



## Adobe® AIR® 3.3 Voluntary Product Accessibility Template

The purpose of the Voluntary Product Accessibility Template is to assist Federal contracting officials in making preliminary assessments regarding the availability of commercial Electronic and Information Technology products and services with features that support accessibility. It is assumed that offerers will provide additional contact information to facilitate more detailed inquiries.

The first table of the Template provides a summary view of the section 508 Standards. The subsequent tables provide more detailed views of each subsection. There are three columns in each table. Column one of the Summary Table describes the subsections of subparts B and C of the Standards. The second column describes the supporting features of the product or refers you to the corresponding detailed table, "e.g., equivalent facilitation." The third column contains any additional remarks and explanations regarding the product. In the subsequent tables, the first column contains the lettered paragraphs of the subsections. The second column describes the supporting features of the product with regard to that paragraph. The third column contains any additional remarks and explanations regarding the product.

**Date:** 06/08/2012

**Name of Product:** Adobe® AIR® 3.3

**Contact for more Information:** [access@adobe.com](mailto:access@adobe.com)

Guideline	Applicable	Compliance
§1194.21 - <a href="#">Software Applications and Operating Systems</a>	Applicable	Supports with exceptions
§1194.22 - Web-based Intranet and Internet Information and Systems	Not Applicable	-
§1194.23 - Telecommunications Products	Not Applicable	-
§1194.24 - <a href="#">Video and Multimedia Products</a>	Applicable	Supports
§1194.25 - Self-Contained, Closed Products	Not Applicable	-
§1194.26 - Desktop and Portable Computers	Not Applicable	-
§1194.31 - <a href="#">Functional Performance Criteria</a>	Applicable	Supports
§1194.41 - <a href="#">Information, Documentation, Support</a>	Applicable	Supports

## Section 1194.21 Software Applications and Operating Systems - Detail

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.	<b>Supports</b>	Authors will need to ensure that components they use in AIR applications support keyboard accessibility.
(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.	<b>Supports with exceptions</b>	AIR applications do not support high-contrast modes in Windows.  Audio cues are not relayed using the SoundSentry feature in Windows.
(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.	<b>Supports</b>	AIR supports on-screen indication of current focus, and uses a focus manager to expose focus programmatically. Authors will need to ensure that components they use in AIR applications also utilize on-screen indicators and respect focus changes.
(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.	<b>Supports with exceptions</b>	Adobe AIR 3.3 exposes accessibility information for applications built using Flash and Flex technologies. Authors will need to ensure that they have built their applications using accessible development practices. Assistive technology is not supported in HTML or PDF components.
(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.	<b>Supports</b>	Authors will need to ensure that this requirement is met.

Criteria	Supporting Features	Remarks and explanations
(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.	<b>Supports with exceptions</b>	Authors will need to ensure that this requirement is met. Adobe AIR does not expose textual information in HTML or PDF components.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	<b>Does not support</b>	AIR does not check user-selected contrast and color. Authors can build director support for color contrast and display preferences into AIR applications.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	<b>Supports</b>	Authors will need to ensure that this requirement is met.
(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.	<b>Supports</b>	Authors will need to ensure that this requirement is met.
(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.	<b>Supports</b>	Authors will need to ensure that this requirement is met.
(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.	<b>Supports</b>	Authors will need to ensure that this requirement is met.
(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.	<b>Supports with exceptions</b>	Authors will need to ensure that this requirement is met. HTML- and PDF-based forms are not supported.

## Section 1194.24 Video and Multi-media Products - Detail

Criteria	Supporting Features	Remarks and explanations
<p>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.</p>	<p><b>Not Applicable</b></p>	<p>AIR is not capable of displaying analog television signals.</p>
<p>(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.</p>	<p><b>Not Applicable</b></p>	<p>AIR is not capable of displaying analog television signals.</p>
<p>(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.</p>	<p><b>Supports</b></p>	<p>Video and multimedia content displayed in AIR can have open or closed captions associated with it.</p>
<p>(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.</p>	<p><b>Supports</b></p>	<p>Video and multimedia content displayed in AIR can have audio descriptions associated with it.</p>
<p>(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.</p>	<p><b>Supports</b></p>	<p>Alternate text or audio descriptions can be made user-selectable.</p>

## Section 1194.31 Functional Performance Criteria - Detail

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.	<b>Supports</b>	Authors will need to ensure that this requirement is met.
(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.	<b>Supports</b>	Authors will need to ensure that this requirement is met.
(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	<b>Supports</b>	Media can be captioned via Flex. Audio cues are not relayed using the SoundSentry feature in Windows.
(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.	<b>Supports</b>	Authors will need to ensure that this requirement is met.
(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.	<b>Supports</b>	AIR does not require 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.	<b>Supports</b>	Components can be controlled using the keyboard. Authors will need to ensure that this requirement is met.

## Section 1194.41 Information, Documentation, and Support - Detail

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.	<b>Supports</b>	Adobe provides electronic versions of all product support documentation.
(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.	<b>Supports</b>	Adobe provides information on accessibility features in the documentation. Electronic versions of all product support documentation are provided.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	<b>Supports</b>	Product support for Adobe products is available in a variety of formats and from a number of online sources available from Adobe Systems.