Ansys Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: Ansys Electronics Premium Q3D Extractor 2024 R2

Report Date: August 2024

Product Description: Engineering Simulation Software

Contact Information: vpat@ansys.com

Notes: This document evaluates conformance for Q3D Extractor software only.

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)

Standard/Guideline	Included In Report
	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 Q3D Extractor have a text alternative. 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.
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 Q3D Extractor.
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 Q3D Extractor.
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 Q3D Extractor.
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	Hierarchical information in Q3D Extractor (for example, the Project Manager and History trees) is preserved when a screen reader is used.
1.3.2 Meaningful Sequence (Level A)	Software: Supports	None of the content in Q3D Extractor is sequential.

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: Partially Supports	In Q3D Extractor, some field overlay information (such as current 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 Q3D Extractor, some field overlay information (such as E fields volts per meter) is presented 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 Q3D Extractor.
2.1.1 Keyboard (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Software: Does Not Support	Q3D Extractor cannot be operated using only a keyboard.
2.1.2 No Keyboard Trap (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Software: Does Not Support	In Q3D Extractor, 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.

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	There are no time limits in Q3D Extractor.
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 Q3D Extractor can be hidden (for example, the Messages window). Animated plots can be paused or stopped.
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 Q3D Extractor.
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: Not Applicable	
2.4.3 Focus Order (Level A) Also applies to: Revised Section 508	Software: Supports	There is no sequential content in Q3D Extractor.

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: Supports	Web links in Q3D Extractor (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: Not Applicable	
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	Q3D Extractor contains no elements that change context on 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)	Software: Supports	Q3D Extractor contains 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	Q3D Extractor identifies errors either in pop-up windows or in the Message Manager window.
3.3.2 Labels or Instructions (Level A)	Software: Supports	Fields requiring user input are labeled.

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs)		
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: Supports	User interface controls are 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 Q3D Extractor.
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508 501 (Web)(Software) 504.2 (Authoring Tool)	Software: Supports	There is no video content in Q3D Extractor.

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		
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: Does Not Support	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.
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	Text size can be increased using embedded OS Microsoft Windows assistive technologies.
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 Q3D Extractor, no essential text is 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:	Software: Supports	When text fields become active, a character appears in them. When buttons become active, they are

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		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: Not Applicable	
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	When an input error occurs, Q3D Extractor suggests 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	Q3D Extractor contains no legal or financial data, and has 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.

Revised Section 508 Report

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)

If you have questions or believe that an element is stated incorrectly or incompletely, please contact VPAT@ansys.com.