



VOLUNTARY PRODUCT ACCESSIBILITY TEMPLATE

Version 1.2*

July 14, 2008

The purpose of the Voluntary Product Accessibility Template, or VPAT, is to assist Federal contracting officials and other buyers in making preliminary assessments regarding the availability of commercial Electronic and Information Technology products and services with features that support accessibility. It is assumed and recommended 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.

* Changes: added Section 1194.41

Date: July 14, 2008

Name of Product: ArcGIS includes ArcInfo Version 9.3, ArcEditor Version 9.3, ArcView Version 9.3, ArcReader version 9.3

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Summary Table Voluntary Product Accessibility Template		
Criteria	Supporting Features	Remarks and Explanations
Section 1194.21 Software Applications and Operating Systems	Supports with exceptions	See detailed response. ArcInfo, ArcEditor, and ArcView are tools that support Section 508 compliant applications, and nothing in the programs would prevent applications used with them from being Section 508 compliant, except for limitations noted in the detailed response.
Section 1194.22 Web-based Internet Information and Applications	N/A	
Section 1194.23 Telecommunications Products	N/A	
Section 1194.24 Video and Multi-media Products	N/A	
Section 1194.25 Self-Contained, Closed Products	N/A	
Section 1194.26 Desktop and Portable Computers	N/A	
Section 1194.31 Functional Performance Criteria	Supports when combined with compatible Assistive Technology (AT)	See detailed response
Section 1194.41 Information, Documentation and Support	Supports with exceptions	See detailed response

**Section 1194.21 Software Applications and Operating Systems Detail
Voluntary Product Accessibility Template**

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 with exceptions	<p>Not all dialogs provide access through keyboard equivalent. Some geoprocessing dialogs do not let the user "tab" through the options on the dialogs from the keyboard. The mouse must be used.</p> <p>The ArcTools application within ArcInfo Workstation does not provide keyboard shortcuts for all menu selections.</p> <p>Note: Keyboard alternatives are required only when the function or the result of performing a function can be represented with words. Many GIS functions (such as drawing lines on the screen) cannot be represented with words and therefore no keyboard equivalent exists for these functions.</p>
(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	
(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 when combined with compatible AT	
(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 with exceptions	Information about user interface objects. Because of the dynamic and customizable nature of the items in the ArcInfo Desktop, ArcView, and ArcEditor applications do not provide sufficient information about the user interface elements to be reliably used with some assistive technologies (e.g., narrator).
(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	
(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	

**Section 1194.21 Software Applications and Operating Systems Detail
Voluntary Product Accessibility Template (cont.)**

Criteria	Supporting Features	Remarks and Explanations
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports with exceptions	<p>The Tables environment of the ArcInfo Desktop, ArcView, and ArcEditor Applications does not use the system settings for font properties. However, the font used in the Tables environment can be reset from within the application itself.</p> <p>The color of Map Tips text cannot be changed via global setting or through application setting and remains black.</p>
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Supports with exceptions	The ArcInfo Desktop, ArcView and ArcEditor Applications use a spinning (animated) globe to indicate work in progress. Currently a non-animated equivalent option is not available.
(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.	Support	
(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	
(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	
(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	

**Section 1194.31 Functional Performance Criteria Detail
Voluntary Product Accessibility Template**

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 when combined with compatible AT	Applications built with ArcGIS software may be used with AT, however some aspects of a map are inherently visual / graphical and cannot be adequately represented in AT.
(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 when combined with compatible AT	Application built with ArcGIS software may be used with AT, however some aspects of a map are inherently visual/graphical and cannot be adequately represented in AT.
(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 reliance on hearing to operate.
(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.	N/A	There is no reliance on hearing to operate.
(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	There is no reliance on speech to operate.
(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	Operation and information retrieval is dependent on operating system settings and configurations. The software supports operating systems and configurations designed to assist user with accessibility.

**Section 1194.41 Information, Documentation and Support Detail
Voluntary Product Accessibility Template**

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 with exceptions	Most product documentation is available on the ESRI Web site to customers for no additional charge. Generally product documentation is available in Adobe® Acrobat® 5 Portable Document Format (PDF) format. Information on Section 508 compliance for PDF is available on the Adobe accessibility Web site at: http://access.adobe.com/section508.html .
(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	Accessibility and compatibility features of ESRI software are described in the product documentation. This documentation is available on the ESRI Web site at www.esri.com , for no additional charge.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports with exceptions	ESRI provides technical support through e-mail, fax, documentation, and chat client.