

RedShelf Accessibility Conformance Report WCAG Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: RedShelf eReader: Version 7.0.0

Report Date: January 2023

Product Description: The RedShelf eReader is a browser-based application to render publishers' content, along with added tools to make it easy to read and study.

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Notes: The scope of this audit covers the home screen, notes, flashcards, copy content, contents, search, appearance settings, audio reader, images, charts and tables, expanding sections, and math content.

Evaluation Methods Used: Evaluation of RedShelf eReader involved a combination of manual and functional testing. Level Access (Level) tested a selection of pages representative of RedShelf eReader (referred to as “in-scope features and flows”) using a testing methodology that is aligned with the Web Accessibility Conformance Evaluation Methodology 1.0. Assistive technology, including a screen reader (JAWS 2022), was used along with exclusive use of the keyboard to determine support for the WCAG criteria. Level also functionally tested user flows with JAWS 2022, Dragon NaturallySpeaking 15, and ZoomText 2022.

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.x Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
<u>1.1.1 Non-text Content</u> (Level A)	Web: Supports	Web: Non-text content within the product contains proper text alternatives.
<u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A)	Web: Supports	Web: The product does not contain prerecorded audio-only or video-only media.
<u>1.2.2 Captions (Prerecorded)</u> (Level A)	Web: Supports	Web: The product does not contain prerecorded media that would require captions.
<u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A)	Web: Supports	Web: The product does not contain prerecorded media that would require an audio description or media alternative.
<u>1.3.1 Info and Relationships</u> (Level A)	Web: Partially Supports	<p>Web: Most information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. Exceptions include:</p> <ul style="list-style-type: none"> • Some headings do not match their visual importance, such as H1 headings that should be H2. • Some ARIA landmarks are improperly labeled, such as certain NAV elements.
<u>1.3.2 Meaningful Sequence</u> (Level A)	Web: Supports	Web: The product presents content in a meaningful sequence.

Criteria	Conformance Level	Remarks and Explanations
1.3.3 Sensory Characteristics (Level A)	Web: Supports	Web: The product does not have content that relies on sensory characteristics.
1.4.1 Use of Color (Level A)	Web: Supports	Web: The product does not have content that relies on the use of color to convey meaning.
1.4.2 Audio Control (Level A)	Web: Supports	Web: The product does not have audio that plays automatically.
2.1.1 Keyboard (Level A)	Web: Partially Supports	Web: Most product functionality can be operated through a keyboard interface. Exceptions include: <ul style="list-style-type: none"> On the Home screen, there is no method to enter the content area using the keyboard alone.
2.1.2 No Keyboard Trap (Level A)	Web: Supports	Web: The product does not contain keyboard traps.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Web: Supports	Web: The product does not contain character key shortcuts.
2.2.1 Timing Adjustable (Level A)	Web: Supports	Web: The product does not include time limits.
2.2.2 Pause, Stop, Hide (Level A)	Web: Supports	Web: The product does not contain elements that move, blink, scroll, or auto-update.
2.3.1 Three Flashes or Below Threshold (Level A)	Web: Supports	Web: The product does not contain content that flashes.
2.4.1 Bypass Blocks (Level A)	Web: Supports	Web: The product contains the ability to bypass repeated blocks of content.
2.4.2 Page Titled (Level A)	Web: Supports	Web: The titles of pages describe topic or purpose.

Criteria	Conformance Level	Remarks and Explanations
2.4.3 Focus Order (Level A)	Web: Supports	Web: The focus order of the product is presented in a meaningful order.
2.4.4 Link Purpose (In Context) (Level A)	Web: Supports	Web: The purpose of each link can be determined by context or link text alone.
2.5.1 Pointer Gestures (Level A 2.1 only)	Web: Supports	Web: The product does not rely on multipoint or path-based gestures.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Web: Supports	Web: Product functions that use a single pointer either have no down-event, the ability to abort or undo, or have up reversal functionality.
2.5.3 Label in Name (Level A 2.1 only)	Web: Supports	Web: The visual labels of components are included in their accessible names.
2.5.4 Motion Actuation (Level A 2.1 only)	Web: Partially Supports	Web: Most of the product does not rely on device motion or user motion to activate functionality. Exceptions include: <ul style="list-style-type: none"> Some sections rely on the user to select text to reveal sections of content, such as the sections for options like Create a Note/Create a Flashcard.
3.1.1 Language of Page (Level A)	Web: Supports	Web: The human language of each page can be programmatically determined.
3.2.1 On Focus (Level A)	Web: Supports	Web: Changes of context do not occur on focus of components.

Criteria	Conformance Level	Remarks and Explanations
3.2.2 On Input (Level A)	Web: Supports	Web: Changes of context do not occur when the user changes the settings of a component.
3.3.1 Error Identification (Level A)	Web: Supports	Web: If an input error is automatically detected within the product, the error message is described to the user in text.
3.3.2 Labels or Instructions (Level A)	Web: Supports	Web: The product contains labels or instructions when content requires user input.
4.1.1 Parsing (Level A)	Web: Partially Supports	<p>Web: Most of the product contains markup that meets specifications. Exceptions include:</p> <ul style="list-style-type: none"> • Some elements are not well-formed, such as buttons that are parents of interactive elements, such as buttons and links.

Criteria	Conformance Level	Remarks and Explanations
4.1.2 Name, Role, Value (Level A)	Web: Partially Supports	<p>Web: Most of the product contains user interface components with proper name, role, state, or value information. Exceptions include:</p> <ul style="list-style-type: none"> • Some elements do not contain a proper state, such as accordion controls that do not relay their current expanded state. • Some attributes reference IDs that are invalid, such as some controls with the aria-controls attribute. • Some elements do not have necessary ARIA properties, such as comboboxes without aria-controls.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Web: Supports	Web: The product does not contain live media that would require captions.
1.2.5 Audio Description (Prerecorded) (Level AA)	Web: Supports	Web: The product does not contain prerecorded media that would require an audio description.

Criteria	Conformance Level	Remarks and Explanations
1.3.4 Orientation (Level AA 2.1 only)	Web: Supports	Web: Content does not restrict its view to a single orientation.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Web: Supports	Web: The product does not contain input fields that collect information about the user.
1.4.3 Contrast (Minimum) (Level AA)	Web: Supports	Web: The content contains text that meets contrast requirements.
1.4.4 Resize text (Level AA)	Web: Supports	Web: The product allows for text to resize up to 200 percent without loss of content or functionality.
1.4.5 Images of Text (Level AA)	Web: Supports	Web: The product does not use images of text except, where essential, such as logos.
1.4.10 Reflow (Level AA 2.1 only)	Web: Supports	Web: At the required width of 320 CSS pixels, there is no loss of content or functionality and no two-dimensional scrolling.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Web: Supports	Web: User interface components and graphical objects meet contrast requirements.
1.4.12 Text Spacing (Level AA 2.1 only)	Web: Supports	Web: When the user overrides text spacing properties, there is no loss of content or functionality.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Web: Supports	Web: Content that appears on hover or focus becomes visible and hidden in a manner that meets this criterion.
2.4.5 Multiple Ways (Level AA)	Web: Supports	Web: The product contains more than one way to navigate to a Web page within a set of Web pages.

Criteria	Conformance Level	Remarks and Explanations
2.4.6 Headings and Labels (Level AA)	Web: Supports	Web: The product contains headings and labels that describe topic or purpose.
2.4.7 Focus Visible (Level AA)	Web: Supports	Web: The keyboard focus indicator is visible by default.
3.1.2 Language of Parts (Level AA)	Web: Supports	Web: The human language of passages or phrases can be programmatically determined.
3.2.3 Consistent Navigation (Level AA)	Web: Supports	Web: When navigational mechanisms appear within the product, they occur in a consistent order.
3.2.4 Consistent Identification (Level AA)	Web: Supports	Web: Components with the same functionality are identified consistently.
3.3.3 Error Suggestion (Level AA)	Web: Supports	Web: The product does not detect input errors that are displayed to users.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Web: Supports	Web: The product does not contain legal commitments, financial transactions, or modifications to user-controllable data.
4.1.3 Status Messages (Level AA 2.1 only)	Web: Partially Supports	<p>Web: When most status updates do not receive focus, the product provides an update to assistive technology. Exceptions include:</p> <ul style="list-style-type: none"> Some status updates do not provide an update to assistive technologies, such as the update to the search results.

Table 3: Success Criteria, Level AAA

Notes: Not Evaluated