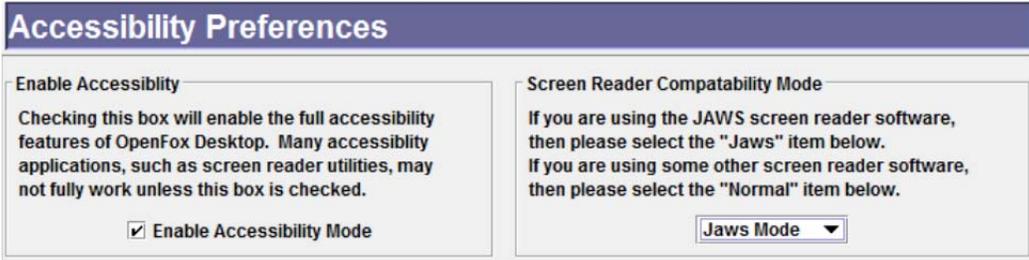
Item	Description	Supports?/ Supporting Features	Comments
(g)	Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Does not apply	OpenFox™ Desktop includes no self-contained, closed products.
(h)	When 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.	Does not apply	OpenFox™ Desktop includes no self-contained, closed products.
(i)	Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Does not apply	OpenFox™ Desktop includes no self-contained, closed products.
(j1)	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, non-portable, and intended to be used in one location and which have operable controls.	Does not apply	OpenFox™ Desktop includes no self-contained, closed products.
(j2)	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.	Does not apply	OpenFox™ Desktop includes no self-contained, closed products.
(j3)	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.	Does not apply	OpenFox™ Desktop includes no self-contained, closed products.
(j4)	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.	Does not apply	OpenFox™ Desktop includes no self-contained, closed products.

1194.26: Desktop and Portable Computers

Item	Description	Supports?/ Supporting Features	Comments
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Item	Description	Supports?/ Supporting Features	Comments
(a)	All mechanically operated controls and keys shall comply with §1194.23 (k) (1) through (4).	Does not apply	OpenFox™ Desktop includes no desktop or portable computers.
(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).	Does not apply	OpenFox™ Desktop includes no desktop or portable computers.
(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.	Does not apply	OpenFox™ Desktop includes no desktop or portable computers.
(d)	Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards	Does not apply	OpenFox™ Desktop includes no desktop or portable computers.

1194.31: Functional Performance Criteria

Item	Description	Supports?/ Supporting Features	Comments
(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	OpenFox™ Desktop has been thoroughly tested with the JAWS screen reading software. This technology enables users who are completely blind to access the full functionality of the system. Users at several locations of CPI's 29 state government customers use the JAWS software to access OpenFox™ Desktop on a daily basis. Below is a screen shot of Desktop showing the JAWS compatibility mode configuration.
<p>Example of support for (a)</p> 			
(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	OpenFox™ Desktop allows users to drastically enlarge all fonts used in the application; however Desktop does not provide a method of audio visual acuity. Desktop does fully support the use of Assistive Technology for visually impaired users. Please see the response for (a).

Item	Description	Supports?/ Supporting Features	Comments
(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	Supports	There is no mode of operation that requires user hearing. The default mode of operation meets this requirement. Audio is never used to convey information. Audio is solely used as an enhancement to other forms of user feedback. For example, the system emits a beep when the user attempts to enter a letter into a date of birth field.
(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.	Does not apply	Audio information is never important for the use of OpenFox™ Desktop. The default mode of operation meets this requirement.
(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.	Supports	Desktop does not require user speech. The default mode of operation meets this requirement.
(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 default mode of operation meets this requirement. OpenFox™ Desktop never requires simultaneous actions. The proposed system is completely functional and accessible solely via the use of a keyboard.

1194.41: Information, Documentation, and Support

Item	Description	Supports?/ Supporting Features	Comments
(a)	Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	Supports with exceptions	CPI provides product support documentation in both PDF and HTML. If other formats are required, then CPI will provide them at no additional cost so long as the conversion process does not incur significant expenses.
(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 with exceptions	End users have access to a description of the accessibility and compatibility features in both PDF and HTML formats. If other formats are required, then CPI will provide them at no additional cost so long as the conversion process does not incur significant expenses.
(c)	Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	CPI's industry leading support accommodates the communications needs of end-users with disabilities. CPI has strong experience in working with such users across our law enforcement presence in 29 states and 6 federal agencies.