Ansys Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: Ansys Electronics Premium Icepak 2022 R2

Report Date: August 2022

Product Description: Engineering Simulation Software

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Notes: This document evaluates conformance for Icepak software only. The standalone product is referred to as Icepak Classic, while the version accessed from Ansys Electronics Desktop is referred to as AEDT Icepak.

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: Partially Supports	All icons in AEDT Icepak have text alternatives. Components in the design area also have text alternatives. Progress bar can be expanded to show text percentages. Reports and plots can be outputted in text formats. Field Overlays rely on images. All icons in Classic Icepak have text alternatives. The Project Tree contains text alternatives for design components. Progress bars that appear during simulation have text alternatives.
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: Supports	There are no audio-only or video-only components in AEDT Icepak or Classic Icepak.
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: Supports	There is no prerecorded video content in AEDT Icepak or Classic Icepak.
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: Supports	There is no time-based media in AEDT Icepak or Classic Icepak.

Criteria	Conformance Level	Remarks and Explanations
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: Partially Supports	Hierarchical information in AEDT Icepak (for example, the Project Manager and History trees) is preserved when a screen reader is used. Classic Icepak does not function with a screen reader.
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	None of the content in AEDT Icepak or Classic Icepak is sequential.
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: Partially Supports	In AEDT Icepak, some field overlay information (such as Heat Flow) is presented using only shape and color. In Classic Icepak, some information (such as Heat Flow) is presented using only shape and color.
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: Partially Supports	In AEDT Icepak, some field overlay information (such as Temperature) is presented using only color. In Classic Icepak, the temperature legend and some plots in the Graphics window present information using only color.
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: Supports	There is no audio that automatically plays in AEDT Icepak or Classic Icepak.
2.1.1 Keyboard (Level A) Also applies to: Revised Section 508	Software: Does Not Support	AEDT Icepak and Classic Icepak cannot be operated using only a keyboard.

Criteria	Conformance Level	Remarks and Explanations
501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)		
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)	Software: Does Not Support	In AEDT Icepak and Classic Icepak, users cannot navigate from one window (Project Manager, Messages, Properties, etc.) to another using tab and arrow keys, nor is any other method of doing so outlined by the software.
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	There are no time limits in AEDT Icepak or Classic Icepak.
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	All automatically updating content in AEDT Icepak can be hidden (for example, the Messages window and Real Time Mode for updating plots). Animated plots can be paused or stopped. Classic Icepak contains no automatically updating 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)	Software: Supports	There is no flashing content in AEDT Icepak or Classic Icepak.
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)	Software: Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs) – Does not apply to non-web docs		
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: Does Not Support	Summary reports from Classic Icepak do not have valid HTML titles.
2.4.3 Focus Order (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Supports	There is no sequential content in AEDT Icepak or Classic Icepak.
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: Supports	Web links in AEDT Icepak and Classic Icepak (under the Help menu, for example) provide context.
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: Does Not Support	Summary reports from Classic Icepak do not define 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	AEDT Icepak and Classic Icepak contain no elements that change context on focus.

Criteria	Conformance Level	Remarks and Explanations
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	AEDT Icepak and Classic Icepak contain no context switching or unexpected behavior on user input. Forms are not automatically submitted, and windows do not launch without context/warning.
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	AEDT Icepak identifies errors either in pop-up windows or in the Message Manager window. Classic Icepak identifies errors either in pop-up windows or in the Message window.
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)	Software: Supports	Fields requiring user input are labeled, in both AEDT Icepak and Classic Icepak.
4.1.1 Parsing (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Does Not Support	In Classic Icepak, HTML summary reports are not valid or parsable.
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	AEDT Icepak user interface controls are compatible with assistive technology. Classic Icepak is not compatible with assistive technology.

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: Supports	There is no live audio content in AEDT Icepak or Classic Icepak.
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: Supports	There is no video content in AEDT Icepak or Classic Icepak.
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: Partially Supports	In AEDT Icepak, several graphics do not meet contrast requirements. The modeling workspace grid (#C3C3DE) only has a contrast ratio of 1.72:1 with the background (#FFFFFF). The text of grayed out ribbon items (#8C8C8C) only has a contrast ratio of 2.93:1 with the ribbon background (#EFEFF2). Different color schemes can be selected, but they do not improve the contrast ratios. In Classic Icepak, the color of all components and the background gradient can be changed. Menus and graphics meet contrast requirements.
1.4.4 Resize text (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Software: Supports	Text size can be increased using embedded OS Microsoft Windows assistive technologies.

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		
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: Supports	In AEDT Icepak and Classic Icepak, no essential text appears in images only.
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) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Not Applicable	
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	In both AEDT Icepak and Classic Icepak, active text fields are indicated by a character. When buttons become active, they are highlighted. When table contents are active, they are either highlighted or outlined.
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: Does Not Support	The 'lang' attribute is not set for HTML reports.
3.2.3 Consistent Navigation (Level AA)	Software: Not Applicable	

Criteria	Conformance Level	Remarks and Explanations

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		

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	When an input error occurs, both AEDT Icepak and Classic Icepak suggest ways for users to correct the error.

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)
	Software: Supports	AEDT Icepak and Classic Icepak contain no legal or financial data, and have no irreversible data deletion actions.

Table 3: Success Criteria, Level AAA

Notes: Not evaluated. The product has not been evaluated for WCAG 2.0 Level AAA conformance.

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Notes: N/A

Chapter 3: Functional Performance Criteria (FPC)

Notes: Not evaluated. The requirements of this section are not relevant to the product for conformance.

Chapter 4: Hardware

Notes: Not evaluated. The product is a software application and is not subject to the requirements of this section.

Chapter 5: Software

Notes: Not evaluated. The requirements of this section are not relevant to the product for conformance.

Chapter 6: Support Documentation and Services

Notes: Not evaluated. The requirements of this section are not relevant to the product for conformance.

Legal Disclaimer (Company)