

## Voluntary Product Evaluation Template (VPAT)

**Date: 8 September, 2017**

**Name of Product: Kaltura Application Framework (KAF) Based LMS Integration for Blackboard Learn, Canvas, Brightspace, and Moodle – User Interface**

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Summary Table		
Criteria	Supporting Features	Remarks and explanations
Section 1194.21 <a href="#">Software Applications and Operating Systems</a>	Supports with Exceptions	Refer to detail below.
Section 1194.22 <a href="#">Web-based internet information and applications</a>	Supports with Exceptions	Refer to detail below.
Section 1194.23 <a href="#">Telecommunications Products</a>	Not Applicable	
Section 1194.24 <a href="#">Video and Multi-media Products</a>	Not Applicable	This VPAT refers specifically to the Kaltura Application Framework web-based user interface and its compliance with accessibility requirements. It does not apply to the individual media items uploaded to Kaltura Application Framework.
Section 1194.25 <a href="#">Self-Contained, Closed Products</a>	Not Applicable	
Section 1194.26 <a href="#">Desktop and Portable Computers</a>	Not Applicable	
Section 1194.31 <a href="#">Functional Performance Criteria</a>	Supports with Exceptions	Refer to detail below.
Section 1194.41 <a href="#">Information, documentation, and support.</a>	Supports	

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**Section 1194.21 Software Applications and Operating Systems**

\* Refer to ( <http://www.access-board.gov/sec508/guide/1194.21.htm> ) for details on the guidelines listed below.

<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.	Supports	All functions and results can be discerned textually.
(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	The Kaltura LMS Integration does not disrupt or disable any accessibility features of the Operating System, including high contrast modes, Sticky Keys, Toggle Keys, and Filter Keys.
(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 with Exceptions	Current focus is well-defined throughout the Kaltura LMS Integration interface as input focus changes.  In Internet Explorer, in some cases the thumbnail highlight is lost. This will be repaired in Q42017.
(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	
(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	When an image is used, the meaning of that image is consistent throughout the application.
(f) Textual information shall be provided through operating system functions for	Supports	Standard operating system functions are used for displaying

displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.		text in the Kaltura LMS Integration.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports	The Kaltura LMS Integration respects user-side style sheets and does not override contrast and color attributes.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Not Applicable	Animation is not used as part of the Kaltura LMS Integration user interface.
(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.	Supports with Exceptions	An update to this issue is current in development, and will be deployed in Q42017.
(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.	Not Applicable	End users do not have the ability to adjust color and contrast settings except through the use of client-side style sheets or other local computer functions.
(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	No flashing or blinking elements are used in the Kaltura LMS Integration user interface.
(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	All form fields and elements are appropriately labeled.

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**Section 1194.22 Web-based Internet information and applications**

\* Refer to ( <http://www.access-board.gov/sec508/guide/1194.22.htm>) for details on the guidelines listed below.

<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).	Supports	All non text elements have text equivalents indicating their function or purpose.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Supports	Videos uploaded to Kaltura can include closed captions in either SRT or DFXP format. Audio narration can be added as an optional related file for users to download.
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Supports with Exceptions	In a limited number of cases, information is not effectively conveyed without color. However, an update will be deployed during Q42017 fixing this issue.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	
(e) Redundant text links shall be provided for each active region of a focus server-side image map.	Not Applicable	Server side image maps are not used in the Kaltura LMS Integration.
(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	Client-side image maps are not used in the Kaltura LMS Integration.
(g) Row and column headers shall be identified for data tables.	Not Applicable	No data tables are used in the Kaltura LMS Integration.
(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	No data tables are used in the Kaltura LMS Integration.
(i) Frames shall be titled with text that facilitates frame identification and navigation	Supports	
(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	No flashing or blinking elements are used in the application user interface.
(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with	Not Applicable	A text-only alternative is not needed to provide an alternative to accomplish

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.		application functionality.
(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.	Supports	
(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).	Supports With Exceptions	There is very little functionality in the Kaltura LMS Integration that relies upon a third-party plug-in. Clipping and trimming are notable exceptions, and an update to those tools is scheduled on the roadmap.
(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.	Supports	
(o) A method shall be provided that permits users to skip repetitive navigation links.	Not Supported	Headings are used for content layout, but skip nav links are not available.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not Applicable	Timed responses are not required in the Kaltura LMS Integration.

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.

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<b>Section 1194.23 Telecommunications Products</b>		
<b>* Refer to ( <a href="http://www.access-board.gov/sec508/guide/1194.23.htm">http://www.access-board.gov/sec508/guide/1194.23.htm</a> ) for details on the guidelines listed below.</b>		
<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
(a) Telecommunications products or systems which provide a function	Not Applicable	The Kaltura LMS Integration is not a telecommunications product.

allowing voice communication and which do not themselves provide a TTY functionality shall provide a standard non-acoustic connection point for TTYS. Microphones shall be capable of being turned on and off to allow the user to intermix speech with TTY use.		
(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.	Not Applicable	The Kaltura LMS Integration is not a telecommunications product.
(c) Voice mail, auto-attendant, and interactive voice response telecommunications systems shall be usable by TTY users with their TTYS.	Not Applicable	The Kaltura LMS Integration is not a telecommunications product.
(d) Voice mail, messaging, auto-attendant, and interactive voice response telecommunications systems that require a response from a user within a time interval, shall give an alert when the time interval is about to run out, and shall provide sufficient time for the user to indicate more time is required.	Not Applicable	The Kaltura LMS Integration is not a telecommunications product.
(e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYS, and for users who cannot see displays.	Not Applicable	The Kaltura LMS Integration is not a telecommunications product.
(f) For transmitted voice signals, telecommunications products shall provide a gain adjustable up to a minimum of 20 dB. For incremental volume control, at least one intermediate step of 12 dB of gain shall be provided.	Not Applicable	The Kaltura LMS Integration is not a telecommunications product.
(g) If the telecommunications product allows a user to adjust the receive volume, a function shall be provided to automatically reset the volume to the default level after every use.	Not Applicable	The Kaltura LMS Integration is not a telecommunications product.
(h) Where a telecommunications product delivers output by an audio transducer which is normally held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided.	Not Applicable	The Kaltura LMS Integration is not a telecommunications product.
(i) Interference to hearing technologies (including hearing aids, cochlear implants, and assistive listening devices)	Not Applicable	The Kaltura LMS Integration is not a telecommunications product.

shall be reduced to the lowest possible level that allows a user of hearing technologies to utilize the telecommunications product.		
(j) Products that transmit or conduct information or communication, shall pass through cross-manufacturer, non-proprietary, industry-standard codes, translation protocols, formats or other information necessary to provide the information or communication in a usable format. Technologies which use encoding, signal compression, format transformation, or similar techniques shall not remove information needed for access or shall restore it upon delivery.	Not Applicable	The Kaltura LMS Integration is not a telecommunications product.
(k)(1) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be tactilely discernible without activating the controls or keys.	Not Applicable	The Kaltura LMS Integration does not have any mechanically operated controls.
(k)(2) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be operable with one hand and shall not require tight grasping, pinching, twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2N) maximum.	Not Applicable	The Kaltura LMS Integration does not have any mechanically operated controls.
(k)(3) Products which have mechanically operated controls or keys shall comply with the following: If key repeat is supported, the delay before repeat shall be adjustable to at least 2 seconds. Key repeat rate shall be adjustable to 2 seconds per character.	Not Applicable	The Kaltura LMS Integration does not have any mechanically operated controls.
(k)(4) Products which have mechanically operated controls or keys shall comply with the following: The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.	Not Applicable	The Kaltura LMS Integration does not have any mechanically operated controls.

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<b>Section 1194.24 Video and Multi-media Products</b>		
* Refer to ( <a href="http://www.access-board.gov/sec508/guide/1194.24.htm">http://www.access-board.gov/sec508/guide/1194.24.htm</a> ) for details on the guidelines listed below.		
<b>Criteria</b>	<b>Supporting</b>	<b>Remarks and</b>

	<b>Features</b>	<b>explanations</b>
(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.	Not Applicable	The Kaltura LMS Integration is not a hardware display device.
(b) Television tuners, including tuner cards for use in computers, shall be equipped with secondary audio program playback circuitry.	Not Applicable	The Kaltura LMS Integration is not a TV tuner.
(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.	Not Applicable	The Kaltura LMS Integration fully supports closed captioning.
(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.	Not Applicable	The Kaltura LMS Integration supports audio descriptions.
(e) Display or presentation of alternate text presentation or audio descriptions shall be user-selectable unless permanent.	Not Applicable	

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**Section 1194.25 Self-Contained, Closed Products**

\* Refer to ( <http://www.access-board.gov/sec508/guide/1194.25.htm> ) for details on the guidelines listed below.

<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
(a) Self contained products shall be usable by people with disabilities without requiring an end-user to attach Assistive Technology to the product. Personal headsets for private listening are not Assistive Technology.	Not Applicable	The Kaltura LMS Integration is not a self-contained, closed product.
(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not Applicable	The Kaltura LMS Integration is not a self-contained, closed product.
(c) Where a product utilizes touchscreens or contact-sensitive controls, an input method shall be provided that complies with 1194.23 (k) (1) through (4).	Not Applicable	The Kaltura LMS Integration is not a self-contained, closed product.
(d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not Applicable	The Kaltura LMS Integration is not a self-contained, closed product.
(e) When products provide auditory output, the audio signal shall be provided at a standard signal level through an industry standard connector that will allow for private listening. The product must provide the ability to interrupt, pause, and restart the audio at anytime.	Not Applicable	The Kaltura LMS Integration is not a self-contained, closed product.
(f) When products deliver voice output in a public area, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. Where the ambient noise level of the environment is above 45 dB, a volume gain of at least 20 dB above the ambient level shall be user selectable. A function shall be provided to automatically reset the volume to the default level after every use.	Not Applicable	The Kaltura LMS Integration is not a self-contained, closed product.
(g) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Not Applicable	The Kaltura LMS Integration is not a self-contained, closed product.
(h) When a product permits a user to adjust color and contrast settings, a range of color selections capable of producing a variety of contrast levels shall be provided.	Not Applicable	The Kaltura LMS Integration is not a self-contained, closed product.
(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Not Applicable	The Kaltura LMS Integration is not a self-contained, closed product.
(j) (1) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: The position of any	Not Applicable	The Kaltura LMS Integration is not a self-contained, closed

operable control shall be determined with respect to a vertical plane, which is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length on products which are freestanding, non-portable, and intended to be used in one location and which have operable controls.		product.
(j)(2) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is 10 inches or less behind the reference plane, the height shall be 54 inches maximum and 15 inches minimum above the floor.	Not Applicable	The Kaltura LMS Integration is not a self-contained, closed product.
(j)(3) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is more than 10 inches and not more than 24 inches behind the reference plane, the height shall be 46 inches maximum and 15 inches minimum above the floor.	Not Applicable	The Kaltura LMS Integration is not a self-contained, closed product.
(j)(4) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Operable controls shall not be more than 24 inches behind the reference plane.	Not Applicable	The Kaltura LMS Integration is not a self-contained, closed product.

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<b>Section 1194.26 Desktop and Portable Computers</b>		
* Refer to ( <a href="http://www.access-board.gov/sec508/guide/1194.26.htm">http://www.access-board.gov/sec508/guide/1194.26.htm</a> ) for details on the guidelines listed below.		
<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
(a) All mechanically operated controls and keys shall comply with 1194.23 (k) (1) through (4).	Not Applicable	The Kaltura LMS Integration has no mechanically operated controls.
(b) If a product utilizes touchscreens or touch-operated controls, an input method shall be provided that complies with 1194.23 (k) (1) through (4).	Not Applicable	The Kaltura LMS Integration does not use touchscreens or touch-operated controls.
(c) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not Applicable	The Kaltura LMS Integration does not use biometric identification.
(d) Where provided, at least one of each type of expansion slots, ports and connectors shall comply with publicly available industry standards	Not Applicable	The Kaltura LMS Integration is not a hardware device.

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**Section 1194.31 Functional Performance Criteria**

<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
(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	Screen readers are supported throughout the Kaltura LMS Integration.
(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	Text can be resized in the browser or by a client-side style sheet. Screen magnification tools are also supported.
(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	User hearing is not required to use the Kaltura LMS Integration, as no user interface information is indicated using audio.  In addition, Kaltura supports closed captioning of videos to support hearing-impaired users. Kaltura supports uploading of caption files in SRT and DFXP format.
(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.	Supports	User hearing is not required to use the Kaltura LMS Integration, as no user interface information is indicated using audio.  In addition, Kaltura supports closed captioning of videos to support hearing-impaired users. Kaltura supports uploading of caption files in SRT and DFXP format.
(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	User speech is not necessary to use the Kaltura LMS Integration.
(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 with Exceptions	A mouse and/or keyboard are required to effectively use the Kaltura LMS Integration. Kaltura respects OS level settings which allow systems to accommodate issues with fine motor skills.

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**Section 1194.41 Information, documentation, and support**

<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.	Supports	Can accommodate, depending upon specific formats required. Can readily provide web, print, mobile versions of 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.	Supports	Users are welcome to all documentation regarding Kaltura's accessibility. As mentioned above, we can accommodate other requests depending upon the required format.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	Phone, email, and web-based support options are available. These support methods will accommodate the communication needs of end-users with disabilities.

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