

ATYPON

Atypon Accessibility Conformance Report: International Edition

17 November 2023

(Based on VPAT[®] Version 2.4)

Contents

Atypon Accessibility Conformance Report: International Edition.....	2
Applicable Standards/Guidelines.....	2
WCAG 2.1 Success Criteria Level A.....	4
WCAG 2.1 Success Criteria Level AA.....	15
Legal Disclaimer.....	23

Atypon Accessibility Conformance Report: International Edition

Name of Product/Version: American Society of Civil Engineers (ASCE-Literatum)

Report Date: October 16, 2023

Updated: February 20, 2024

Product Description: The American Society of Civil Engineers publishes various types of publications in both print and electronic formats. These include journals and practice periodicals, conference proceedings, standards, manuals, reports on engineering practice, committee technical reports, ASCE Press publications, engineer, owner, and construction-related contract documents, as well as special publications. Additionally, Civil Engineering Magazine is published by ASCE through the Communications Department.

Contact Information: ascelibrary@asce.org

Evaluation Methods Used: AXE

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standards/guidelines:

Standard/Guideline	Included In Report
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 2.1 Level AAA.

WCAG 2.1 Report

Tables 1 and 2 document conformance with the WCAG 2.1 Accessibility Standard. It should be noted that when reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.1 Conformance Requirements](#).

WCAG 2.1 Success Criteria Level A

Table 1

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<p>1.1.1 Non-text Content (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.1.1 (Web) ● 10.1.1.1 (Non-web document) ● 11.1.1.1.1 (Open Functionality Software) ● 11.1.1.1.2 (Closed Functionality Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Supported	Passed	<p>image_alt</p> <p>area-alt</p> <p>aria-meter-name</p> <p>aria-progressbar-name</p> <p>input-image-alt</p> <p>object-alt</p> <p>object-alt</p> <p>role-img-alt</p> <p>sbg-img-alt</p>
<p>1.2.1 Audio-only and Video-only (Prerecorded) (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.2.1 (Web) ● 10.1.2.1 (non-web document) ● 11.1.2.1.1 (Open Functionality Software) ● 11.1.2.1.2.1 and 11.1.2.1.2.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	N/A	Not Applicable (Applicable for video-only as there aren't any audio-only items.)	Audio-caption
<p>1.2.2 Captions (Prerecorded) (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.2.2 (Web) ● 10.1.2.2 (Non-web document) ● 11.1.2.2 (Open Functionality 	N/A	Not Applicable (Captions provide the part of the content available via the audio track. Captions that identify who is speaking and include	Video-caption

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<p>Software)</p> <ul style="list-style-type: none"> ● 11.1.2.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		<p>non-speech information conveyed through sound, including meaningful sound effects).</p>	
<p>1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.2.3 (Web) ● 10.1.2.3 (Non-web document) ● 11.1.2.3.1 (Open Functionality Software) ● 11.1.2.3.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>N/A</p>	<p>Not Applicable</p> <p>E.g. audio description provides information about actions, characters that are important and are not described or spoken in the main soundtrack.</p>	<p>No automated TC</p>
<p>1.3.1 Info and Relationships (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.3.1 (Web) ● 10.1.3.1 (Non-web document) ● 11.1.3.1.1 (Open Functionality Software) ● 11.1.3.1.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Supported</p>	<p>Passed</p>	<p>listitem heading-order page-has-heading List error <u>Aria-hidden-focus</u>, <u>aria-required-children</u>, <u>aria-required-parent</u>, <u>definition-list</u>, <u>dlistem</u>, <u>label</u>, <u>select-name</u>, <u>td-headers-attr</u>, <u>th-has-data-cells</u>, <u>empty-table-header</u>, <u>p-as-heading</u>, <u>table-fake-caption</u>, <u>td-has-header</u></p>
<p>1.3.2 Meaningful Sequence (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.3.2 (Web) 	<p>Supported</p>	<p>Passed</p>	

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<ul style="list-style-type: none"> ● 10.1.3.2 (Non-web document) ● 11.1.3.2.1 (Open Functionality Software) ● 11.1.3.2.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 			No automated TC
1.3.3 Sensory Characteristics (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.1.3.3 (Web) ● 10.1.3.3 (Non-web document) ● 11.1.3.3 (Open Functionality Software) ● 11.1.3.3 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	N/A	<p style="text-align: center;">Not Applicable</p> E.g., the "go to top" arrow. In this case, we are solely relying on the shape of the image, therefore we don't comply with this requirement. A proposal would be to add a "Back to top" hover over text.	No automated TC
1.4.1 Use of Color (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.1.4.1 (Web) ● 10.1.4.1 (Non-web document) ● 11.1.4.1 (Open Functionality Software) ● 11.1.4.1 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Supported	Passed	Avoid-inline-spacing Link-in-text-block
1.4.2 Audio Control (Level A) Also applies to EN 301 549 Criteria: <ul style="list-style-type: none"> ● 9.1.4.2 (Web) 	N/A	<p style="text-align: center;">Not Applicable</p> For example: An audio file begins playing automatically	

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<ul style="list-style-type: none"> ● 10.1.4.2 (Non-web document) ● 11.1.4.2 (Open Functionality Software) ● 11.1.4.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		when a page is opened.	No-auto-audio
2.1.1 Keyboard (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.2.1.1 (Web) ● 10.2.1.1 (Non-web document) ● 11.2.1.1.1 (Open Functionality Software) ● 11.2.1.1.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Supported	Passed (The user can move between content using tab, esc and enter keys)	Frame-focusable-content Scrollable-region-focusable Server-side-image-map
2.1.2 No Keyboard Trap (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.2.1.2 (Web) ● 10.2.1.2 (Non-web document) ● 11.2.1.2 (Open Functionality Software) ● 11.2.1.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Supported	Passed (EX: On Home page when clicking on Login/Register button, the dialog appears, click on ESC key on keyboard , the dialog will be disappeared)	No automated TC
<ul style="list-style-type: none"> ● 2.1.4 Character Key Shortcuts (Level A 2.1 only) Also applies to: <ul style="list-style-type: none"> ● EN 301 549 Criteria ● 9.2.1.4 (Web) 	N/A	Not Applicable	No automated TC

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<ul style="list-style-type: none"> ● 10.2.1.4 (Non-web document) ● 11.2.1.4.1 (Open Functionality Software) ● 11.2.1.4.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 – Does not apply		(For example, "An application uses the single key shortcut S to bring up a search popup. There is no setting available to turn off or modify the shortcut).	
<p>2.2.1 Timing Adjustable (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.2.2.1 (Web) ● 10.2.2.1 (Non-web document) ● 11.2.2.1 (Open Functionality Software) ● 11.2.2.1 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	N/A	<p>Not Applicable</p> We don't limit the user by a time limit (e.g. a page has a listing of news headlines that automatically update every minute. At the top of the page is a link that turns off the updating.	Meta-refresh
<p>2.2.2 Pause, Stop, Hide (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.2.2.2 (Web) ● 10.2.2.2 (Non-web document) ● 11.2.2.2 (Open Functionality Software) ● 11.2.2.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) ● Revised Section 508 501 (Web)(Software) <ul style="list-style-type: none"> ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	N/A	<p>Not Applicable</p> We don't have content with blink (Animation) to draw the visitor's attention.	Marquee,blink
<p>2.3.1 Three Flashes or Below Threshold (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.2.3.1 (Web) 	N/A	Not applicable	

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<ul style="list-style-type: none"> ● 10.2.3.1 (Non-web document) ● 11.2.3.1 (Open Functionality Software) ● 11.2.3.1 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 			No automated TC
<p>2.4.1 Bypass Blocks (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.2.4.1 (Web) ● 10.2.4.1 (Non-web document) – Does not apply ● 11.2.4.1 (Open Functionality Software) – Does not apply ● 11.2.4.1 (Closed Software) – Does not apply ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 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 	Supported	<p>Passed</p> (ability to ignore the repeated material either by focusing on the center of the screen (where main content usually appears) or a mouse user's ability to select a link with a single mouse click rather than encountering every link or form control that comes before the item they want.)	Landmark-no-duplicate-main Landmark-unique Landmark-main Region Bypass Frame-title
<p>2.4.2 Page Titled (Level A)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.2.4.2 (Web) ● 10.2.4.2 (Non-web document) ● 11.2.4.2 (Open Functionality Software) - Does not apply ● 11.2.4.2 (Closed Software) – Does not apply ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Supported	Passed	Document-title

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<p>2.4.3 Focus Order (Level A) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.4.3 (Web) ● 10.2.4.3 (Non-web document) ● 11.2.4.3 (Open Functionality Software) ● 11.2.4.3 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Supported	Passed	No Automated TC
<p>2.4.4 Link Purpose (In Context) (Level A) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.4.4 (Web) ● 10.2.4.4 (Non-web document) ● 11.2.4.4 (Open Functionality Software) ● 11.2.4.4 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Supported	Passed (to help users understand the purpose of each link so they can decide whether they want to follow the link. Whenever possible, provide link text that identifies the purpose of the link without needing additional context)	link-name area-alt
<p>2.5.1 Pointer Gestures (Level A 2.1 only) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.5.1 (Web) ● 10.2.5.1 (Non-web document) ● 11.2.5.1 (Open Functionality Software) ● 11.2.5.1 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply.</p>	N/A	Not Applicable (we don't have the move to the top arrow)	No automated TC

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<p>2.5.2 Pointer Cancellation (Level A 2.1 only) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.5.2 (Web) ● 10.2.5.2 (Non-web document) ● 11.2.5.2 (Open Functionality Software) ● 11.2.5.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply.</p>	N/A	Not Applicable	No automated TC
<p>2.5.3 Label in Name (Level A 2.1 only) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.5.3 (Web) ● 10.2.5.3 (Non-web document) ● 11.2.5.3.1 (Open Functionality Software) ● 11.2.5.3.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>	Supported	<p style="text-align: center;">Passed</p> <p>(We have the description for aria-label or aria-labeledby such as aria-label= "Start new Search..." For users that use a screen reader and once hovering it should tell the user to "start a new search" for example)</p>	label-content-name-mis match
<p>2.5.4 Motion Actuation (Level A 2.1 only) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.2.5.4 (Web) ● 10.2.5.4 (Non-web document) ● 11.2.5.4 (Open Functionality Software) ● 11.2.5.4 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply.</p>	N/A	<p style="text-align: center;">Not Applicable</p> <p>We can't do interactions in the site like (tilting, shaking, or gesturing) to move between pages for example.</p>	No automated TC

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<p>3.1.1 Language of Page (Level A) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.1.1 (Web) ● 10.3.1.1 (Non-web document) ● 11.3.1.1.1 (Open Functionality Software) ● 11.3.1.1.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>N/A</p>	<p>Not Applicable All text and paragraphs are in English for ASCE.</p>	<p>Html-has-lang Html-lang-valid Html-xml-lang-mismatch</p>
<p>3.2.1 On Focus (Level A) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.2.1 (Web) ● 10.3.2.1 (Non-web document) ● 11.3.2.1 (Open Functionality Software) ● 11.3.2.1 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Supported</p>	<p>Passed (Eg: A dropdown menu on a page allows users to choose between jump destinations. If the person uses the keyboard to move down to a choice and activates it (with a spacebar or enter key))</p>	<p>No automated TC</p>
<p>3.2.2 On Input (Level A) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.2.2 (Web) ● 10.3.2.2 (Non-web document) ● 11.3.2.2 (Open Functionality Software) ● 11.3.2.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Supported</p>	<p>Passed</p>	<p>No automated TC</p>

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<p>3.3.1 Error Identification (Level A) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.3.1 (Web) ● 10.3.3.1 (Non-web document) ● 11.3.3.1.1 (Open Functionality Software) ● 11.3.3.1.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Not Supported	Not Supported	No automated TC
<p>3.3.2 Labels or Instructions (Level A) Also applies to: EN 301 549 Criteria</p> <p>9.3.3.2 (Web)</p> <ul style="list-style-type: none"> ● 10.3.3.2 (Non-web document) ● 11.3.3.2 (Open Functionality Software) ● 11.3.3.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Supported	Passed	Form-field-multiple-labels
<p>4.1.1 Parsing (Level A) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.4.1.1 (Web) ● 10.4.1.1 (Non-web document) ● 11.4.1.1.1 (Open Functionality Software) ● 11.4.1.1.2 (Closed Software) – Does not apply ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) 	Supported	<p style="text-align: center; vertical-align: middle;">Passed</p> <p>(Ensuring that Web pages have complete start and end tags and are nested according to specification helps ensure that assistive technologies can parse the content accurately and without crashing)</p>	Duplicate-id-area Duplicate-id-active , duplicate-id-aria , duplicate-id

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<ul style="list-style-type: none"> ● 602.3 (Support Docs) <p>4.1.2 Name, Role, Value (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.4.1.2 (Web) ● 10.4.1.2 (Non-web document) ● 11.4.1.2.1 (Open Functionality Software) ● 11.4.1.2.2 (Closed Software) – Not required ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	<p>Supported</p>	<p style="text-align: center;">Passed</p> <p>(Requires a programmatically determinable name for all user interface components. Names may be visible or invisible. Occasionally, the name must be visible, in which case it is identified as a label. Refer to the definition of name and label in the glossary for more information.)</p>	<p>Nested-interactive Aria-command-name Aria-valid-attr-value Aria-allowed-role</p>

WCAG 2.1 Success Criteria Level AA

Table 2

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<p>1.2.4 Captions (Live) (Level AA) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.2.4 (Web) ● 10.1.2.4 (Non-web document) ● 11.1.2.4 (Open Functionality Software) ● 11.1.2.4 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508 501 (Web)(Software)</p> <ul style="list-style-type: none"> ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	N/A	<p>Not Applicable (To apply to broadcast of synchronized media and is not intended to require that two-way multimedia calls between two or more individuals through web apps must be captioned regardless of the needs of users. Responsibility for providing captions would fall to the content providers (the callers) or the “host” caller, and not the application.)</p>	No automated TC
<p>1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.2.5 (Web) ● 10.1.2.5 (Non-web document) ● 11.1.2.5 (Open Functionality Software) ● 11.1.2.5 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) ● Revised Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	N/A	<p>Not Applicable (audio description augments the audio portion of the presentation with the information needed when the video portion is not available.)</p>	No Automated TC
<p>1.3.4 Orientation (Level AA 2.1 only) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.3.4 (Web) ● 10.1.3.4 (Non-web document) ● 11.1.3.4 (Open 	Supported	<p>Passed (to ensure that content displays in the orientation (portrait or landscape) preferred by the user)</p>	No Automated TC

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
Functionality Software) <ul style="list-style-type: none"> ● 11.1.3.4 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 – Does not apply			
1.3.5 Identify Input Purpose (Level AA 2.1 only) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.1.3.5 (Web) ● 10.1.3.5 (Non-web document) ● 11.1.3.5.1 (Open Functionality Software) ● 11.1.3.5.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Supported	Passed	No automated TC
1.4.3 Contrast (Minimum) (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.1.4.3 (Web) ● 10.1.4.3 (Non-web document) ● 11.1.4.3 (Open Functionality Software) ● 11.1.4.3 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Supported	— (Ensures the contrast between foreground and background colors meets WCAG 2 AA contrast ratio thresholds)	Color-contrast
1.4.4 Resize text (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.1.4.4 (Web) ● 10.1.4.4 (Non-web document) ● 11.1.4.4.1 (Open 	Supported	Passed	Meta-viewport

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
Functionality Software) <ul style="list-style-type: none"> ● 11.1.4.4.2 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		<p>(to enable people who require a particular visual presentation of text to be able to adjust the text presentation as needed.</p> <p>This includes people who require the text in a particular font size, foreground and background color, font family, line spacing or alignment)</p>	
<p>1.4.5 Images of Text (Level AA)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.1.4.5 (Web) ● 10.1.4.5 (Non-web document) ● 11.1.4.5.1 (Open Functionality Software) ● 11.1.4.5.2 (Closed Software) – Does not apply ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Not Supported	Not Supported	No automated TC
<p>1.4.10 Reflow (Level AA 2.1 only)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.1.4.10 (Web) ● 10.1.4.10 (Non-web document) ● 11.1.4.10 (Open Functionality Software) ● 11.1.4.10 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Partially Supported	<p>On most pages, users can zoom up to 400 without losing content.</p> <p>On PDF content, users can zoom up to 200 and content appears properly without the need to scroll horizontally. When users zoom in more, they need to scroll horizontally.</p>	No automated TC
<p>1.4.11 Non-text Contrast (Level AA 2.1 only)</p> Also applies to: EN 301 549 Criteria 9.1.4.11 (Web)	Partially supported	(Ex: search field and button on home page)	

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<ul style="list-style-type: none"> ● 10.1.4.11 (Non-web document) ● 11.1.4.11 (Open Functionality Software) ● 11.1.4.11 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 – Does not apply			No automated TC
<p>1.4.12 Text Spacing (Level AA 2.1 only) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.4.12 (Web) ● 10.1.4.12 (Non-web document) ● 11.1.4.12 (Open Functionality Software) ● 11.1.4.12 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 – Does not apply	Supported	Passed	Area-alt, aria-allowed-attr , aria-command-name , aria-hidden-body , aria-hidden-focus , aria-input-field-name , aria-required-attr , aria-roledescription , aria-roles , aria-toggle-field-name , aria-tooltip-name , aria-valid-attr-value , aria-valid-attr , button-name , frame-title , input-button-name , label , link-name , nested-interactive , select-name , avoid-inline-spacing
<p>1.4.13 Content on Hover or Focus (Level AA 2.1 only) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.1.4.13 (Web) ● 10.1.4.13 (Non-web document) ● 11.1.4.13 (Open Functionality Software) ● 11.1.4.13 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 – Does	Supported	Passed	No automated TC

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
not apply			
2.4.5 Multiple Ways (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.2.4.5 (Web) ● 10.2.4.5 (Non-web document) – Does not apply ● 11.2.4.5 (Open Functionality Software) – Does not apply ● 11.2.4.5 (Closed Software) – Does not apply ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 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 	Supported	Passed	No automated TC
2.4.6 Headings and Labels (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.2.4.6 (Web) ● 10.2.4.6 (Non-web document) ● 11.2.4.6 (Open Functionality Software) ● 11.2.4.6 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) ● Revised Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Supported	Passed	No automated TC
2.4.7 Focus Visible (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.2.4.7 (Web) ● 10.2.4.7 (Non-web document) 	Not Supported	Not Supported	

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<ul style="list-style-type: none"> ● 11.2.4.7 (Open Functionality Software) ● 11.2.4.7 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 			No automated TC
<p>3.1.2 Language of Parts (Level AA)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.3.1.2 (Web) ● 10.3.1.2 (Non-web document) ● 11.3.1.2 (Open Functionality Software) – Does not apply ● 11.3.1.2 (Closed Software) – Does not apply ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	N/A	Not Applicable	No automated TC
<p>3.2.3 Consistent Navigation (Level AA)</p> Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> ● 9.3.2.3 (Web) ● 10.3.2.3 (Non-web document) – Does not apply ● 11.3.2.3 (Open Functionality Software) – Does not apply ● 11.3.2.3 (Closed Software) – Does not apply ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) Revised Section 508	Supported	Passed	No Automated TC

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<ul style="list-style-type: none"> ● 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 			
<p>3.2.4 Consistent Identification (Level AA) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.2.4 (Web) ● 10.3.2.4 (Non-web document) – Does not apply ● 11.3.2.4 (Open Functionality Software) – Does not apply ● 11.3.2.4 (Closed Software) – Does not apply ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 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 	Supported	Passed	No automated TC
<p>3.3.3 Error Suggestion (Level AA) Also applies to: EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.3.3 (Web) ● 10.3.3.3 (Non-web document) ● 11.3.3.3 (Open Functionality Software) ● 11.3.3.3 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) 	Not Supported	Not Supported	No automated TC

Criteria	Conformance Level	Remarks and Explanations	Test Case ID
<ul style="list-style-type: none"> ● 602.3 (Support Docs) <p>3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.3.3.4 (Web) ● 10.3.3.4 (Non-web document) ● 11.3.3.4 (Open Functionality Software) ● 11.3.3.4 (Closed Software) ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Not Supported	Not Supported No financial transactions are conducted on this website.	No automated TC
<p>4.1.3 Status Messages (Level AA 2.1 only)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> ● 9.4.1.3 (Web) ● 10.4.1.3 (Non-web document) ● 11.4.1.3 (Open Functionality Software) ● 11.4.1.3 (Closed Software) – Does not apply ● 11.8.2 (Authoring Tool) ● 12.1.2 (Product Docs) ● 12.2.4 (Support Docs) <p>Revised Section 508 – Does not apply</p>	Not Supported	Not Supported	No automated TC

Legal Disclaimer

This document shows the accessibility status of <https://ascelibrary.org/> after testing the following pages against the above criteria:

1. Home Page: <https://ascelibrary.org/>
2. Article Page: <https://ascelibrary.org/doi/10.1061/JAEEZ.ASENG-5016>
3. Search Result Page: <https://ascelibrary.org/action/doSearch?AllField=test&SeriesKey=jaeetz>
4. TOC Page: <https://ascelibrary.org/toc/jaeied/28/3>
5. LOI Page: <https://ascelibrary.org/loi/jaeied>
6. Book Page: <https://ascelibrary.org/doi/book/10.1061/9780784484715>
7. Chapter Page: <https://ascelibrary.org/doi/10.1061/9780784484579.ch1>
8. Rights and Permissions page: <https://ascelibrary.org/author-center/rights-permissions>
9. Subscriptions page: <https://ascelibrary.org/page/subscribetoascelibrarypackages>