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Redax is a plug-in for Adobe Acrobat that enables redaction of PDF files for Freedom of Information Act and Privacy Act compliance.

Summary Table
Section 508 Voluntary Product Accessibility Template

Criteria	Supporting Features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems	Plug-in for Adobe Acrobat 5, 6 and 7	Completed
Section 1194.22 Web-based internet information and applications		Completed
Section 1194.23 Telecommunications Products		Not Applicable
Section 1194.24 Video and Multi-media Products		Not Applicable
Section 1194.25 Self-Contained, Closed Products		Not Applicable
Section 1194.26 Desktop and Portable Computers		Not Applicable
Section 1194.31 Functional Performance Criteria		Completed
Section 1194.41 (a) Information, Documentation and Support		Completed

**Section 1194.21 Software Applications and Operating Systems - Detail
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Criteria	Supporting Features	Remarks and explanations
<p>(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.</p>	<p>Redax is a plug-in for Adobe Acrobat. Acrobat enables users to navigate through menus, toolbars, navigation panels, dialog boxes, the document window and other parts of the Acrobat 7 interface without using a mouse.</p> <p>Some functions in Redax such as drawing Redax boxes are not currently keyboard accessible, just as some Acrobat electronic markup is not accessible.</p>	<p>Supports with some exceptions. Redax and Acrobat 7 require at least limited use of the mouse for drawing annotations such as highlights, underscores, strikethroughs and Redax boxes.</p>
<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.</p>	<p>Testing of Redax 3.8 with Adobe Acrobat 7 indicates that neither product disrupts or disables accessibility features of other products or operating systems.</p>	<p>Supported in Redax and Acrobat 7.</p>
<p>(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.</p>	<p>Redax is a plug-in for Adobe Acrobat. Acrobat 7 provides onscreen indication of current focus that moves among interactive interface elements as the input focus changes.</p> <p>In Acrobat 7 for Windows, focus is programmatically exposed through the Microsoft</p>	<p>Supported through Acrobat 7</p>

	Active Accessibility (MSAA) application programming interface (API) which is publicly documented.	
(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.	Redax is a plug-in for Adobe Acrobat. Acrobat 7 provides information about user interface elements through the MSAA API which is publicly documented.	Supported through Acrobat 7
(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.	Acrobat 7 and Redax 3.8 use bitmap images to identify controls and other programmatic elements.	Supported in Acrobat 7 and Redax 3.8
(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.	Acrobat 7 for Windows provides text content and text input caret location through the MSAA API which is publicly documented.	Supported through Acrobat 7
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Neither Acrobat 7 or Redax override user selected contrast and color selections. Redax provides additional color selections for markup of areas to be redacted.	Supported in Acrobat 7 and Redax 3.8
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	PDF files are generally not used for the creation and distribution of animated content, however, if embedded content such as multimedia files are present in a document, they will be unchanged by Redax. In Adobe's VPAT it is recommended that customers utilize features of multimedia content creators (Quicktime, Flash, etc) that are conducive to accessibility of that content.	Supported in Acrobat 7 Not applicable to Redax 3.8

<p>(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.</p>	<p>Neither Acrobat 7 or Redax 3.8 use color as the only means of conveying information, indicating an action, prompting a response or distinguishing a visual element.</p>	<p>Supported in Acrobat 7 and Redax 3.8</p>
<p>(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.</p>	<p>Acrobat 7 allows users to customize the contrast and color settings of the text and background of a PDF file to a variety of colors supported by users systems.</p> <p>In addition, Redax enables users to choose from a selection of colors for marking up content to be redacted from the file.</p>	<p>Supported in Acrobat 7 and Redax 3.8</p>
<p>(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.</p>	<p>Neither Acrobat 7 or Redax use flashing or blinking text, objects or other elements in the software's user interface.</p>	<p>Supported in Acrobat 7 and Redax 3.8</p>
<p>(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.</p>	<p>Acrobat 7 supports MSAA-compliant screen readers and other assistive technologies to access information and enable the completion of forms.</p> <p>Since the purpose of Redax is to remove information, enabling the completion of forms does not apply.</p>	<p>Supported in Acrobat 7. Not applicable to Redax 3.8</p>

**Section 1194.22 Web-based Internet Information and Applications - Detail
Section 508 Voluntary Product Accessibility Template**

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).	Acrobat 7 provides the ability for document authors to encode text equivalents for non-textual information. If these encoded areas are selected for redaction, Redax will remove the area as well as the encoded text equivalents to maintain the confidentiality of the information but it currently does not replace the encoded text with alternate information indicating that a redaction of content has taken place.	Supported in Acrobat 7 when provided by author. Redax 4.0 will identify when an area of information has been redacted.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Multimedia files are created in applications external to Adobe Acrobat and can be embedded in PDF files. Redax does not change embedded multimedia content in PDF files. In Adobe's VPAT it is recommended that customers utilize features of multimedia content creators (Quicktime, Flash, etc) that are conducive to accessibility of that content.	Supported in Acrobat 7 when provided by author. Not applicable to Redax 3.8
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Adobe PDF files support the ability to display any type of page layout and design, including arbitrary uses of color with fonts and backgrounds. In Adobe's VPAT it is recommended that document creators use color in a manner consistent with the standard. Redax does not display web pages but it can redact web pages presented as PDF files.	Supported in Acrobat 7 when provided by author. Not applicable to Redax 3.8
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Not applicable to PDF files. Style sheets are applied to web pages created in markup languages such as HTML.	Not applicable to Acrobat 7 or Redax 3.8
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not applicable to PDF files. Image maps are used by web pages created in HTML	Not applicable to Acrobat 7 or Redax 3.8
(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	Not applicable to PDF files. Image maps are used by web pages created in HTML	Not applicable to Acrobat 7 or Redax 3.8

shape.		
(g) Row and column headers shall be identified for data tables.	If the document author defines table rows and column headers, Adobe Acrobat will automatically make that information available to assistive technology.	Supported through Acrobat 7 when provided by author.
(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.	Not applicable to Redax but supported by Adobe Acrobat is provided by document author.	Supported through Acrobat 7 when provided by author.
(i) Frames shall be titled with text that facilitates frame identification and navigation	Not applicable to PDF files. Image maps are used by web pages created in HTML. Redax does not display web pages but it can redact web pages presented as PDF files.	Not applicable to Acrobat 7 or Redax 3.8
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	PDF files are typically static files that do not cause the screen to flicker.	Supported by Acrobat 7 and Redax 3.8
(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.	PDF files can be tagged by the author to make the PDF file accessible therefore a text page would not be necessary.	Not applicable to Acrobat 7 and Redax 3.8
(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.	Acrobat 7 includes the ability to create and embed JavaScript in PDF files. JavaScript could be used to display content or create interface elements although Adobe cautions authors against using JavaScript in this way	Supported by Acrobat 7 Not applicable to Redax 3.8
(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).	Adobe Reader 7.0 is a free downloadable application that allows users to view and print PDF files across a broad range of hardware and operating systems. The free download is available from many websites. Adobe encourages Webmasters to link to the main Adobe Reader webpage. PDF documents that have been annotated with	Supported by Acrobat 7 and Redax 3.8

	<p>Redax boxes can be viewed and printed using the free Adobe Reader. PDF documents that have been redacted with Redax can also be viewed and printed using the free Adobe Reader.</p>	
<p>(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.</p>	<p>Adobe PDF forms can be optimized by the author for accessibility.</p> <p>Since the purpose of Redax is to remove information, enabling the completion of forms does not apply.</p>	<p>Supported by Acrobat 7.</p> <p>Not applicable to Redax 3.8</p>
<p>(o) A method shall be provided that permits users to skip repetitive navigation links.</p>	<p>PDF files may contain navigation links. Adobe's VPAT encourages authors to create navigation links in a manner consistent with accessibility standards.</p> <p>Redax does not create or manipulate navigation links.</p>	<p>Supported by Acrobat 7 when provided by document author.</p> <p>Not applicable to Redax 3.8</p>
<p>(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.</p>	<p>Adobe Acrobat 7 includes support for JavaScript which could be used to create PDF files with timed responses. Adobe cautions authors to make sure any timed responses are implemented in a manner consistent with accessibility standards.</p> <p>Redax does not create or change timed responses.</p>	<p>Supported by Acrobat 7 when provided by document author.</p> <p>Not applicable to Redax 3.8</p>

**Section 1194.31 Functional Performance Criteria - Detail
Section 508 Voluntary Product Accessibility Template**

Criteria	Supporting Features	Remarks and explanations
(a) Vision: 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.	Adobe Acrobat 7 provides direct support for assistive technologies via the MSAA API for Windows. Acrobat 7 provides direct support for users with low vision through equivalent facilitation with features such as Read Out Loud, high-contrast viewing and the ability to zoom in and reflow text on the screen.	Supported by Redax 3.8 through Acrobat 7.
(b) Visual acuity: At least one mode of operation and information retrieval that does not require visual acuity great 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.	Adobe Acrobat 7 provides direct support for assistive technologies via the MSAA API for Windows. Acrobat 7 provides direct support for users with low vision through equivalent facilitation with features such as Read Out Loud, high-contrast viewing and the ability to zoom in and reflow text on the screen.	Supported by Redax 3.8 through Acrobat 7.
(c) Hearing: 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.	Neither Acrobat 7 or Redax 3.8 require user hearing to operate the software.	Supported by Acrobat 7 and Redax 3.8
(d) Audio Information: 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.	<p>Neither Acrobat 7 or Redax 3.8 require user hearing to operate the software.</p> <p>Acrobat 7 supports the ability to play embedded audio files, such as .wav or QuickTime files. In Adobe's VPAT authors are encouraged to implement these files in a manner consistent with accessibility standards.</p> <p>Redax does not create or change embedded audio files.</p>	Supported by Acrobat 7 and Redax 3.8 when provided by document author.

<p>(e) Speech: 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.</p>	<p>Neither Acrobat 7 or Redax 3.8 require user speech to operate the software.</p>	<p>Supported by Acrobat 7 and Redax 3.8</p>
<p>(f) Motor Skills/Coordination: 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.</p>	<p>Keyboard navigation is provided for most menu commands in Acrobat 7. Accessibility to keyboard commands that require modifier keys is supported through operating system features such as sticky keys.</p> <p>Some functions in Acrobat 7 such as Freehand drawing tools for electronic markup of PDF files are not keyboard accessible.</p> <p>Redax 3.8 supports the keyboard navigation features available in Acrobat 7, however Redax specific menu items are not currently enabled for keyboard navigation.</p>	<p>Supported by Acrobat 7 with some exceptions.</p> <p>Limited support in Redax 3.8 with additional support planned for Redax 4.0.</p>

**Section 1194.41 Information, Documentation, and Support - Detail
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Criteria	Supporting Features	Remarks and explanations
<p>Section 1194.41 (a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge.</p>	<p>Adobe provides electronic versions of all product support documentation, with mechanisms available for the conversion of these documents to alternate formats.</p> <p>Appligent provides printed and electronic versions of all product support documentation. In addition, our support staff is available to answer questions by phone or e-mail. Online interactive support sessions are also available using GoToMeeting.</p>	<p>Supported by Acrobat 7 and Redax 3.8</p>
<p>(b) End-users shall have access to a</p>	<p>Adobe provides electronic versions of all</p>	<p>Supported by Acrobat 7 and Redax 3.8</p>

<p>description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge.</p>	<p>product support documentation, with mechanisms available for the conversion of these documents to alternate formats.</p> <p>Applicant provides printed and electronic versions of all product support documentation. In addition, our support staff is available to answer questions by phone or e-mail. Online interactive support sessions are also available using GoToMeeting.</p>	
<p>(c) Support services for products shall accommodate the communication needs of end-users with disabilities.</p>	<p>Product support for Adobe products is available in a variety of formats and from a number of online sources. TTY/TDD services are not currently available.</p> <p>Applicant provides printed and electronic versions of all product support documentation. In addition, our support staff is available to answer questions by phone or e-mail. Online interactive support sessions are also available using GoToMeeting. TTY/TTD services are not currently available.</p>	<p>Supported by Acrobat 7 and Redax 3.8 with some exceptions.</p> <p>TTY/TTD services are not currently available.</p>