Pearson TestNav Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: TestNav 8.16, App V1.9

Report Date: January 21, 2021

Product Description: TestNav is a web application that delivers secure, scalable, and reliable assessment experiences.

Contact Information: **accessibility@pearson.com**

Notes: This document was completed based on an evaluation of functionality within the application that is utilized by an estimated 90% of all users. The remaining 10% of functionality not evaluated includes client customizable features and item interaction types that are used in 10% or fewer of all assessments delivered through TestNav.

Evaluation Methods Used: Evaluations were conducted by trained Accessibility Quality Assurance Engineers and included both automated and manual testing. Quality Assurance Engineers who are native users of blindness technologies participated in the evaluation. Current testing was conducted using the Windows TestNav App Version 1.9 on Win 10.0.18363. Assistive technology used during the evaluation included

NVDA 2020.2 and a Braille Edge Braille Display. Accessibility Conformance Testing is refreshed twice each year and includes evaluation of new functionality as well as regression testing of existing core functionality. Ongoing evaluations of the application include the use of Job Access With Speech (JAWS), VoiceOver, ChromeVox, Dragon by Nuance, and adaptive keyboards and mice.

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 (Yes)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

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 2.0 Report

Tables 1 and 2 also document conformance with Revised Section 508:

- Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 – 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 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

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	TestNav supports text alternatives for non-text content, including controls (i.e., defining role, state, and properties); text alternatives for time-based media, tests or exercises; sensory content; and CAPTCHA. TestNav was designed to avoid the use of purely decorative, non-textual content. If any assessment content delivered through TestNav contains decorative images, TestNav presents the item in a way that allows the decorative images to be ignored by assistive technology. When users are on a laptop, the battery indicator at top is read as "blank." by screen readers.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	TestNav supports alternatives for video-only and audio-only content.
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	TestNav supports captions for prerecorded audio within synchronized media.

Criteria	Conformance Level	Remarks and Explanations
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	TestNav supports alternatives for time-based media/ prerecorded video.
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	TestNav uses a logical structure where information and relationships can be programmatically determined or are available in text.
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	TestNav presents content in a meaningful order.
1.3.3 Sensory Characteristics (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	TestNav does not rely on sensory information alone to convey meaning.
1.4.1 Use of Color (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	TestNav does not rely only on color coding to convey information.

Criteria	Conformance Level	Remarks and Explanations

1.4.2 Audio Control (Level A)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Supports	TestNav does not play audio or any multimedia automatically.

2.1.1 Keyboard (Level A)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Partially Supports	All TestNav core system functionality (i.e., login screens, user menus, navigation controls) can be accessed using the keyboard. We can deliver a fully-keyboard accessible, secure assessment for students with disabilities. The interface is not dependent on timing.
		
		TestNav supports keyboard access for item types that use standard HTML controls (e.g., radio buttons, check boxes, combo boxes, text entry fields). Pearson is partnering with standards bodies to define and implement keyboard access solutions for non-standard controls that support more complex item interaction types. Once defined, these solutions will address the industry-wide limitations in keyboard access for complex technology-enhanced items.

2.1.2 No Keyboard Trap (Level A)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Supports	TestNav does not have any keyboard traps.

Criteria	Conformance Level	Remarks and Explanations
2.2.1 Timing Adjustable (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Time limits have user controls.
2.2.2 Pause, Stop, Hide (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The TestNav platform does not use moving or blinking content. TestNav does not use auto-updating that starts automatically or is presented in parallel with other content.
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	TestNav does not use flashing content.
2.4.1 Bypass Blocks (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Supports	TestNav provides "skip to" content links.
2.4.2 Page Titled (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	TestNav uses helpful and clear page titles.

Criteria	Conformance Level	Remarks and Explanations
2.4.3 Focus Order (Level A) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	Focus indication has been implemented for all active elements in TestNav, and components receive focus in an order that preserves meaning.
2.4.4 Link Purpose (In Context) (Level A) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	TestNav supports contextual link purpose.
3.1.1 Language of Page (Level A) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	TestNav uses language attributes.
3.2.1 On Focus (Level A) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	Elements do not change when they receive focus.
3.2.2 On Input (Level A) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Supports	Elements do not change when they receive input.

Criteria	Conformance Level	Remarks and Explanations
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	TestNav clearly identifies input errors.
3.3.2 Labels or Instructions (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	All input fields are clearly labeled, and clear instructions are given for user input. Buttons on media players in TestNav are not labeled or identified by the screen reader. This includes buttons on the Video and Audio player, and on voice recorders.
4.1.1 Parsing (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The TestNav application conforms to proper markup semantics.

Criteria	Conformance Level	Remarks and Explanations
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	We can produce an accessible test form where the name, role, and value of interface elements are available to assistive technology. This form can include all core system functionality (i.e., login screens, user menus, navigation controls) and item types that use standard HTML controls (e.g., radio buttons, check boxes, combo boxes, text entry fields). Pearson is partnering with standards bodies to define and implement standards for enabling the use of assistive technology on complex item interaction types. Once defined, these solutions will address the industry-wide limitations in keyboard access for complex technology-enhanced items

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	There is no live media used for standardized tests in TestNav. Everything is prerecorded.
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	TestNav supports alternative video files with audio description built into the audio track.

Criteria	Conformance Level	Remarks and Explanations

1.4.3 Contrast (Minimum) (Level AA)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Supports	All primary functions, menus, and content meet 4:5:1 color contrast requirement.

1.4.4 Resize text (Level AA)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Supports	Text can be resized to at least 200 percent without loss of content or functionality.

1.4.5 Images of Text (Level AA)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Supports	The TestNav platform does not use images of text.

2.4.5 Multiple Ways (Level AA)
Also applies to:
Revised Section 508
    • 501 (Web)(Software) – Does not apply to non-web software
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs) – Does not apply to non-web docs
	Supports	TestNav offers several ways to find pages.

2.4.6 Headings and Labels (Level AA)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Supports	TestNav uses clear headings and labels.

Criteria	Conformance Level	Remarks and Explanations
2.4.7 Focus Visible (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	Keyboard focus is visible and can be enhanced for assistive technology-enabled forms to improve visual perception.
3.1.2 Language of Parts (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	TestNav uses language attributes.
3.2.3 Consistent Navigation (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Supports	TestNav uses consistent navigation across the application.
3.2.4 Consistent Identification (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Supports	TestNav uses icons and buttons consistently across the application.
3.3.3 Error Suggestion (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	TestNav suggests fixes when users make errors.

Criteria	Conformance Level	Remarks and Explanations

3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Supports	TestNav reduces the risk of input errors for sensitive data and provides a review menu where users can check their answers before final submission.

Table 3: Success Criteria, Level AAA

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav supports video sign language interpretation of prerecorded media and audio content.
1.2.7 Extended Audio Description (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav supports alternative video files with extended audio description built into the audio track.
1.2.8 Media Alternative (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav supports media alternatives.
1.2.9 Audio-only (Live) (Level AAA) Revised Section 508 – Does not apply	Not Applicable	There is no live audio used for standardized assessments in TestNav. Everything is pre-recorded.
1.4.6 Contrast (Enhanced) (Level AAA) Revised Section 508 – Does not apply	Supports	Most color palettes exceed 7:1 contrast ratio. There is also a low contrast option available for users who are sensitive to high contrast and find it difficult to use.
1.4.7 Low or No Background Audio (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav supports the delivery of high-quality audio files.
1.4.8 Visual Presentation (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav supports the selection of foreground and background colors, proper use of white space, and uses responsive design so that text can be resized without the use of assistive technology.
1.4.9 Images of Text (No Exception) (Level AAA) Revised Section 508 – Does not apply	Supports	The TestNav platform does not use images of text.

Criteria	Conformance Level	Remarks and Explanations
2.1.3 Keyboard (No Exception) (Level AAA) Revised Section 508 – Does not apply	Does Not Support	Pearson is partnering with standards bodies to define and implement keyboard access solutions for non-standard controls that support more complex item interaction types. Once defined, these solutions will address the industry-wide limitations in keyboard access for complex technology-enhanced items and tools.
2.2.3 No Timing (Level AAA) Revised Section 508 – Does not apply	Supports	Unless specifically requested by the client to measure time to complete an assessment task, TestNav does not use timing as an essential part of the event.
2.2.4 Interruptions (Level AAA) Revised Section 508 – Does not apply	Not Applicable	TestNav will not permit other applications to interrupt the testing session.
2.2.5 Re-authenticating (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav is a single-page web application that saves user input for each answer submitted at the time of submission.
2.3.2 Three Flashes (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav does not use flashing content.
2.4.8 Location (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav provides information to the user about their location within an assessment.
2.4.9 Link Purpose (Link Only) (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav supports meaningful link text that conveys meaning out of context.
2.4.10 Section Headings (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav supports the use of logical section headings to organize content.
3.1.3 Unusual Words (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav supports the use of a pop-up glossary.
3.1.4 Abbreviations (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav supports abbreviation expansion, but the feature is construct-dependent.
3.1.5 Reading Level (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav supports varying reading levels, but this feature is dependent on the construct being tested.
3.1.6 Pronunciation (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav supports pronunciation support, but this feature is dependent on the construct being tested.

Criteria	Conformance Level	Remarks and Explanations
3.2.5 Change on Request (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav does not change context. Personal needs and Preferences can be set for each user.
3.3.5 Help (Level AAA) Revised Section 508 – Does not apply	Not Applicable	Context sensitive help is not provided for assessment content to preserve construct validity.
3.3.6 Error Prevention (All) (Level AAA) Revised Section 508 – Does not apply	Supports	TestNav provides a review menu where users can check their answers before final submission.

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Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	Refer to Tables 1 through 3 for explanations.
302.2 With Limited Vision	Partially Supports	Refer to Tables 1 through 3 for explanations.
302.3 Without Perception of Color	Supports	Application does not rely on perception of color alone to convey information.
302.4 Without Hearing	Partially Supports	Refer to Tables 1 through 3 for explanations.
302.5 With Limited Hearing	Partially Supports	Refer to Tables 1 through 3 for explanations.
302.6 Without Speech	Supports	Application does not rely on speech input alone to access core functionality.
302.7 With Limited Manipulation	Partially Supports	Refer to Tables 1 through 3 for explanations.
302.8 With Limited Reach and Strength	Supports	Application does not require simultaneous actions.
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially Supports	Refer to Tables 1 through 3 for explanations.

Chapter 4: Hardware

Notes: This section is not applicable to the product. There are no hardware components.

Chapter 5: Software

Notes: This section is not applicable to the product. This product is a web application and conformance is outlined in Tables 1 through 3 of this Accessibility Conformance Report.

Chapter 6: [Support Documentation and Services](#)

Notes: This Accessibility Conformance Report does not include information about the conformance of support documentation and services.

Legal Disclaimer (Pearson)

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