

Atlas Systems Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: Aeon 5.1

Report Date: August 25, 2022

Product Description: Aeon is automated request and workflow management software specifically designed for special collections libraries and archives.

Contact Information: support@atlas-sys.com

Notes: This report is an update to the previous June 9, 2021 report for Aeon 5.1. It has been updated to incorporate the new WCAG format and was evaluated against version 5.1.29 of the web pages.

Evaluation Methods Used: automated WCAG accessibility validators (WAVE browser plugin), screen readers (NVDA, VoiceOver), contrast ratio calculators from WebAIM, keyboard

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 (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)

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 be used only in WCAG 2.0 Level AAA.

WCAG 2.x Report

Note: When reporting on conformance with the WCAG 2.x 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
1.1.1 Non-text Content (Level A)	Supports	Aeon provides text alternatives for non-text content that is not purely decorative in nature.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	Aeon does not use pre-recorded audio or pre-recorded video media.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	Aeon does not use pre-recorded audio or pre-recorded video media.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	Aeon does not use pre-recorded audio or pre-recorded video media.
1.3.1 Info and Relationships (Level A)	Partially Supports	Calendar functionality for appointment scheduling features do not use correct table mark-up. Web Alerts feature is missing programmatically linked label for modal dialog.
1.3.2 Meaningful Sequence (Level A)	Supports	Aeon provides logical reading sequences for content.
1.3.3 Sensory Characteristics (Level A)	Supports	In Aeon, instructions for operating content do not solely rely on sensory characteristics.
1.4.1 Use of Color (Level A)	Supports	Aeon does not use color as the only visual means of conveying information.
1.4.2 Audio Control (Level A)	Not Applicable	Aeon does not use automatic audio media.

Criteria	Conformance Level	Remarks and Explanations
2.1.1 Keyboard (Level A)	Supports	Aeon enables keyboard-only use to operate the web interface.
2.1.2 No Keyboard Trap (Level A)	Supports	Aeon does not trap keyboard focus.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Supports	Aeon satisfies character key restraints.
2.2.1 Timing Adjustable (Level A)	Not Applicable	Aeon does not use time limits.
2.2.2 Pause, Stop, Hide (Level A)	Supports	Aeon satisfies these constraints.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	Aeon user interfaces do not flicker.
2.4.1 Bypass Blocks (Level A)	Supports	Aeon has multiple mechanisms to skip blocks of content, including a skip to main content link and ARIA landmarks. The skip link is hidden until focused via keyboard. Organizations can customize this behavior if desired.
2.4.2 Page Titled (Level A)	Supports	Aeon web pages use descriptive page titles to describe topic or purpose.
2.4.3 Focus Order (Level A)	Supports	Aeon web pages provide a logical focus order.
2.4.4 Link Purpose (In Context) (Level A)	Partially Supports	The Item Title hyperlink in request datarows is rendered with empty text if no item title is provided in the request.
2.5.1 Pointer Gestures (Level A 2.1 only)	Supports	Aeon satisfies pointer gesture constraints.

Criteria	Conformance Level	Remarks and Explanations
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	Aeon satisfies pointer cancellation constraints.
2.5.3 Label in Name (Level A 2.1 only)	Partially Supports	<p>Not all components with a visual label have a programmatically associated accessible name (Web Alert modal dialog).</p> <p>For all other components containing visual label text, the text is included in the accessible name.</p>
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	Aeon does not have functionality operated by device motion or user motion.
3.1.1 Language of Page (Level A)	Supports	Aeon webpages specify a default value for the lang attribute on the html element.
3.2.1 On Focus (Level A)	Supports	In Aeon, changing or moving focus does not initiate a change in context.
3.2.2 On Input (Level A)	Supports	In Aeon, changing the setting of user interface components does not automatically cause a change of context.
3.3.1 Error Identification (Level A)	Supports	<p>Aeon by default utilizes both server-side validation and client-side HTML5 based validation, with each providing separate input error behavior.</p> <p>Default error messages provided by the Aeon server provide descriptive feedback which includes item in error and error description, but specific message content is customizable by the organization. For form</p>

Criteria	Conformance Level	Remarks and Explanations
		fields with HTML5 based validation present in the web pages, error message content is first provided by the browser and then if the field still fails server validation, the server message is shown.
3.3.2 Labels or Instructions (Level A)	Partially Supports	Content that requires user input has corresponding labels. Form fields with instructions use programmatically linked instruction text. Exceptions: Datepicker calendar widget for scheduling dates uses keyboard shortcuts which may be non-standard and no instructions are provided for these shortcuts.
4.1.1 Parsing (Level A)	Supports	Aeon follows HTML5 coding practices.
4.1.2 Name, Role, Value (Level A)	Partially Supports	Web Alerts feature is missing programmatically linked label for modal dialog. The Item Title hyperlink in request datarows is rendered with empty text if no item title is provided in the request.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	Aeon does not use live audio content in synchronized media.

Criteria	Conformance Level	Remarks and Explanations
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	Aeon does not use prerecorded video content in synchronized media.
1.3.4 Orientation (Level AA 2.1 only)	Supports	Aeon can be viewed and operated in multiple display orientations, including portrait and landscape mode.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	In Aeon, the form field labels identify each field's purpose.
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	The cookie notification banner does not include a hyperlink by default, but if one were added, the default color would not pass 4.5:1 contrast with the banner background.
1.4.4 Resize text (Level AA)	Supports	Web content, including text elements, can be resized via user agent zoom functionality and Aeon does not inhibit this functionality. Aeon also supports responsive layouts for different screen sizes and when zoom is adjusted.
1.4.5 Images of Text (Level AA)	Supports	Aeon minimizes use of images of text except for the brand logo.
1.4.10 Reflow (Level AA 2.1 only)	Supports	Aeon uses responsive layout behavior which prevents loss of functionality and does not require scrolling in two dimensions at zoom/width levels specified in the criteria.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	Aeon default colors for user interface components and graphical objects required to understand the

Criteria	Conformance Level	Remarks and Explanations
		content have 3:1 contrast ratio.
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	Aeon satisfies text spacing constraints.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	Aeon satisfies hover and focus constraints. When tooltips are used, they are the default browser provided tooltips.
2.4.5 Multiple Ways (Level AA)	Supports	Aeon provides multiple means to navigate to different web pages, including by navigation bar links, and a site map.
2.4.6 Headings and Labels (Level AA)	Supports	Headings and labels provided in Aeon describe the topic or purpose of their associated content.
2.4.7 Focus Visible (Level AA)	Supports	Aeon uses custom focus indicators for hyperlinks and interactive elements such as form fields and buttons and this custom focus indicator has 3:1 contrast with Aeon default web page backgrounds.
3.1.2 Language of Parts (Level AA)	Supports	In Aeon, default text content uses the default human language of the web page as specified in the lang attribute of the html element on each rendered web page.
3.2.3 Consistent Navigation (Level AA)	Supports	In Aeon, the navigation bar and footer site map link are each present in their respective relative order throughout the website.
3.2.4 Consistent Identification (Level AA)	Supports	Aeon uses specific labels and icons consistently

Criteria	Conformance Level	Remarks and Explanations
		throughout the web pages to identify functional components that appear repeatedly.
3.3.3 Error Suggestion (Level AA)	Supports	Default error messages provided by the Aeon server provide descriptive feedback, but specific message content is customizable by the organization. For form fields with HTML5 based validation present in the web pages, messaging is first provided by the browser and then if the field still fails server validation, the server message is shown.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	Aeon satisfies error prevention constraints.
4.1.3 Status Messages (Level AA 2.1 only)	Supports	Aeon uses ARIA roles/live regions for status messages.

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG

Criteria	Conformance Level	Remarks and Explanations
		AAA standard.
1.2.9 Audio-only (Live) (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
1.3.6 Identify Purpose (Level AAA 2.1 only)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
1.4.6 Contrast (Enhanced) (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
1.4.7 Low or No Background Audio (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
1.4.8 Visual Presentation (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
1.4.9 Images of Text (No Exception) (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.1.3 Keyboard (No Exception) (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.2.3 No Timing (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.2.4 Interruptions (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.2.5 Re-authenticating (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG

Criteria	Conformance Level	Remarks and Explanations
		AAA standard.
2.2.6 Timeouts (Level AAA 2.1 only)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.3.2 Three Flashes (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.3.3 Animation from Interactions (Level AAA 2.1 only)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.4.8 Location (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.4.9 Link Purpose (Link Only) (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.4.10 Section Headings (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.5.5 Target Size (Level AAA 2.1 only)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 only)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
3.1.3 Unusual Words (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
3.1.4 Abbreviations (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG

Criteria	Conformance Level	Remarks and Explanations
		AAA standard.
3.1.5 Reading Level (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
3.1.6 Pronunciation (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
3.2.5 Change on Request (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
3.3.5 Help (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
3.3.6 Error Prevention (All) (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.

Legal Disclaimer (Atlas Systems)

This document is for informational purposes only. Atlas Systems, Inc. makes no warranties, express or implied, in this document.

© 2022 Atlas Systems, Inc. All rights reserved. Aeon and the Aeon logo are registered trademarks of Atlas Systems, Inc. The information contained in this document represents the current view of Atlas Systems, Inc. on the issues discussed as of the date of publication. Because Atlas Systems, Inc. must respond to changing market conditions, it

should not be interpreted to be a commitment on the part of Atlas Systems, Inc. and Atlas Systems, Inc. cannot guarantee the accuracy of any information presented after the date of publication.