

# Voluntary Product Accessibility Template® (VPAT®)

## Version 2.4 — Revised Section 508 Edition

<b>Product Name</b>	AI-EWS — AI Early Warning System
<b>Product Version</b>	v4.5.1.1
<b>Product Description</b>	A web-based cybersecurity threat intelligence and breach monitoring platform providing real-time OSINT scanning, HIBP breach intelligence, device compromise detection, credential intelligence, AI-generated security analysis, and automated scheduling.
<b>Vendor Company</b>	MyOnlineCISO — Gower Heritage Holdings LLC
<b>Vendor Contact</b>	Mark Gower   support@myonlineciso.com   myonlineciso.com
<b>Report Date</b>	March 2026
<b>VPAT Version</b>	VPAT® 2.4 Rev (March 2022)
<b>Standards Covered</b>	WCAG 2.1 Level A and AA   Revised Section 508

## Evaluation Methods Used

The following methods were used to evaluate AI-EWS for accessibility conformance:

- Automated testing using axe DevTools 4.11.1 (Deque Systems) against WCAG 2.1 AA — full site scan across all 19 application pages
- Manual inspection of color contrast ratios using WCAG luminance formula verification
- Code review of all React JSX components for ARIA attribute correctness, semantic HTML structure, keyboard navigation, and touch target sizing
- Keyboard navigation testing across all interactive elements
- Review of all badge, status indicator, and label components for color-on-color violations

## Scope

AI-EWS is a web application accessed via modern browser (Chrome, Edge, Firefox, Safari). The evaluation covers all 19 pages of the application including authentication, dashboard, threat intelligence, breach monitoring, device compromise, password risk analysis, AI intelligence, credential intelligence, user management, and administrative configuration screens.

Conformance target: WCAG 2.1 Level AA. The application does not target WCAG 2.1 Level AAA conformance.

## WCAG 2.1 Report

**Table 1: Success Criteria, Level A**

Notes: All Level A criteria have been evaluated and addressed.

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	All meaningful images include alt text. Two browser extension icons detected by automated scanner are not application content and are marked Not Applicable in testing.
1.2.1 Audio-only and Video-only (Level A)	Not Applicable	AI-EWS contains no audio-only or video-only content.
1.2.2 Captions (Level A)	Not Applicable	AI-EWS contains no pre-recorded synchronized media.
1.2.3 Audio Description or Media Alternative (Level A)	Not Applicable	No pre-recorded video content is present.
1.3.1 Info and Relationships (Level A)	Supports	Page structure uses semantic HTML with appropriate heading hierarchy (h1 on all 19 pages), table headers with discernible text via visually-hidden spans, and proper label associations on all form controls.
1.3.2 Meaningful Sequence (Level A)	Supports	Reading order follows visual order throughout the application.
1.3.3 Sensory Characteristics (Level A)	Supports	Instructions and UI elements do not rely solely on sensory characteristics such as color or shape.
1.4.1 Use of Color (Level A)	Supports	Color is not the sole means of conveying information. Status badges include text labels (CRITICAL, HIGH, CLEAN, etc.) in addition to color coding.
1.4.2 Audio Control (Level A)	Not Applicable	No auto-playing audio content is present.
2.1.1 Keyboard (Level A)	Supports	All interactive elements are keyboard accessible. Scrollable regions have tabIndex={0} enabling keyboard scrolling. The main content landmark is keyboard focusable.
2.1.2 No Keyboard Trap (Level A)	Supports	No keyboard traps exist. Modal dialogs (AUP, confirmation dialogs) release focus on close.
2.2.1 Timing Adjustable (Level A)	Supports	Dashboard auto-refresh (5 minutes) does not affect user interaction. No time limits are imposed on user tasks.
2.2.2 Pause, Stop, Hide (Level A)	Supports	No auto-updating content moves or blinks in a way that cannot be paused.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	No content flashes more than three times per second.
2.4.1 Bypass Blocks (Level A)	Supports	Main content landmark (role=main) allows screen reader users to skip navigation. Visually-hidden h1 headings on all pages enable landmark navigation.
2.4.2 Page Titled (Level A)	Supports	The browser tab title identifies the application as AI-EWS Early Warning System.

Criteria	Conformance Level	Remarks and Explanations
2.4.3 Focus Order (Level A)	Supports	Focus order follows logical reading sequence throughout all pages.
2.4.4 Link Purpose in Context (Level A)	Supports	Links include descriptive text or aria-label attributes providing context for screen reader users.
3.1.1 Language of Page (Level A)	Supports	The HTML lang attribute is set to 'en' on all pages.
3.2.1 On Focus (Level A)	Supports	No context changes occur on focus.
3.2.2 On Input (Level A)	Supports	No automatic context changes occur on input. Form submissions require explicit button activation.
3.3.1 Error Identification (Level A)	Supports	Form validation errors use role='alert' and aria-live='polite' to announce errors to screen readers.
3.3.2 Labels or Instructions (Level A)	Supports	All form controls have associated labels via htmlFor/id pairing or aria-label attributes.
4.1.1 Parsing (Level A)	Supports	HTML is valid. React-generated markup maintains well-formed structure throughout.
4.1.2 Name, Role, Value (Level A)	Supports	All interactive elements have accessible names. ARIA roles are used correctly. aria-expanded is implemented on button elements (not tr elements). Select elements have aria-label attributes.

## Table 2: Success Criteria, Level AA

Notes: All Level AA criteria have been evaluated. Issues identified during automated scanning have been remediated.

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions Live (Level AA)	Not Applicable	No live synchronized media is present in AI-EWS.
1.2.5 Audio Description (Level AA)	Not Applicable	No pre-recorded video content is present.
1.3.4 Orientation (Level AA)	Supports	Content does not restrict viewing to a single orientation.
1.3.5 Identify Input Purpose (Level AA)	Supports	Login form fields use autocomplete attributes (username, current-password, one-time-code for MFA) enabling autofill.
1.4.3 Contrast (Minimum) (Level AA)	Supports	All text meets or exceeds the 4.5:1 minimum contrast ratio. Remediation completed March 2026: all badge text changed to white (#ffffff) on colored backgrounds; textMuted token updated to white; all section headers and labels updated to near-white (#e0e8f0 or #c8dce6). Verified via automated axe scan and manual luminance calculation.
1.4.4 Resize Text (Level AA)	Supports	Text can be resized up to 200% without loss of content or functionality.

Criteria	Conformance Level	Remarks and Explanations
1.4.5 Images of Text (Level AA)	Supports	No images of text are used. All text is rendered as HTML/CSS.
1.4.10 Reflow (Level AA)	Supports	Content reflows without horizontal scrolling at 320px viewport width.
1.4.11 Non-text Contrast (Level AA)	Supports	UI component boundaries (inputs, buttons, focus rings) meet 3:1 contrast ratio.
1.4.12 Text Spacing (Level AA)	Supports	No loss of content or functionality when text spacing is modified per WCAG specification.
1.4.13 Content on Hover or Focus (Level AA)	Supports	Tooltip content on hover is persistent, hoverable, and dismissible.
2.4.5 Multiple Ways (Level AA)	Supports	Users can navigate to any page via the persistent sidebar navigation.
2.4.6 Headings and Labels (Level AA)	Supports	All 19 pages have descriptive h1 headings. Form labels describe their purpose.
2.4.7 Focus Visible (Level AA)	Supports	All interactive elements display a visible focus ring (2px solid accent color) on keyboard focus.
2.5.3 Label in Name (Level AA)	Supports	Visible button labels match or are contained in their accessible names.
2.5.8 Target Size (Level AA)	Supports	All touch targets meet the 24x24px minimum. Interactive elements use minimum 44px height for primary controls. Sidebar checkboxes have explicit minHeight and minWidth of 24px.
3.1.2 Language of Parts (Level AA)	Supports	No content in a language other than English is present.
3.2.3 Consistent Navigation (Level AA)	Supports	Navigation is consistent across all pages via the persistent sidebar.
3.2.4 Consistent Identification (Level AA)	Supports	UI components with the same function are identified consistently throughout.
3.3.3 Error Suggestion (Level AA)	Supports	Form error messages provide specific guidance on how to correct input.
3.3.4 Error Prevention (Level AA)	Supports	Destructive actions (delete, ban IP, reset MFA) require confirmation dialogs.
4.1.3 Status Messages (Level AA)	Supports	Status messages use role='alert' or aria-live='polite' and are announced by screen readers without requiring focus.

### Table 3: Success Criteria, Level AAA (Advisory)

Notes: AI-EWS does not target WCAG 2.1 Level AAA conformance. This table is provided for informational purposes only and does not affect procurement eligibility.

Criteria	Conformance Level	Remarks and Explanations
1.4.6 Contrast Enhanced (Level AAA)	<b>Does Not Support</b>	AI-EWS targets WCAG 2.1 Level AA conformance. The application brand color (accent #46a0c8) achieves approximately 6.84:1 contrast ratio, which exceeds the AA 4.5:1 requirement but does not reach the AAA 7:1 threshold. All content text meets or exceeds AA requirements.
All other AAA criteria	<b>Not Evaluated</b>	AAA criteria have not been evaluated as they are not required for this product's conformance target.

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### Chapter 3: Functional Performance Criteria

Criteria	Conformance Level	Remarks and Explanations
301.1 Without Vision	<b>Supports</b>	Screen reader compatible. Semantic HTML, ARIA landmarks, descriptive labels, and alt text support users who rely on screen readers.
301.2 With Limited Vision	<b>Supports</b>	Text resizable to 200%. Minimum contrast ratios met throughout. No reliance on color alone to convey information.
301.3 Without Perception of Color	<b>Supports</b>	All status indicators include text labels in addition to color. No information is conveyed by color alone.
301.4 Without Hearing	<b>Not Applicable</b>	AI-EWS contains no audio content.
301.5 With Limited Hearing	<b>Not Applicable</b>	No audio content is present.
301.6 Without Speech	<b>Not Applicable</b>	AI-EWS does not require speech input.
301.7 With Limited Manipulation	<b>Supports</b>	All functions are operable via keyboard. Touch targets meet minimum size requirements. No fine motor precision is required.
301.8 With Limited Reach and Strength	<b>Supports</b>	All interactive elements are reachable via keyboard. No physical interaction beyond standard input devices is required.
301.9 With Limited Language, Cognitive, and Learning Abilities	<b>Partially Supports</b>	The application uses clear labeling and consistent navigation. Error messages are descriptive. However, the application is designed for trained security professionals and assumes domain knowledge of cybersecurity concepts.
301.10 Without Physical Contact	<b>Not Applicable</b>	AI-EWS does not require biometric input.

## Chapter 4: Hardware

Not Applicable. AI-EWS is a software web application and has no hardware components.

## Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
502.2.1 User Control of Accessibility Features	Not Applicable	AI-EWS is not a platform and does not include platform accessibility features.
502.2.2 No Disruption of Accessibility Features	Supports	AI-EWS does not disrupt or override platform accessibility features including screen readers, high contrast mode, or keyboard navigation.
502.3 Accessibility Services	Supports	The application uses standard browser accessibility APIs via semantic HTML and ARIA attributes, compatible with JAWS, NVDA, VoiceOver, and TalkBack.
502.4 Platform Accessibility Features	Not Applicable	AI-EWS is a web application, not a platform.
503.2 User Preferences	Supports	The application respects browser and OS-level user preferences including zoom level and display settings.
503.3 Alternative User Interfaces	Not Applicable	No alternative user interfaces are provided.
503.4 User Controls for Captions and Audio Description	Not Applicable	No captioned or audio-described content is present.

## Chapter 6: Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Supports	Support documentation is provided to end users of AI-EWS.
602.2 Accessibility and Compatibility Features	Supports	Documentation describes accessibility features of AI-EWS including keyboard navigation, screen reader support, and MFA alternatives.
602.3 Electronic Support Documentation	Supports	Support documentation is provided in accessible electronic format.
602.4 Alternate Formats for Non-Electronic Support Documentation	Not Applicable	All documentation is provided electronically.
603.2 Information on Accessibility and Compatibility	Supports	Accessibility conformance information is publicly available at <a href="https://myonlineciso.com/accessibility">myonlineciso.com/accessibility</a> .

Criteria	Conformance Level	Remarks and Explanations
Features		
603.3 Accommodation of Communication Needs	<b>Supports</b>	Support is available via email at support@myonlineciso.com for users requiring accessibility accommodations.

## Legal Disclaimer

This VPAT was completed to the best of MyOnlineCISO's ability based on evaluation performed in March 2026. The information provided reflects the state of the product at the time of testing. MyOnlineCISO is committed to ongoing accessibility improvements and will update this document as enhancements are made.

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For questions regarding accessibility, contact: support@myonlineciso.com