Atlas Systems Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5)

Name of Product/Version: Aeon Web Client v6.0

Report Date: March 11, 2024

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

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Notes:

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)

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Standard/Guideline	Included In Report
	Level AA (Yes)
	Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes)
	Level AA (Yes)
	Level AAA (No)
Web Content Accessibility Guidelines 2.2	Level A (No)
	Level AA (No)
	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 only be used in WCAG Level AAA criteria.

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)	Partially Supports	Regarding the Help & Support accordion widget: • The question mark icon on the accordion button is decorative but is not programmatically hidden from screen readers. • The icon in the About Aeon button is decorative but is not programmatically hidden from screen readers. Regarding accordion widgets in general being used: • The arrow icon depicting expanded/collapsed state is decorative due to the use of the aria-expanded attribute but is not programmatically hidden from screen readers. Regarding the appointment scheduler interface (Calendar page): • The icon for the New Appointment button can be considered decorative but is not programmatically hidden from screen readers. Regarding the interactive tables (data grids): • Icons within the available data grid toolbar buttons are decorative but are not programmatically hidden from screen readers. Regarding the Action Menu button located in the main toolbar area at the top of the page, indicated by an ellipsis (…):

Criteria	Conformance Level	Remarks and Explanations
		• The menu options have decorative icons beside the visual text, but these icons are not programmatically hidden from screen readers.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	Aeon does not use prerecorded audio or prerecorded video media.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	Aeon does not use prerecorded audio or prerecorded video media.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	Aeon does not use prerecorded audio or prerecorded video media.
1.3.1 Info and Relationships (Level A)	Partially Supports	Within date picker calendar popups, today's date is indicated by a blue circle, but there is no equivalent indicator of this for screen reader users. Within time picker popups for date-time fields, the currently selected value is not indicated programmatically or by text, even though it is highlighted visually. Regarding the appointment scheduler interfaces (Calendar page and Dashboard agenda view): • Navigating the individual scheduler grid cells with a screen reader provides no useful information in some views like Week and Timeline Day views, even though information exists visually in the column/row headers, which are not indicated programmatically or in text.

Criteria	Conformance Level	Remarks and Explanations
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.
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 and 2.2)	Supports	Aeon satisfies character key restraints.
2.2.1 Timing Adjustable (Level A)	Supports	Aeon satisfies requirements regarding time limits, including providing user options for overriding duration of popup notifications.
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 satisfies these constraints.
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.

Criteria	Conformance Level	Remarks and Explanations
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)	Supports	In Aeon, the purpose of all links included in the web interface can be determined within the requirements of the criterion.
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Supports	Aeon satisfies pointer gesture constraints.
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Supports	Aeon satisfies pointer cancellation constraints.
2.5.3 Label in Name (Level A 2.1 and 2.2)	Partially Supports	Regarding the appointment scheduler interfaces (Calendar page and Dashboard agenda view): • The accessible name of buttons representing individual appointments does not contain all text visible within the button. Regarding the interactive tables (data grids): • Some grid cells have an aria-label that is read instead of the content of the cell, and this aria-label does not always include the visual text of the cell. • Grid columns containing checkboxes have an aria-label applied to the column header cell. In many cases, this will not contain the same visual text of the header cell. On the Administration page, in the Assign Restricted

Criteria	Conformance Level	Remarks and Explanations
		Field Groups section of the Restricted Fields tab: • The checkboxes in the Restricted Field Groups data grid have an aria-label that does not contain the text of the visual labels provided by the column headers and row identifiers.
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Supports	Aeon satisfies these constraints.
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)	Partially Supports	Regarding the Send Email editing dialog: • Pressing Enter to choose an option from the template dropdown also closes the dialog.
3.3.1 Error Identification (Level A)	Supports	In Aeon, invalid input states are communicated via error messages and inline text cues describing correct input format.
3.3.2 Labels or Instructions (Level A)	Supports	In Aeon, content that requires user input has corresponding labels or instructions.

4.1.1 Parsing (Level A)
    WCAG 2.0 and 2.1 – Always answer 'Supports'
    WCAG 2.2 (obsolete and removed) - Does not apply
	Supports	For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata.

Criteria	Conformance Level	Remarks and Explanations
[4.1.2 Name, Role, Value](#) (Level A)	Partially Supports	Regarding the appointment scheduler interfaces (Calendar page and Dashboard agenda view): • The toolbar containing the scheduling controls does not have an accessible name to distinguish it from other toolbars on the page. • The date picker button on the scheduler toolbar (indicated by a date or date range and a dropdown arrow) does not indicate programmatically it opens a popup. • The popup container that opens upon clicking the date picker button on the scheduler toolbar does not indicate its programmatic role. • Within Month view: Multiple appointments on a given day hides some appointments until certain text is clicked to reveal them. The text acts as a button that opens a dialog, but this information is not indicated programmatically. The dialog itself also does not indicate it is a dialog despite it acting like one. Additionally, the appointment entries in this dialog do not announce as buttons despite acting like one (they can open another dialog). Regarding the interactive tables (data grids): • When inline editing a grid row, the inputs do not have an accessible name.

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.
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 and 2.2)	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 and 2.2)	Supports	Aeon satisfies the requirements of the criterion.
1.4.3 Contrast (Minimum) (Level AA)	Supports	In Aeon, text that is not part of the list of exceptions noted in the criterion have a contrast ratio of at least 4.5:1 in both of the two theme options provided to the user.
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.
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 and 2.2)	Partially Supports	Regarding accordion widgets in use generally: • The accordion button text can overlap its arrow icon when the text is long enough and under conditions specified in the criterion.

Criteria	Conformance Level	Remarks and Explanations
		Regarding dialogs in use generally: • Under conditions specified in the criterion, the dialog header can get truncated if long enough and requires horizontal scrolling to reveal the lost text. Regarding the Edit Appointment dialog: • Under conditions specified in the criterion, all content of the dialog is cut off and appears hidden. Regarding the Username field in the New Appointment Dialog: • Under conditions specified in the criterion, in the list of usernames that appear after typing, long text is truncated with an ellipsis with no way to reveal lost text. This includes table headers. Regarding the Reading Room dropdown list field in the appointment scheduler interfaces (Calendar page and Dashboard agenda view): • Under conditions specified in the criterion, options with sufficiently long text get truncated to an ellipsis with no way to reveal the lost text. Regarding the appointment scheduler interfaces (Calendar page and Dashboard agenda view): • Under conditions specified in the criterion, the datepicker calendar that opens from the

Criteria	Conformance Level	Remarks and Explanations
		scheduler toolbar can appear cut off vertically and horizontally.
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Supports	Aeon colors for user interface components and graphical objects required to understand the content have 3:1 contrast ratio in both of the two theme options provided to the user.
1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Partially Supports	Regarding the Reading Room dropdown list field in the appointment scheduler interfaces (Calendar page and Dashboard agenda view): • Under conditions specified in the criterion, options with sufficiently long text get truncated to an ellipsis with no way to reveal the lost text.
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Supports	In Aeon, a combination of default browser tooltips and custom tooltip techniques are used. The custom tooltip techniques satisfy hover and focus constraints.
2.4.5 Multiple Ways (Level AA)	Supports	Aeon provides multiple means to navigate to different web pages, including by navigation bar links and search features.
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)	Partially Supports	When the Edit Appointment dialog opens, keyboard focus is placed onto a tab control. However, while an indicator is present that indicates tab selection, the focus indicator itself is not visible.

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		Under the Administration page Site Groups tab, in the Sites in Group data grid, checkboxes do not have keyboard focus indicators, such as after pressing Enter to select the checkbox.
3.1.2 Language of Parts (Level AA)	Supports	In Aeon, 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 side bar and breadcrumb links are present in the same relative order throughout the web application. Mobile and desktop screen sizes have different layouts, but there is a consistent relative order within each layout.
3.2.4 Consistent Identification (Level AA)	Supports	Aeon uses specific labels and icons consistently throughout the web pages to identify functional components that appear repeatedly.
3.3.3 Error Suggestion (Level AA)	Supports	In Aeon, suggestions for input correction are described as part of error messages or inline text cues describing correct input format.
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 and 2.2)	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 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 and 2.2)	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.

Criteria	Conformance Level	Remarks and Explanations
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 AAA standard.
2.2.6 Timeouts (Level AAA 2.1 and 2.2)	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 and 2.2)	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.

Criteria	Conformance Level	Remarks and Explanations
2.4.12 Focus Not Obscured (Enhanced) (Level AAA 2.2 only)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.4.13 Focus Appearance (Level AAA 2.2 only)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.5.5 Target Size (Level AAA 2.1 and 2.2)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 and 2.2)	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 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.

Criteria	Conformance Level	Remarks and Explanations
3.3.6 Error Prevention (All) (Level AAA)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.
3.3.9 Accessible Authentication (Enhanced) (Level AAA 2.2 only)	Not Evaluated	The product has not been evaluated against WCAG AAA standard.

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