Ansys Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: Ansys Fluent Solution Workspace 2024 R2

Report Date: August 6, 2024

Product Description: Engineering Simulation Software that accelerates product design, creation and optimization. Ansys Fluent is industry-leading fluids simulation software known for its advanced physics modeling capabilities.

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Notes:

"Voluntary Product Accessibility Template" and "VPAT" are registered service marks of the Information Technology Industry Council (ITI)

Page **1** of **11**

Evaluation Methods Used: Testing was conducted based upon general knowledge of Ansys employees familiar with the product, who used assistive technologies to complete this report.

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)
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

Notes:

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)	Software: Supports	Software: Icons in the Fluent UI have associated text that appears in tooltips when hovering over the icon.
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)	Software: Not Applicable	
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Not Applicable	
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)	Software: Not Applicable	
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)	Software: Supports	Software: For information that is presented hierarchically on the screen, that hierarchy is preserved when a screen reader is used. There is no textual formatting within the Fluent UI.
1.3.2 Meaningful Sequence (Level A)	Software: Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		
1.3.3 Sensory Characteristics (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Not Applicable	
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)	Software: Supports	Software: The software does not rely on color as the sole means of conveying information. Postprocessing objects use color to indicate the magnitude of results. Numerical values are also provided to indicate magnitude.
1.4.2 Audio Control (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Not Applicable	
2.1.1 Keyboard (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: When running Fluent in '-g' mode (without the GUI or graphics), no special timing is required for keyboard inputs and no mouse cursor inputs are required.
2.1.2 No Keyboard Trap (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Software: Supports	Software: The Fluent UI does not trap the focus in any particular area of the screen.

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		
2.2.1 Timing Adjustable (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: The time that the Fluent UI may remain idle without timing out is adjustable and it can be disabled so the application will not timeout.
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)	Software: Supports	Software: There are no moving, blinking, scrolling, or auto-updating components of the Mechanical UI, unless you are viewing results or solution information in real time, which is not a required way of using the Fluent UI.
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)	Software: Not Applicable	
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	Software: Not Applicable	
2.4.2 Page Titled (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: The Fluent UI has titles for each area that provide context to assist with the expected inputs.
2.4.3 Focus Order (Level A) Also applies to: Revised Section 508	Software: Supports	Software: The Fluent UI follows the standard Western convention of moving left to right and top to bottom.

Criteria	Conformance Level	Remarks and Explanations
• 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		
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)	Software: Not Applicable	Software: Links on the Start Page point to documentation and videos that may not provide adequate descriptions for the visually impaired. However, but not required to run the software.
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)	Software: Partially Supports	Software: The Fluent UI can be translated to Chinese, Japanese, or Korean. However, not all aspects of the interface are translated into the specified language.
3.2.1 On Focus (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: When something gains focus in the Fluent UI, there is no context switching.
3.2.2 On Input (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: There is no unexpected context switching or unexpected behavior when entering information into the Fluent UI.
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: Errors identified using color also have accompanying text. The remaining errors are printed, either in the Console or in dialog boxes.
3.3.2 Labels or Instructions (Level A)	Software: Supports	Software: Fields in the Fluent UI that require user input

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)		are labeled.
4.1.1 Parsing (Level A) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Software: Not Applicable	
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)	Software: Partially Supports	Software: The Fluent UI provides names for user interface components that are partially compatible with assistive technology. Some fields are fully recognized but auditory assistance tools do not pick up all context such as group box labels. Auditory assistance tools may read the Console output, but only starting from the beginning, when the desired output is at the end. The tools and guidance provided by Fluent for creating custom interfaces are supportive of clear name, role, and value when used properly.

Table 2: Success Criteria, Level AA

Notes:

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)	Software: Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
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)	Software: Not Applicable	
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: The text and images in the Fluent UI use colors that provide good contrast as checked using the following web site: https://app.contrast-finder.org/?lang=en. Dark theme provides the best contrast. In addition, you can change colors of the graphics objects, and the color of the graphics window background if there is a need for more contrast.
1.4.4 Resize text (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: Application font size is controlled using Preferences. This setting is applied to text in the Ribbon, Outline View tree, Console, Task Pages, dialog boxes, and tooltips.
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)	Software: Partially Supports	Software: The 'titles' functionality, Ansys logo, and tooltips appear as images and are not read by Microsoft narrator.
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	Software: Not Applicable	
2.4.6 Headings and Labels (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software)	Software: Supports	Software: Headings and labels in the Fluent UI describe the topic or purpose of the window panel or item.

Criteria	Conformance Level	Remarks and Explanations
• 504.2 (Authoring Tool) • 602.3 (Support Docs)		
2.4.7 Focus Visible (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: As focus moves to different elements in the UI, they are either highlighted or indicated with a carat.
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)	Software: Partially Supports	Software: The Fluent UI may be translated into Chinese, Japanese, or Korean using an environment variable. However, not all of the user facing text or messaging is translated.
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	Software: Not Applicable	
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	Software: Not Applicable	
3.3.3 Error Suggestion (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	Software: The Fluent UI generates text-based error messages that attempt to help the user determined how to correct an input error when possible.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to:	Software: Supports	Software: The Fluent UI does not cause legal commitments or financial transactions to occur.

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		

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