

# Voluntary Product Accessibility Template – PowerBroker for Mac

The VPAT (Voluntary Product Accessibility Template) product is a tool developed by ITIC (Information Technology Industry Council) and government GSA (Government Services Administration) to help facilitate the market research responsibilities of Federal IT professionals by enabling government requestors to compare vendor products.

In recognition and support of the “Electronic and Information Accessibility Standards” defined by Section 508 of the Rehabilitation Act, BeyondTrust publishes accessibility self-assessments of our products using VPATs. BeyondTrust’s engineering teams update the VPATs for their products during each major release cycle to reflect accessibility improvements contained in the latest release.

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| Date:         | January 4, 2016     |
| Product Name: | PowerBroker for Mac |
| Version:      | V1x                 |

**Summary Table  
Section 508 Voluntary Product Accessibility Template**

| <b>Criteria</b>   | <b>Supporting Features</b>   | <b>Remarks and explanations</b>                    |
|---|--|--|
| Section 1194.21 Software Applications and Operating Systems     | Supported, PowerBroker for Mac v1.x                                      | Mac OS Application for Desktop and Servers         |
| Section 1194.22 Web-based internet information and applications | Supported, BeyondInsight v5.x provides reporting for PowerBroker for Mac | Optional reporting console for PowerBroker for Mac |
| 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   |  |

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| Section 1194.31 Functional Performance Criteria | Supported, attached VPAT PowerBroker for Mac v1.x |  |
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**Section 1194.21 Software Applications and Operating Systems -  
Detail Voluntary Product Accessibility Template**

| <b>Criteria</b>  | <b>Supporting Features</b> | <b>Remarks and explanations</b>  |
|--|----------------------------|--|
| (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                  | The solution is a Mac OS Application that supports keyboard navigation and input once focus has been established with the application. |
| (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. | Supported                  | The solution does not disrupt or disable any accessibility features in the OS or installed after market.                               |
| (c) A well defined on-screen indication of the current focus shall be provided that  | Supported                  | Input fields are properly highlighted for focus while navigating through the solution.   |

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| <p>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>(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.</p> | Supported               | Graphical elements have supporting text to present the form, fit, and function of action or task.  |
| <p>(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.</p>   | Supported               | The use of tool tips and descriptions is used consistently throughout the product for navigation, performance, and meaning. All models use a standardized template for grids, rules, and navigation tools. |
| <p>(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.</p>  | Supported               | All textual information is displayed through the operating system and best practices for implementation. All minimum information requirements are met throughout the solution.                             |
| <p>(g) Applications shall not override user selected contrast and color selections and other individual display attributes.</p>   | Supported with comments | The applications contrast, color, and fonts are defined within policies and can override the users settings if they are explicitly set.  |
| <p>(h) When animation is displayed, the information shall be displayable in at</p>  | Not applicable          | The solution does not use any animation to convey information  |

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| least one non-animated presentation mode at the option of the user.  |                         |   |
| (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.   | Supported with comments | The solution supports customizing color-coding to convey messages if they are explicitly set to perform this function. Default settings honor color schemes defined on the client system. |
| (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.  | Supported with comments | The solution does allow administrators to adjust color and contrast for messages based on rules. End users cannot modify these settings.  |
| (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.   | Not applicable          | The solution does not use any flashing or blinking text to convey messages.   |
| (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. | Supported               | Electronic forms support these functions.   |

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

| <b>Criteria</b>  | <b>Supporting Features</b>            | <b>Remarks and explanations</b>  |
|--|---------------------------------------|--|
| (a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).                                     | Supported with conditional exceptions | PowerBroker for Mac is not a web-based application. BeyondInsight, the reporting console for PowerBroker for Mac uses tool tips and other methods to display text equivalents.   |
| (b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.   | Not applicable                        | Not Applicable   |
| (c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.             | Supported with conditional exceptions | PowerBroker for Mac is not a web-based application. BeyondInsight, used for PowerBroker for Mac reporting, does not use color to convey the disposition of data elements but is helpful in quickly identifying data items by design. |
| (d) Documents shall be organized so they are readable without requiring an associated style sheet.   | Supported                             | PowerBroker for Mac is not a web-based application. BeyondInsight, used for PowerBroker for Mac reporting, can export data to web based solutions that do not require a style sheet.   |
| (e) Redundant text links shall be provided for each active region of a server-side image map.  | Not applicable                        | The solution does not include the use of 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. | Not applicable                        | The solution does not include the use of client-side image maps.   |
| (g) Row and column headers shall be identified for data  | Supported                             | Provided as a part of BeyondInsight, used for  |

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| tables.  |                                       | PowerBroker for Mac reporting.  |
| (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.   | Supported                             | Provided as a part of BeyondInsight, used for PowerBroker for Mac reporting.  |
| (i) Frames shall be titled with text that facilitates frame identification and navigation  | Not applicable                        | The solution does not use HTML Frames for rendering data  |
| (j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.  | Not applicable                        |   |
| (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. | Not applicable                        | There are no text only frames generated by the solution. All rendering is done through Adobe Flash or Microsoft Silverlight for the BeyondInsight reporting console and for web services based policy management. PowerBroker for Mac itself is not a web-based solution. |
| (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.  | Supported with conditional exceptions | PowerBroker for Mac is inherently not a web-based application. The BeyondInsight management console used for reporting is based on Adobe Flash and supports this technology to the native extent of the technology.   |
| (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)  | Supported with conditional exceptions | Only the reporting module uses the Adobe Flash plugin and MS Silverlight plugin. These are required to interpret page content for the solution to report. BeyondInsight provides a link to the plugin if it is not installed and will not function unless it is           |

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| through (l).   |                | downloaded and installed correctly. PowerBroker for Mac itself is not a web-based application.  |
| (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. | Supported      | For the reporting console, BeyondInsight, form fields are displayed in a logical tab order and all information necessary to properly complete the form is viewable on the page and can be navigate with a keyboard, mouse, and assistive technology. PowerBroker for Mac itself is not a web-based application. |
| (o) A method shall be provided that permits users to skip repetitive navigation links.   | Supported      | The solution does not use a repetitive navigation section.  |
| (p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.  | Not applicable | The solution has no timed based response required input.  |

Note to 1194.22: The Board interprets paragraphs (a) through (k) of this section as consistent with the following priority 1 Checkpoints of the Web Content Accessibility Guidelines 1.0 (WCAG 1.0) (May 5 1999) published by the Web Accessibility Initiative of the World Wide Web Consortium: Paragraph (a) - 1.1, (b) - 1.4, (c) - 2.1, (d) - 6.1, (e) - 1.2, (f) - 9.1, (g) - 5.1, (h) - 5.2, (i) - 12.1, (j) - 7.1, (k) - 11.4.

**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.  | Supported with comments | The solution does allow screen reader solutions to assist with operations for individuals that are visually impaired or blind.                              |
| (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. | Supported               | Users of Mac operating systems can access Zoom or other features available in the Accessibility Options. A 3rd party Assistive Technology may also be used. |
| (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   | Not applicable          | The solution does not contain any audible alerts  |
| (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.  | Not applicable          | The solution does not contain any audible alerts  |



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| (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. | Not applicable | The solution does not require any speech for normal operation                             |
| (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.     | Supported      | The solution supports multiple input or assisted technology devices for management or use |

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

| <b>Criteria</b>   | <b>Supporting Features</b>            | <b>Remarks and explanations</b>   |
|---|---------------------------------------|---|
| (a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge  | Supported with conditional exceptions | Documentation can be provided in hard copy and electronic formats that are compatible with accessibility technology.                          |
| (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. | Supported                             | Documentation regarding these features can be provided in hard copy and electronic formats that are compatible with accessibility technology. |
| (c) Support services for products shall accommodate the communication needs of end-users with disabilities.   | Supported with conditional exceptions | This is supported to the extent that technical support can properly use diagnostic tools to support the solution.                             |

## Software Applications and Operating Systems (1194.21)

Most of the specifications for software pertain to usability for people with vision impairments. For example, one standard requires alternative keyboard navigation, which is essential for people with vision impairments who cannot rely on pointing devices, such as a mouse.

Overview of Software Application and Operating Systems standards:

- (a) *Keyboard*. Execute product functions from a keyboard, when software is designed to run on a system with a keyboard and the function or the result of performing the function can be discerned textually.
- (b) *Compatibility*. Do not disrupt or disable activated accessibility features of other products, where those features developed and documented according to industry standards. Do not disrupt or disable activated accessibility features of any operating system, where application-programming interface for those features has been documented by the operating system manufacturer and is available to the product developer.
- (c) *Visual focus indicators*. Provide well-defined and programmatically exposed visual focus indicator for interactive interface elements as input focus changes so assistive technology can track focus and focus changes.
- (d) *User interface element*. Provide information to enable assistive technology to understand the identify, operation, and state of the element. When an image represents a program element, information conveyed by the image must also be available in text.
- (e) *Bitmap images*. Must be assigned consistent meaning throughout application's performance when used to identify controls, status indicators, or other programmatic elements.
- (f) *Textual information*. Provide textual information through operating system functions for displaying text, including text content, text input caret location, and text attributes.
- (g) *Display attributes*. Do not override user-selected contrast and color selections and other individual display attributes.
- (h) *Animation*. Display information in at least one non-animated presentation mode at option of user when animation displayed.
- (i) *Color-coding*. Do not use color-coding as only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.
- (j) *Color and contrast settings*. Provide variety of color selections capable of producing a range of contrast levels when a product permits a user to adjust color and contrast settings.
- (k) *Flashing or blinking text*. Do 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.
- (l) *Electronic forms*. Provide a format that allows access via assistive technology to information, field elements, and functionality required for completion and submission of the form, including directions and cues.

## About BeyondTrust

BeyondTrust® is a global cyber security company that believes preventing data breaches requires the right visibility to enable control over internal and external risks.

We give you the visibility to confidently reduce risks and the control to take proactive, informed action against data breach threats. And because threats can come from anywhere, we built a [platform](#) that unifies the most effective technologies for addressing both internal and external risk: [Privileged Account Management](#) and [Vulnerability Management](#). Our solutions grow with your needs, making sure you maintain control no matter where your organization goes.

BeyondTrust's security solutions are trusted by over 4,000 customers worldwide, including over half of the Fortune 100. To learn more about BeyondTrust, please visit [www.beyondtrust.com](http://www.beyondtrust.com).