

Keystone Systems

Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT[®] Version 2.5)

Name of Product/Version: Keystone Library Automation System

Report Date: October 2024

Product Description: Library Management System supporting cataloging, patron management, circulation, and order fulfillment functions.

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Notes: For the purposes of this document

Web refers to the On-Line Public Access Catalog and WebOrdering functions.

Electronic Documents refer to the On-line help, and how-to documentation.

Software refers to the staff functions within the Windows based application.

Authoring Tool is used to refer to functions and configuration settings within the staff administrative functions that allow the library to customize output of the on-line catalog.

Evaluation Methods Used:

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (Partial)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can only be used in WCAG Level AAA criteria.

WCAG 2.0 Report

Tables 1 and 2 also document conformance with Revised Section 508:

- Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 – 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.1.1 Non-text Content</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Partially Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Partially Supports</p>	<p>Web: Non-text elements have tool tips and short text descriptors.</p> <p>Electronic Docs: Screen shots are used extensively to illustrate how-tos. Effort is made to support multi-modal information processing with the accompanying text but there is not a specific alternate text description provided for all screen captures. Alternate documents with extensive description of screen layouts and keyboard navigation are provided for the primary windows for non-visual users.</p> <p>Software: Non-text elements have tool tips and short text descriptors.</p> <p>Authoring Tool: Configuration options to insert headers, custom messages allow for the insertion of alternate text but do not enforce these elements.</p>
<p><u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: N/A</p> <p>Electronic Docs: N/A</p> <p>Software: N/A</p> <p>Authoring Tool: N/A</p>	<p>Web: The KLAS WebOPAC does not include pre-recorded elements.</p> <p>Electronic Docs: Pre-recorded media is only provided as an additional element to primary documentation.</p> <p>Software: KLAS staff functions do not use pre-recorded elements. Pre-recorded messages on the SCRIBE duplication workstation are provided as alternate content to the visual (light tree) and text (web monitor) elements.</p> <p>Authoring Tool: Configuration options to insert headers, custom messages allow for the insertion of audio and video elements but do not enforce these elements.</p>
<p><u>1.2.2 Captions (Prerecorded)</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: N/A</p> <p>Electronic Docs: Supports</p> <p>Software: N/A</p> <p>Authoring Tool: N/A</p>	<p>Web: The KLAS WebOPAC does not include pre-recorded elements.</p> <p>Electronic Docs: Video sessions are recorded with open captioning.</p> <p>Software: KLAS staff functions do not use pre-recorded elements.</p> <p>Authoring Tool: Configuration options to insert headers, custom messages allow for the insertion of audio and video elements but do not enforce these elements.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: N/A</p> <p>Electronic Docs: Partially Supports</p> <p>Software: N/A</p> <p>Authoring Tool: N/A</p>	<p>Web: The KLAS WebOPAC does not include pre-recorded elements.</p> <p>Electronic Docs: Video sessions with non-visual audience members are recorded with description provided in the primary track - or text based how-tos are provided to accompany the recorded training sessions.</p> <p>Software: KLAS staff functions do not use pre-recorded elements.</p> <p>Authoring Tool: Configuration options to insert headers, custom messages allow for the insertion of audio and video elements but do not enforce these elements.</p>
<p><u>1.3.1 Info and Relationships</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Partially Supports</p>	<p>Web: Regions and Elements are labeled to ensure appropriate association of text labels with their elements. Headings and list formatting are used semantically. Tables use header and caption elements.</p> <p>Electronic Docs: User documentation utilizes a heading based document structure to provide semantic structure within a document. Images are placed in-line or with appropriate anchor locations in relationship to the text that they are illustrating.</p> <p>Software: KLAS staff functions utilize AIRA elements to associate labels with data fields.</p> <p>Authoring Tool: Configuration options to insert headers, custom messages are provided with templates that are consistent with the structure and relationships of the rest of the page but do not enforce these elements.</p>
<p><u>1.3.2 Meaningful Sequence</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: The WebOpac utilizes a hierarchical structure in the Document Object model to reinforce relationships between regions and elements within the page.</p> <p>Electronic Docs: User documentation uses a hierarchical outline structure that allows for a logical reading order to be determined. Images are placed in-line or with appropriate anchor locations in relationship to the text that they are illustrating.</p> <p>Software: Data elements within a window are presented with a meaningful tab order.</p> <p>Authoring Tool: Configuration options to insert headers, custom messages allow for the library to select and specify order and insertion points for custom elements to maintain a meaningful sequence.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.3.3 Sensory Characteristics</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: Formatting of most elements in KLAS WebOPAC are controlled by library customized style sheets - as such, any embedded instructions in the product do not rely on sensory characteristics but are label and relationship driven.</p> <p>Electronic Docs: User documentation seeks to support multi-modal operations and may offer both a visual representation such as an arrow pointing to a button as well as a text based description of the button, and a keyboard shortcut option for activating the button.</p> <p>Software: Size, shape, color, location of elements within the staff functions of KLAS may be used to emphasize an element, but actual identification of elements are label and relationship driven.</p> <p>Authoring Tool: Configuration options to insert headers, custom messages are provided with templates that are consistent with the structure and relationships of the rest of the page but do not enforce these elements.</p>
<p><u>1.4.1 Use of Color</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: Formatting of most elements in KLAS WebOPAC are controlled by library customized style sheets - use of color is generally dictated by the library and is selected to enhance existing labels and hierarchies.</p> <p>Electronic Docs: Use of color within KLAS user documentation is selected as an enhancement to calling out particular elements, but such callouts are not limited to just color changes. Further callouts utilize character and paragraph styling such that they can be changed as a group if necessary.</p> <p>Software: Most KLAS staff functions utilize the widows element color schemes to allow for user selection of color and contrast. A limited number of screens may use a background color change to call attention to a particular data element, but the color change itself is dependent on the presence/lack of data in the element, and alternate methods of monitoring/applying focus to those fields are provided for non-visual users. The light tree on the SCRIBE duplication workstation utilizes color as a primary form of communication - Pre-recorded messages and text (web monitor) are provided as alternate content elements.</p> <p>Authoring Tool: Configuration options for the style sheet color are provided with templates that select for and maintain good contrast but do not enforce these elements.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.4.2 Audio Control</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Web: N/A</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: KLAS WebOpac does not use embedded sounds other than standard calls for system sounds.</p> <p>Electronic Docs: Recordings in the user documentation require user activation for play back and have the ability to pause.</p> <p>Software: KLAS staff functions do not use embedded sounds other than standard calls for system sounds such as error or alerts. Pre-recorded messages on the SCRIBE Duplication workstation are selected for content relevance and can be configured per workstation/user need.</p> <p>Authoring Tool: Configuration options for embedded audio playback are technically possible but not encouraged. If a library wanted to incorporate such an element, would expect to find a solution that allowed for appropriate audio controls.</p>
<p><u>2.1.1 Keyboard</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: N/A</p>	<p>Web: KLAS WebOpac uses standard HTML form controls and links. KLAS WebOpac utilizes standard event triggers to capture both keyboard and other device specific functions.</p> <p>Electronic Docs: KLAS user documentation allowed for scrolling and navigation via keyboard commands.</p> <p>Software: KLAS Staff functions allow for activation via either keyboard shortcut or menu item selection as an alternative to activation with a pointing device. KLAS staff functions allow for a user-definable list of fields on each screen to allow for keyboard based skimming of the most user relevant field/data-elements.</p> <p>Authoring Tool: N/A</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>2.1.2 No Keyboard Trap</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: N/A</p> <p>Software: Supports</p> <p>Authoring Tool: N/A</p>	<p>Web: KLAS WebOpac uses standard HTML form controls and links to avoid non-standard key combinations needed for moving between form elements.</p> <p>Electronic Docs: N/A</p> <p>Software: KLAS staff functions avoid automatic shifts in focus except in workflow specific situations, ex. re-focusing on the first data entry field after a form submission. In such cases moving away from the focused object via Tab is always available.</p> <p>Authoring Tool: N/A</p>
<p><u>2.2.1 Timing Adjustable</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Partially Supports</p> <p>Electronic Docs: N/A</p> <p>Software: Partially Supports</p> <p>Authoring Tool: N/A</p>	<p>Web: Sessions for KLAS WebOpac are not time limited except by library network policy, which generally resets sessions once per day. The system would benefit from implementing an alert to allow a user to extend a session for organizations that have a shorter session limit.</p> <p>Electronic Docs: KLAS documentation does not use elements with any inherent time limits.</p> <p>Software: KLAS staff functions are subject to session idle time limits set by local IT networking policies. A keep alive is implemented to keep a session open while a user is working with the software, but a long idle-time may result in a dropped connection. There are no provisions to alert the user when an idle time limit is approaching.</p> <p>Authoring Tool: N/A</p>
<p><u>2.2.2 Pause, Stop, Hide</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: N/A</p> <p>Electronic Docs: N/A</p> <p>Software: N/A</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: KLAS WebOpac does not use elements that move or scroll automatically.</p> <p>Electronic Docs: KLAS documentation does not use elements that move or scroll.</p> <p>Software: KLAS staff functions do not use elements that move or scroll automatically.</p> <p>Authoring Tool: Configuration options for embedded elements that move or scroll are possible. If a library wanted to incorporate such an element, would expect to find a solution that allowed for appropriate pause/hidden controls.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>2.3.1 Three Flashes or Below Threshold</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web:</p> <p>Electronic Docs:</p> <p>Software:</p> <p>Authoring Tool:</p>	<p>Web: KLAS WebOpac does not use flashing elements.</p> <p>Electronic Docs: KLAS documentation does not use flashing elements.</p> <p>Software: KLAS staff functions do not use flashing elements. The light tree on the SCRIBE duplication workstation will blink at a rate no faster than one flash per second when encountering a condition (such as a lost network connection) that will prevent operation and requires user intervention through the web monitor.</p> <p>Authoring Tool: Configuration options for embedded elements that flash are technically possible but not encouraged. If a library wanted to incorporate such an element, would expect to find a solution that allowed for appropriate threshold guidelines.</p>
<p><u>2.4.1 Bypass Blocks</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	<p>Web:</p> <p>Electronic Docs:</p> <p>Authoring Tool:</p>	<p>Web: KLAS WebOPAC utilizes a number of structural elements such as landmarks and heading elements to allow easier navigation between regions of a page.</p> <p>Electronic Docs: KLAS documentation uses an outline document structure to allow easier navigation between sections of a document.</p> <p>Authoring Tool: Configuration options for embedded elements are provided with templates that work with the established document structure of WebOpac to maintain easy navigation within the document, but do not enforce these elements.</p>
<p><u>2.4.2 Page Titled</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web:</p> <p>Electronic Docs:</p> <p>Software:</p> <p>Authoring Tool:</p>	<p>Web: Page title is set as a combination of a content appropriate value (ex. Search Results) and a short organization name selected by the library.</p> <p>Electronic Docs: Documents are appropriately titled and utilize running headers to provide context and reference to purpose.</p> <p>Software: Windows within the KLAS Staff functions are appropriately titled as to the purpose/functionality of the window such that the user should be able to find the desired window when switching via the task bar or Alt+Tab.</p> <p>Authoring Tool: KLAS WebOpac configuration allows the library to specify a short form of the organization name to be appended to the page title for context and branding.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>2.4.3 Focus Order</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web:</p> <p>Electronic Docs:</p> <p>Software:</p> <p>Authoring Tool:</p>	<p>Web: KLAS WebOpac uses the Document Object model to establish and maintain sequence and logic in the focus order of the page. For items that are shown/hidden dynamically, this is accomplished by manipulation of the DOM to maintain focus order/position within the page.</p> <p>Electronic Docs: KLAS documentation uses an outline document structure to maintain focus order and ensures that call out elements are placed with content appropriate anchors to maintain focus order for elements that are not in-line with the text.</p> <p>Software: Attention is paid to Tab order for each screen within the KLAS Staff functions to ensure a logical focus order.</p> <p>Authoring Tool: Configuration options to insert headers, custom messages allow for the library to select and specify order and insertion point for custom elements to maintain a meaningful sequence.</p>
<p><u>2.4.4 Link Purpose (In Context)</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web:</p> <p>Electronic Docs:</p> <p>Software:</p> <p>Authoring Tool:</p>	<p>Web: Link Anchors either use the link text to express the criteria and context of the link, or the link title if an image anchor is used to reduce visual clutter.</p> <p>Links are generally placed within list elements, enclosing paragraphs, or associated table cell to provide appropriate context.</p> <p>Ex. a link to refine a search to only “x media format” uses the text “x media” in the context of a list item under the heading “Refine Search” and is followed by a count of the number of titles matching that criteria and an image link with the title “Exclude x media”.</p> <p>Electronic Docs: Links are used in Tables of Contents and in-line cross references for improved navigation within document sections, and are composed of the heading value or appropriate text from the enclosing paragraph.</p> <p>Software: KLAS Staff functions generally use buttons or other windows elements instead of links, but use either button text or tool tip text to provide context.</p> <p>Authoring Tool: Configuration options for embedded elements are provided with templates to encourage appropriate link context, but are not enforced.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>3.1.1 Language of Page</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Partially Supports</p> <p>Software: N/A</p> <p>Authoring Tool: N/A</p>	<p>Web: Page language is set in the HTML Header.</p> <p>Electronic Docs: HTML based documents published in the knowledge base contain language element in the HTML header. Documents published in Word and PDF do not generally have meta-data for language.</p> <p>Software: KLAS staff functions associate an interface language with a user login record; currently the only active language localization is English.</p> <p>Authoring Tool: N/A</p>
<p><u>3.2.1 On Focus</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Partially Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: Input controls and links generally require the user to activate the control before action is applied.</p> <p>Some links (Download title from BARD) open a new browser window or tab to indicate departure from the library site - This could be handled more gracefully.</p> <p>Electronic Docs: Links generally require the user to activate the control before action is applied.</p> <p>Software: Input controls generally require the user to activate the control before action is applied.</p> <p>Authoring Tool: Configuration options for styling and embedded elements are provided with templates to encourage appropriate link behavior, but are not enforced.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>3.2.2 On Input</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Partially Supports</p> <p>Electronic Docs: N/A</p> <p>Software: Supports</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: If appropriate, a selection in a form field may result in adjustments to form fields further down the tab order (ex. limiting a selection list based on value selected in combo-box), but will not change the focused element of the user. Forms generally use a submit or other action specific button to activate a change.</p> <p>Electronic Docs: KLAS User Documentation does not generally use input controls and submit-forms.</p> <p>Software: Some controls open new windows or shift focus on activation, ex. double-click on a row in a data table to open the selected record in its native window. These are generally considered to be content appropriate context changes.</p> <p>Authoring Tool: Configuration options for styling and embedded elements are provided with templates to encourage appropriate link behavior, but are not enforced.</p>
<p><u>3.3.1 Error Identification</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: N/A</p> <p>Software: Partially Supports</p> <p>Authoring Tool: N/A</p>	<p>Web: When a form submission is rejected due to errors - the fields with errors are highlighted and a text description of the error is provided. In the book basket (shopping cart) if a potential error condition is identified it is noted with severity level prior to check-out.</p> <p>Electronic Docs: N/A</p> <p>Software: When a save is rejected due to errors the name of the field is given in the error message, but no field highlighting or positioning is done to ease location of the errors.</p> <p>Authoring Tool: N/A</p>
<p><u>3.3.2 Labels or Instructions</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: N/A</p> <p>Software: Partially Supports</p> <p>Authoring Tool: N/A</p>	<p>Web: All form inputs are labeled, and labels are associated with the input via the label for element. If additional instructions for a form are determined necessary, they are placed as text at the beginning of the form.</p> <p>Electronic Docs: N/A</p> <p>Software: Fields are labeled and associated with appropriate inputs. Tool tips and additional instructions are minimal.</p> <p>Authoring Tool: N/A</p>

Criteria	Conformance Level	Remarks and Explanations
<p>4.1.1 Parsing (Level A)</p> <p>Also applies to:</p> <p>WCAG 2.0 – Always answer ‘Supports’</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	<p>For WCAG 2.0 and the 508 standards, the September 2023 errata update indicates this criterion is always Supports. See the WCAG 2.0 Editorial Errata.</p>
<p>4.1.2 Name, Role, Value (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: N/A</p> <p>Software: Supports</p> <p>Authoring Tool: N/A</p>	<p>Web: User interface components utilize a combination of the id, name, value, and class elements so that they can be appropriately referenced in context for CSS formatting and other programmatic uses of user agents.</p> <p>Electronic Docs: N/A</p> <p>Software: UI Controls in the KLAS Staff functions are labeled for Name, Role, and Value.</p> <p>Authoring Tool: N/A</p>

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.2.4 Captions (Live)</u> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: N/A</p> <p>Electronic Docs: Supports</p> <p>Software: N/A</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: The KLAS WebOpac does not include live audio elements.</p> <p>Electronic Docs: Video training sessions are recorded with open captioning.</p> <p>Software: KLAS staff functions do not use live audio elements.</p> <p>Authoring Tool: Configuration options to insert headers, custom messages allow for the insertion of audio and video elements but do not enforce these elements.</p>
<p><u>1.2.5 Audio Description (Prerecorded)</u> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: N/A</p> <p>Electronic Docs: Partially Supports</p> <p>Software: N/A</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: The KLAS WebOpac does not include pre-recorded video elements.</p> <p>Electronic Docs: Video training sessions with non-visual audience members are recorded with description provided in the primary track.</p> <p>Software: KLAS staff functions do not use pre-recorded video elements.</p> <p>Authoring Tool: Configuration options to insert headers, custom messages allow for the insertion of audio and video elements but do not enforce these elements.</p>
<p><u>1.4.3 Contrast (Minimum)</u> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: Formatting of most elements in KLAS WebOPAC are controlled by library customized style sheets - templates are provided to encourage selection of appropriate levels of contrast.</p> <p>Electronic Docs: Formatting of elements in KLAS User documentation is controlled with styles that are selected for contrast and readability, and can be adjusted by the end user as global changes if needed.</p> <p>Software: KLAS staff functions utilize the widows element color schemes to allow for user selection of color and contrast.</p> <p>Authoring Tool: Configuration options for styling are provided with templates to encourage appropriate levels of contrast, but are not enforced.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.4.4 Resize text</u> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: Formatting of KLAS WebOPAC utilizes style sheets and styling that is screen size aware to allow for dynamic resizing of the text.</p> <p>Electronic Docs: KLAS Software documentation utilizes document wide character styling to allow for resizing - re-flowing of content.</p> <p>Software: Different Font and FontSizes can be selected for the KLAS Staff functions via configuration file changes - a restart of the software is required to apply the changes.</p> <p>Authoring Tool: Configuration options for styling are provided with templates to encourage resize-ability, but are not enforced.</p>
<p><u>1.4.5 Images of Text</u> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Formatting of KLAS WebOPAC utilizes style sheets in a way that prefers using text styling or images with accompanying text to create visual elements such as menus and buttons. Generally the only use of Images of Text are organizational Logotypes which are provided with alternate text.</p> <p>Electronic Docs: KLAS Software documentation prefers using character styling for visual presentation of text.</p> <p>Software: KLAS staff functions utilize labeled widows UI elements instead of images of text.</p> <p>Authoring Tool: Configuration options for embedded elements are provided with templates to encourage appropriate use of images (such as LogoTypes) with adequate labeling, but are not enforced.</p>
<p><u>2.4.5 Multiple Ways</u> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Authoring Tool: Supports</p>	<p>Web: Pages in KLAS WebOpac are generally accessed from a variety of menu options or through flow based links embedded in the page. Ex. Search results may be accessed via submission of a search form or via embedded search links in library defined messages.</p> <p>Electronic Docs: KLAS Software documentation utilizes tables of contents, search functions, and lists of documents to allow for finding materials.</p> <p>Authoring Tool: Configuration options to insert headers and custom messages that allow for the insertion of embedded links to provide alternate ways to search for commonly asked for materials is provided and encouraged.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>2.4.6 Headings and Labels (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: The WebOpac utilizes a hierarchical structure of headings to provide a logical structure to the page, and relies heavily on labels to provide context and relationship of elements.</p> <p>Electronic Docs: User documentation uses an hierarchical outline structure with meaningful headings to allow for a logical reading order and easier navigability.</p> <p>Software: When UI elements are grouped together, a meaningful heading is used to identify the region.</p> <p>Authoring Tool: Configuration options for embedded elements are provided with templates to encourage appropriate use of headers and labeling, but are not enforced.</p>
<p>2.4.7 Focus Visible (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Supports</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: Default formatting of KLAS WebOPAC utilizes style sheets that take advantage of user agent focus highlighting.</p> <p>Electronic Docs: KLAS Software documentation depends on user agent focus indication and does not do anything to alter default behavior.</p> <p>Software: KLAS staff functions utilize windows standard focus indicators. For UI elements such as data tables where focus is more complex, additional focus information may be published to a status line for additional context.</p> <p>Authoring Tool: Configuration options for embedded elements are provided with templates to encourage appropriate use of images (such as LogoTypes) with adequate labeling, but are not enforced.</p>
<p>3.1.2 Language of Parts (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Does not support</p> <p>Electronic Docs: Not Evaluated</p> <p>Software: Not Evaluated</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: Changes in Language internal to the page, especially in the context of foreign language titles and catalog information embedded in search results, are not flagged.</p> <p>Electronic Docs: User documentation is currently only provided in English.</p> <p>Software: Specific UI Elements can be designated as untranslatable or can have alternate translations applied. Currently the only UI localization implemented is English.</p> <p>Authoring Tool: N/A</p>
<p>3.2.3 Consistent Navigation (Level AA)</p>	<p>Web: Supports</p>	<p>Web: Pages within KLAS WebOpac utilize a consistent basic structure to the page.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	<p>Electronic Docs: Supports</p> <p>Authoring Tool: Not Evaluated</p>	<p>Electronic Docs: Individual documents may have varying primary structural elements based on purpose and intent, but should be consistent within a given type of document, ex. how-to vs keyboard shortcut reference sheet.</p> <p>Authoring Tool: Configuration options to insert headers, custom messages allow for the library to select and specify order and insertion point for custom elements to maintain a meaningful sequence.</p>
<p><u>3.2.4 Consistent Identification</u> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	<p>Web: Supports</p> <p>Electronic Docs: N/A</p> <p>Authoring Tool: Not Evaluated</p>	<p>Web: Labels for links are generated in a programmatic manner to allow for consistency while retaining semantic relevance.</p> <p>Electronic Docs: N/A</p> <p>Authoring Tool: Configuration options for embedded elements are provided with templates to encourage appropriate use of labeling, but are not enforced.</p>
<p><u>3.3.3 Error Suggestion</u> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Partially Supports</p> <p>Electronic Docs: N/A</p> <p>Software: Partially Supports</p> <p>Authoring Tool: N/A</p>	<p>Web: In the book basket (shopping cart) if a potential error condition is identified it is noted with severity level, if a suitable alternative may be available a link to search for such items is provided. Ex. title is in a format that the patron is not subscribed to, a search link for all available formats of the title.</p> <p>Electronic Docs: N/A</p> <p>Software: Done where error input can be reviewed, ex. Address validation.</p> <p>Authoring Tool: N/A</p>
<p><u>3.3.4 Error Prevention (Legal, Financial, Data)</u> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: N/A</p> <p>Software: Supports</p> <p>Authoring Tool: N/A</p>	<p>Web: Where data input validation is needed, input is checked on form submission and confirmed/corrections requested. Data input submissions are either reversible or are sent to a staff user for review (ex. depending on library policy address changes may go to a staff member for review instead of automatically applying).</p> <p>Electronic Docs: N/A</p> <p>Software: Where data input validation is needed, input is checked on form submission and confirmed/corrections requested. Staff functions make</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>extensive use of combo-boxes and selection lists to provide data appropriate choices where consistency of input is important.</p> <p>Authoring Tool: N/A</p>

Notes:

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
<u>1.2.6 Sign Language (Prerecorded)</u> (Level AAA) Revised Section 508 – Does not apply	Web: Not Evaluated	Web: By default, KLAS WebOPAC does not include pre-recorded video elements. Any video elements inserted by the library as part of library specific configuration would need to be individually evaluated.
<u>1.2.7 Extended Audio Description (Prerecorded)</u> (Level AAA) Revised Section 508 – Does not apply	Web: Not Evaluated	Web: By default, KLAS WebOPAC does not include pre-recorded video elements. Any video elements inserted by the library as part of library specific configuration would need to be individually evaluated.
<u>1.2.8 Media Alternative (Prerecorded)</u> (Level AAA) Revised Section 508 – Does not apply	Web: Not Evaluated	Web: By default, KLAS WebOPAC does not include pre-recorded video elements. Any video elements inserted by the library as part of library specific configuration would need to be individually evaluated.
<u>1.2.9 Audio-only (Live)</u> (Level AAA) Revised Section 508 – Does not apply	Web: Not Evaluated	Web: By default, KLAS WebOPAC does not include live audio elements. Any video elements inserted by the library as part of library specific configuration would need to be individually evaluated.
<u>1.4.6 Contrast (Enhanced)</u> (Level AAA) Revised Section 508 – Does not apply	Web: Not Evaluated	Web: Formatting of most elements in KLAS WebOPAC are controlled by library customized style sheets. Actual levels of contrast would need to be evaluated for a particular library site implementation.
<u>1.4.7 Low or No Background Audio</u> (Level AAA) Revised Section 508 – Does not apply	Web: Not Evaluated	Web: By default, KLAS WebOPAC does not include background audio elements. Any audio elements inserted by the library as part of library specific configuration would need to be individually evaluated.
<u>1.4.8 Visual Presentation</u> (Level AAA) Revised Section 508 – Does not apply	Web: Not Evaluated	Web: Formatting of most elements in KLAS WebOPAC are controlled by library customized style sheets. Actual text block sizing and formatting would need to be evaluated for a particular library site implementation.
<u>1.4.9 Images of Text (No Exception)</u> (Level AAA) Revised Section 508 – Does not apply	Web: Not Evaluated	Web: By default, the only images of text that are used in KLAS WebOPAC are library logos. Any image elements inserted by the library as part of library specific configuration would need to be individually evaluated.
<u>2.1.3 Keyboard (No Exception)</u> (Level AAA) Revised Section 508 – Does not apply	Web: Supports	Web: All functions in KLAS WebOpac should be accessible via keyboard input - there are no known path dependent input scenarios.
<u>2.2.3 No Timing</u> (Level AAA) Revised Section 508 – Does not apply	Web: Partially Supports	Web: There are no inherent time limits to the activities in KLAS WebOpac - only network connectivity settings for session inactivity discussed in §2.2.1.

Criteria	Conformance Level	Remarks and Explanations
2.2.4 Interruptions (Level AAA) Revised Section 508 – Does not apply	Web: Supports	Web: Klas WebOpac does not push alerts and messages except on reload of page.
2.2.5 Re-authenticating (Level AAA) Revised Section 508 – Does not apply	Web: Does not Support	Web: Book Basket contents are not saved between sessions - if a new session is initiated, the user will need to start over.
2.3.2 Three Flashes (Level AAA) Revised Section 508 – Does not apply	Web: Not Evaluated	Web: By default, KLAS WebOPAC does not include flashing elements. Any flashing elements inserted by the library as part of library specific configuration would need to be individually evaluated.
2.4.8 Location (Level AAA) Revised Section 508 – Does not apply	Web: Supports	Web: KLAS WebOPAC utilizes “Bread crumb” links within the search results to illustrate what options and limits have been applied and allow access to “un-apply” a given search criteria.
2.4.9 Link Purpose (Link Only) (Level AAA) Revised Section 508 – Does not apply	Web: Supports	Web: By default, “click-here” links are avoided and links in KLAS WebOPAC should have a discernible purpose based on text and context. Any link elements inserted by the library as part of library specific configuration would need to be individually evaluated.
2.4.10 Section Headings (Level AAA) Revised Section 508 – Does not apply	Web: Supports	Web: The WebOpac utilizes a hierarchical structure of headings to provide a logical structure to the page including section headings with schematic relevance.
3.1.3 Unusual Words (Level AAA) Revised Section 508 – Does not apply	Web: Does not support	Web: KLAS WebOpac does not have any inherent mechanism for identifying specific definitions of words or phrases used in an unusual or restricted way.
3.1.4 Abbreviations (Level AAA) Revised Section 508 – Does not apply	Web: Does not support	Web: KLAS WebOpac does not have any inherent mechanism for expanding abbreviations.
3.1.5 Reading Level (Level AAA) Revised Section 508 – Does not apply	Web: Does not support	Web: KLAS WebOpac does not have any inherent mechanism for adjusting reading level.
3.1.6 Pronunciation (Level AAA) Revised Section 508 – Does not apply	Web: Does not support	Web: KLAS WebOpac does not have any inherent mechanism for providing pronunciation guides.
3.2.5 Change on Request (Level AAA) Revised Section 508 – Does not apply	Web: Does not support	Web: KLAS WebOpac does not have an inherent mechanism for directing the change of context when links need to open in a different window or tab.

Criteria	Conformance Level	Remarks and Explanations
3.3.5 Help (Level AAA) Revised Section 508 – Does not apply	Web: Supports	Web: Help links are available, and text is configurable by the library. Library can insert additional text instructions for forms that need additional context.
3.3.6 Error Prevention (All) (Level AAA) Revised Section 508 – Does not apply	Web: Partially Supports	Web: Where data input validation is needed, input is checked on form submission and confirmed/corrections requested. Data input submissions are either reversible or are sent to a staff user for review. Contact-us links are provided in the library configurable sections.

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Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Notes: This evaluation is in relation to the KLAS WebOpac and KLAS Staff Functions.

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	<p>KLAS WebOpac supports users agents using screen readers with standard web controls.</p> <p>KLAS staff functions benefit from an application of custom screen reader configuration files to improve screen reader awareness of support messaging for additional context clues, and definition of windows classes for data table visualization.</p>
302.2 With Limited Vision	Supports	<p>KLAS WebOpac supports users using basic user agent enlargement through screen size responsive formatting and allowing users to override formatting choices while retaining semantic relationships and hierarchies. Specific Library implementations should be reviewed for color contrast and formatting.</p> <p>KLAS staff functions allow for user customization to support larger font sizes and respect windows color selections. In addition, if the screen enlargement software, custom configuration files will improve AT software awareness of support messaging for additional context clues.</p>
302.3 Without Perception of Color	Supports	Where color is used for emphasis or highlighting
302.4 Without Hearing	Supports	Hearing is not required for interacting with KLAS.
302.5 With Limited Hearing	Supports	Hearing is not required for interacting with KLAS.
302.6 Without Speech	Supports	Speech is not required for interacting with KLAS.
302.7 With Limited Manipulation	Supports	Input controls that require simultaneous key presses are responsive to sticky key functionality provided in user agents.
302.8 With Limited Reach and Strength	Supports	All input can be done via keyboard.
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially Supports	KLAS does not have any inherent mechanism for dynamically adjusting reading level, providing definitions, or expanding abbreviations.

Chapter 6: [Support Documentation and Services](#)

Notes: This evaluation is in relation to the KLAS User Documentation.

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	
602.3 Electronic Support Documentation	See WCAG 2.x section	See information in WCAG 2.x section
602.4 Alternate Formats for Non-Electronic Support Documentation	N/A	All documents available in electronic format.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	Have documents available for non-visual description of screen layout and keyboard access.
603.3 Accommodation of Communication Needs	Supports	Documents can be reformatted and provided in larger print and or formatted for Braille output as requested.

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