

Section 508 Voluntary Product Accessibility Template (VPAT)



Performed by TestPros

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January 29, 2009

Section 508 Background:

The Workforce Investment Act of 1998, Public Law 105-220, was enacted on August 7, 1998. Title IV of the Act is the Rehabilitation Act Amendments of 1998. Subsection 408(b) amended section 508 of the Rehabilitation Act of 1973 (29 U.S.C. 794d). Subsection 508(a)(1) requires that when Federal departments or agencies develop, procure, maintain, or use Electronic and Information Technology (EIT), they must ensure that the EIT allows Federal employees with disabilities to have access to and use of information and data that is comparable to the access to and use of information and data by other Federal employees. Section 508 also requires that individuals with disabilities, who are members of the public seeking information or services from a Federal department or agency, have access to and use of information and data that is comparable to that provided to the public without disabilities.

The Bluebeam PDF Revu application, created by Bluebeam Software, Inc., is designed to create, view, and allow modifications to either an existing PDF document or a new one. Over the past few releases of Bluebeam the product has evolved to include more features and enhance others. One enhancement is the ability to allow disabled individuals greater and smoother access to their product.

Section 508 Compliance Testing Methods:

TestPros was contracted by Bluebeam Software, Inc. to test for Section 508 compliance and document the test findings for Bluebeam PDF Revu version 6.5.4. The application was tested for Section 508 subpart B per 1194.21, 1194.31, and 1194.41 Compliance. The test was performed at TestPros Inc. 1800 Michael Faraday Drive, First Floor, Reston, VA 20190. Testing consisted of identification of Section 508 subpart B per 1194.21 compliance issues mandated by CFR 48 CFR Parts 2, 7, 10, 11, 12, and 39 specifically Part 1194 Electronic and Information Technology Accessibility Standards, Sub Part B - Technical Standards Section 1194.21 Software Applications and Operating Systems, 1194.31 Functional Performance Criteria, and 1194.41 Information, Documentation, and Support. TestPros performed the Section 508 compliance testing using the Bluebeam PDF Revu provided by Bluebeam Software, Inc., specifically for the purposes of this testing. The tests were run on a standard desktop computer using the Microsoft XP operating system.

The Bluebeam PDF Revu application does not interfere with the use of third party products to allow for such features as text-to-speech. The Bluebeam website has been updated to include the VPAT for its software and information pertaining to disabilities.

Summary of Section 508 Evaluation

The test results for Bluebeam PDF Revu Version 6.5.4 software are summarized below:

Section Tested	Application Tested	Test Result
Section 1194.21	Bluebeam PDF Revu Version 6.5.4	Compliant
Section 1194.31	Bluebeam PDF Revu Version 6.5.4	Compliant
Section 1194.41	Bluebeam PDF Revu Version 6.5.4	Compliant

Summary of Section 508 Test Results

Date:	January 29, 2009
Name of Product:	Bluebeam PDF Revu
Contact for more Information:	http://www.Bluebeam.com

Summary Table
Voluntary Product Accessibility Template

Criteria	Supporting Features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems	Supported. Please refer to the attached VPAT.	Bluebeam is a stand alone application according to the definition in Section 1194.21. Please refer to the attached VPAT.
Section 1194.22 Web-based internet information and applications		Bluebeam PDF Revu application is not considered a web based product according to the definition in Section 1194.23.
Section 1194.23 Telecommunications Products		Bluebeam PDF Revu application is not considered a telecommunications product according to the definition in Section 1194.23.
Section 1194.24 Video and Multi-media Products		Bluebeam PDF Revu application does not use multimedia except as covered in section 1194.21.
Section 1194.25 Self-Contained, Closed Products		Bluebeam PDF Revu application is not a self-contained product according to the definition in Section 1194.25.
Section 1194.26 Desktop and Portable Computers		Bluebeam PDF Revu application is software as defined under section 1194.26.
Section 1194.31 Functional Performance Criteria	Supported. Please refer to the attached VPAT.	Please refer to the attached VPAT.
Section 1194.41 (a) Information, Documentation and Support	Supported. Please refer to the attached VPAT.	Please refer to the attached VPAT.

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.	Supported Keyboard	The use of the keyboard was useable for all options of the application. It is noted that due to the nature of the application some of the features, CAD functions, were not directly available through the use of the keyboard but were able to access them through the use of the keyboard controlled mouse.
(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.	Fully Supported Zoom features, third party applications are useable within the application.	The application does not disrupt or prevent any third party software from functioning. Testing showed that text-to-speech and keyboard controls were functional. The application does provide for any documents opened within the application to be zoomed in or out. The application does not disrupt any native OS features and OS 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.	Supported with minor exceptions	When using the keyboard, limited indication is provided to display the current focus. Some screens had this functionality but some did not, such as providing a caption when the focus is gained for a control on the main screen. Also the color of a few controls was the same whether the control had focus or not.
(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.	Criteria not applicable to this application	N/A No images are used as program elements.
(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.	Criteria not applicable to this application	N/A No images are used as program elements.

(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.	Fully Supported Annotation in the Markup list provides this function.	Text attributes can be displayed using the Bluebeam application. This is displayed in the Annotation section of the Markup list.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Fully Supported The functions found in the native Windows OS are not affected by the Bluebeam PDF Revu application.	The application is set up to default to the Windows OS contract and color. These functions are not changed within the application itself.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Fully Supported Criteria not applicable to this application	N/A No animation is used as program elements.
(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.	Fully Supported Basic view vs. Classic view	The application allows for a “Classic” view of both the Redu and Stapler. This “Classic” view provides for color contrasting not available in the default view.
(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.	Fully Supported The functions found in the native Windows OS are not affected by the Bluebeam PDF Revu application.	The application is set up to default to the Windows OS contract and color. These functions are not changed within the application itself.
(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.	Criteria not applicable to this application	N/A No animation of any kind is used as program elements
(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.	Fully Supported Third party software can be used.	Third party software can be used to display and manipulate information within the Bluebeam application. A manual operation is available through the use of the keyboard. Third party software can also be used to convert text-to-speech.

Section 1194.31 Functional Performance Criteria - Detail Voluntary Product Accessibility		
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.	Fully Supported Third party text-to-speech capabilities exist. The Bluebeam PDF Revu allows for the support of any third party product that is available through the existing OS.	Commonly-used Assistive Technology (AT) may be used with The Bluebeam PDF Revu application. Support has been verified for the following Screen Readers: - JAWS 9.0 - Window-Eyes 7.0 - NaturalReader
(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.	Fully Supported	User interface information is available to users with low vision via options to display information through the native OS. The Bluebeam PDF Revu application also deploys some CAD functionality and any document being viewed can be enlarged.
(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.	Fully Supported	Bluebeam PDF Revu uses a text based format for all of its features. No sound related functions are used as the only means of indicating an operation has been used successfully or not.
(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.	Criteria not applicable to this application	N/A
(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.	Criteria not applicable to this application	N/A
(f) At least one mode of operation and	Fully Supported	All operations of the

information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.		Bluebeam PDF Revu are accessible through mouse, keyboard, or other computer interface devices.
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Section 1194.41 Information, Documentation and Support - Detail Voluntary Product Accessibility		
<i>Criteria</i>	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.	Fully Supported	<p>Online User Guide is compliant</p> <p>Documentation for Bluebeam PDF Revu application is provided in digital format. Any native OS or third party text-to-speech program can be used to provide an alternate format for viewing this information. This documentation is available through the product itself.</p> <p>The documentation on the Bluebeam web site is accessible when it is browsed by using Microsoft® Internet Explorer® 6.0 or later, Mozilla Firefox 1.5, Netscape Navigator 6.0 or later, and Safari on Mac.</p> <p>Technical troubleshooting information is also available on the Bluebeam Help and Support Web site: http://www.Bluebeam.com/</p> <p>The Bluebeam web site provides mechanisms by which customers can provide feedback about the content, including suggestions for additional information that may help people with disabilities.</p>
(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.	Fully Supported	<p>Bluebeam has had 508 testing performed on its .pdf Revu software. The results have been noted within this VPAT.</p> <p>Accessibility features and associated documentation is provided through the website at: http://www.Bluebeam.com/web07/us/company/accessibility.asp.</p>
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Fully Supported	<p>Support options and services are available through the Bluebeam webpage, fax, email, and phone. Information is available through their website at: http://www.Bluebeam.com/web07/us/company/accessibility.asp</p> <p>For technical assistance in the United States, customers can contact Bluebeam Customer Service and Support via:</p> <p>support@Bluebeam.com or by phone at 626-296-2140 ext 2 between 8:00 A.M. and 5:00 P.M Pacific Time, Monday through Friday, excluding holidays.</p>

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.	Keyboard	The use of the keyboard was useable for all options of the application. It is noted that due to the nature of the application some of the features, CAD functions, were not directly available through the use of the keyboard but were able to access them through the use of the keyboard controlled mouse.
(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.	Zoom features, third party applications are useable within the application.	The application does not disrupt or prevent any third party software from functioning. Testing showed that text-to-speech and keyboard controls were functional. The application does provide for any documents opened within the application to be zoomed in or out. The application does not disrupt any native OS features as well.
(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.		When using the keyboard, limited indication is provided to display the current focus. Some screens had this functionality but some did not, such as providing a caption when the focus is gain for a control on the main screen. Also the color of a few controls was the same whether or not the control had focus or not.
(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.		No images are used as program elements.
(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.		No images are used as program elements.
(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.		Text attributes can be displayed using the Bluebeam application. This is displayed in the Annotation section of the markup list.
(g) Applications shall not override user selected		The application is set up to default to the

contrast and color selections and other individual display attributes.		Windows OS contract and color. These functions are not changed within the application itself.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.		No animation is used as program elements.
(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.	Basic view vs. Classic view	Two views are allowed for the application. The “Classic” view allows for color contrasting.
(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.		The application is set up to default to the Windows OS contract and color. These functions are not changed within the application itself.
(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.		No animation of any kind is used as program elements
(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.		Third party software can be used to display and manipulate information within the Bluebeam application.

The overall 508 posture of the Bluebeam PDF Revu application is good. The application allows for multiple views, which enhance the ability to distinguish controls. All controls are accessible through either the tab functionality of the Windows OS, short cut key functions from the application, or through mouse actions. The Bluebeam website provides information regarding both the website and application accessibility for users with disabilities.