

Veridian Software, DL Consulting Ltd. Accessibility Conformance Report WCAG Edition

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VPAT® Version 2.4

Name of Product/Version: Veridian Software, v2021-04-21 (and newer versions)

Report Date: Wednesday, 21st April, 2021

Product Description: Web-based presentation platform for large historic newspaper and archival collections

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Evaluation Methods Used: Conformance to the listed accessibility standards was evaluated by Veridian Software using a combination of manual testing, general product knowledge, and assistive technologies.

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, at http://www.w3.org/TR/2008/REC-WCAG20-20081211	Level A (Yes / No) Level AA (Yes / No) Level AAA (Yes / No)
Web Content Accessibility Guidelines 2.1, at https://www.w3.org/TR/WCAG21	Level A (Yes / No) Level AA (Yes / No) Level AAA (Yes / 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.X 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

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	Veridian employs standard HTML and WAI-ARIA methods to provide text equivalents of non-text elements. For example, the use of “alt” attributes for images and the use of “aria-label” attribute for other visual elements. Design elements for aesthetic purposes only may not provide a text alternative.

1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	Veridian supports caption display for pre-recorded audio collections.
1.2.2 Captions (Prerecorded) (Level A)	Supports	Veridian supports caption display for pre-recorded audio collections.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	Veridian supports time-based caption display for pre-recorded audio collections.
1.3.1 Info and Relationships (Level A)	Supports	Information, structure, and relationships conveyed through presentation can be programmatically determined.
1.3.2 Meaningful Sequence (Level A)	Supports	Veridian generates semantically-correct markup to enable assistive technologies to programmatically assess the correct sequence of content and controls.
1.3.3 Sensory Characteristics (Level A)	Supports	Veridian instructions for understanding and operating content employ WAI-ARIA techniques to ensure that components are correctly conveyed to assistive technologies.
1.4.1 Use of Color (Level A)	Supports	Colour is used purely as an aesthetic or design attribute for Veridian user interface elements. A textual representation is always used as the primary mechanism for conveying information.
1.4.2 Audio Control (Level A)	Not Applicable	Veridian does not play audio automatically. Instead, the user has control of audio playback, volume, pause, position etc., using their mouse, keyboard or touch screen.
2.1.1 Keyboard (Level A)	Supports	All Veridian content functionality is operable using a keyboard.
2.1.2 No Keyboard Trap (Level A)	Supports	Veridian supports standard keyboard navigation for users and ensures that they will not be trapped within content requiring the use of other input methods.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Not Applicable	Veridian does not utilize character key shortcuts as part of its user interface.
2.2.1 Timing Adjustable (Level A)	Supports	No dialog boxes or other interactions within Veridian are time limited.
2.2.2 Pause, Stop, Hide (Level A)	Supports	Veridian contains no self-moving content. All movement (moving and scrolling) is controlled entirely by the user.

2.3.1 Three Flashes or Below Threshold (Level A)	Supports	Veridian uses no flashing interface element.
2.4.1 Bypass Blocks (Level A)	Supports	All content has been structurally marked up to enable users to easily navigate to the relevant content of each page. "Skip links" are implemented for bypassing repetitive header content on each page.
2.4.2 Page Titled (Level A)	Supports	Web pages within the application have descriptive titles that indicate the topic or purpose of each page.
2.4.3 Focus Order (Level A)	Supports	Veridian uses a logical tab order through interactive elements such as links and form controls. It also uses semantically correct markup, ensuring that the markup matches the visual presentation of content on the page.
2.4.4 Link Purpose (In Context) (Level A)	Supports	Veridian uses descriptive text or WAI-ARIA techniques, such as adding an "aria-label" attribute to table paging control icons, to identify the purpose of links.
2.5.1 Pointer Gestures (Level A 2.1 only)	Supports	All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture within Veridian, except the path-based gesture in the document view page for adjusting the viewport region. This path-based gesture is essential and there are no alternative solutions available.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	All button and link events are triggered by "clicks" which require users to perform a mouse down followed by a mouse up. Moving the pointer away from the control cancels the event. The only exception is the document view page where users can adjust the viewport by dragging (triggered by a mouse down and released by mouse up) the content with their pointer. This dragging function is essential and there are no alternative solutions available.
2.5.3 Label in Name (Level A 2.1 only)	Supports	Veridians links have explanatory text within their anchor tags which serves as a label for the element. PanoJS symbol controls have aria-labels attached to their svg images. Text input boxes in Veridian make use of visual labels that are declared as for="input-id" for their specific input boxes which meet this criterion.
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	Veridian does not implement any functionality that operates on device motion nor user motion.

3.1.1 Language of Page (Level A)	Supports	Veridian uses the language attribute on the HTML element to specify the default language of each page.
3.2.1 On Focus (Level A)	Supports	When a component in the Veridian user interface receives focus, it does not initiate a change of context.
3.2.2 On Input (Level A)	Supports	Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component.
3.3.1 Error Identification (Level A)	Supports	If an input error is automatically detected, Veridian provides clear feedback to the user in text
3.3.2 Labels or Instructions (Level A)	Supports	Veridian uses standard HTML and WAI-ARIA attributes to provide labels and instructions when content requires user input.
4.1.1 Parsing (Level A)	Supports	Veridian uses semantically-correct markup for all interface elements. The markup is programmatically generated to prevent parsing errors and has been validated with Google HTML auditor.
4.1.2 Name, Role, Value (Level A)	Supports	Veridian uses standard HTML and WAI-ARIA attributes to describe the identity, operation, and state of user interface elements to Assistive Technologies.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	Veridian does not support live media.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	Veridian does not support pre-recorded videos
1.3.4 Orientation (Level AA 2.1 only)	Supports	Veridian utilizes CSS flexbox and media query as part of the interface design to ensure the collection is most accessible and usable on all screen sizes and/or on different orientations.

1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	Veridian does currently make use of type attributes inside of input elements which indicates a general purpose for the fairly basic form items that Veridian uses.
1.4.3 Contrast (Minimum) (Level AA)	Not Evaluated	Colour selection is part of the customization service we offer to our clients. Veridian has the flexibility to implement a high-contrast interface, but this is not a general practice in the default Veridian.
1.4.4 Resize text (Level AA)	Supports	Veridian allows the user to set a default large text size and also supports standard zoom capabilities built into modern web browsers and operating systems.
1.4.5 Images of Text (Level AA)	Supports	Veridian does not use images of text.
1.4.10 Reflow (Level AA 2.1 only)	Supports	Veridian has no loss of content on devices where screen widths go down to 320 CSS pixels. Content is also viewable without having to scroll in more than one direction when screen size is small. Veridian's interface design is made to be responsive and work on varying screen sizes and dimensions.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Not Evaluated	Colour selection is a part of the customisation service that we offer to our clients. Veridian has the capabilities to implement high contrast controls where the colour selection chosen is applicable.
1.4.12 Text Spacing (Level AA 2.1 only)	Not Evaluated	Veridian's responsive design allows for text in a Veridian collection to be customised to meet the baseline text style properties to meet this requirement without any loss of content or functionality.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Not Evaluated	On hover or focus content that is added through a Veridian customisation is able to be tailored to meet the three requirement guidelines: dismissible, hoverable, persistent.
2.4.5 Multiple Ways (Level AA)	Supports	Each Veridian page contains a menu to escape from the current flow through the user interface.
2.4.6 Headings and Labels (Level AA)	Supports	Veridian uses headings and labels which describe a topic or purpose.
2.4.7 Focus Visible (Level AA)	Supports	Veridian uses the standard visual changes to web elements to indicate the current position of focus.

3.1.2 Language of Parts (Level AA)	Supports	Pages within Veridian contain text in only one language, and the language of the complete page is marked up in the “lang” attribute of the “html” element.
3.2.3 Consistent Navigation (Level AA)	Supports	Veridian uses consistently ordered navigation mechanisms across pages.
3.2.4 Consistent Identification (Level AA)	Supports	Pages within Veridian are identified consistently where functionality is the same.
3.3.3 Error Suggestion (Level AA)	Supports	Veridian provides suggestions to users for correcting errors.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	Controls for modifying user-controllable data are reversible by the user.
4.1.3 Status Messages (Level AA 2.1 only)	Supports	Veridian has implemented the roles based on the suggestions in the guideline.

Table 3: Success Criteria, Level AAA

Note: Veridian has not been evaluated for WCAG 2.X Level AAA conformance.