

COMSOL Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: COMSOL Multiphysics® Version 6.0 (released December 14, 2021)

Report Date: December 14, 2021

Product Description: CAE Software

Contact Information: license@comsol.com

Notes: N/A

Evaluation Methods Used: General knowledge of product

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: The software is a desktop application available for the Windows, Linux, and macOS operating systems.

Criteria	Conformance Level	Remarks and Explanations
<p>1.1.1 Non-text Content (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Not Applicable Electronic Docs: Partially Supports Software: Partially Supports Authoring Tool: Not Applicable</p>	<p>Electronic Docs: Some images have captions and labels that complement the image contents. User interface screenshots are explained in the text.</p> <p>Software: The COMSOL Multiphysics software supports Windows keyboard keys, such as Ctrl+Tab for moving through most panels, Tab/arrow keys for moving through controls within a panel, Space for clicking a button. COMSOL Multiphysics provides keyboard short-cuts (Alt or Shift+F10) for opening context menus. The context menus include most executable commands. The software provides keyboard short-cut keys for frequently used commands. Results from performing some functions are recorded in text-based panels. Some functions, such as 3D modeling, require mouse inputs for performing.</p>
<p>1.2.1 Audio-only and Video-only (Prerecorded) (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Applicable</p>	<p>Electronic Docs: The electronic documentation does not use audio or video.</p> <p>Software: COMSOL Multiphysics is not a video and multi-media product.</p>
<p>1.2.2 Captions (Prerecorded) (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Applicable</p>	<p>Electronic Docs: The electronic documentation does not use audio or video.</p> <p>Software: COMSOL Multiphysics is not a video and multi-media product.</p>
<p>1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) 	<p>Not Applicable</p>	<p>Electronic Docs: The electronic documentation does not use audio or video.</p> <p>Software: COMSOL Multiphysics is not a video and multi-media product.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		
<p>1.3.1 Info and Relationships (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Not Applicable Electronic Docs: Partially Supports Software: Partially Supports Authoring Tool: Not Applicable</p>	<p>Electronic Docs: All documentation is available in text form as PDF and/or HTML. Pictures have captions but cannot fully convey the information content in computer graphics.</p> <p>Software: The software includes a report generator for providing a comprehensive summary of a simulation on Microsoft Word®, Microsoft PowerPoint®, or HTML format.</p>
<p>1.3.2 Meaningful Sequence (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Not Applicable Electronic Docs: Partially Supports Software: Partially Supports Authoring Tool: Not Applicable</p>	<p>Electronic Docs: All documentation is available in text form as PDF and/or HTML. PDF files are divided into sections and have page numbers.</p> <p>Software: The software includes a report generator for providing a comprehensive summary of a simulation on Microsoft Word®, Microsoft PowerPoint®, or HTML format. The reports have default section numbers that approximately represent the sequence in which a simulation model is defined. It is not always possible to define a simulation model in a linear sequence.</p>
<p>1.3.3 Sensory Characteristics (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable</p>	<p>Software: The software relies heavily on 1D, 2D, and 3D computer graphics and certain inputs and outputs are inherently dependent on shape, size, visual location, and orientation. However, the software does provide an application programming interface (API) that provides an alternative means of input that does not rely on shape, size, visual location, or orientation. The previously described report functionality, supplemented with text-based export capabilities, provides alternative means for analyzing output data without relying on shape, size, visual location, or orientation.</p>
<p>1.4.1 Use of Color (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable</p>	<p>Software: Texts are commonly used for conveying information, indicating actions, prompting responses and distinguishing visual elements in the software. When color coding is used for conveying information, the same information can also be visualized as, for example, tooltips, in gray scale and/or wireframes as</p>

Criteria	Conformance Level	Remarks and Explanations
		well as color scales adapted to users with color vision deficiencies.
<p>1.4.2 Audio Control (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable</p>	<p>Software: Although a user can use the software to generate audio or audio files, the software does not use audio for its function.</p>
<p>2.1.1 Keyboard (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable</p>	<p>Software: The software does not require specific timings for individual keystrokes.</p>
<p>2.1.2 No Keyboard Trap (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable</p>	<p>Software: The software provides clear indication of the current focused control and the states of all controls, e.g. highlights control when mouse over, highlight controls with an alternative color when checked or selected.</p> <p>In Windows, the ribbon tabs have clear focus indication but are not programmatically exposed for Assistive Technology. Not all aspects of 1D, 2D, and 3D graphics can be controlled by keyboard.</p>
<p>2.2.1 Timing Adjustable (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable</p>	<p>Software: No time-limits are used by the software. However, solver convergence plots can be interrupted by clicking a Stop button which will only be visible for a period of time that depends on the hardware.</p>
<p>2.2.2 Pause, Stop, Hide (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable</p>	<p>Software: Certain solver operations are hardware-dependent with real time updates of convergence information. Not all such content can be paused or recorded. No flashing visual cues are used.</p>
<p>2.3.1 Three Flashes or Below Threshold (Level A)</p>	<p>Web: Not Applicable</p>	<p>Software: No flashing visual cues are used.</p>

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	
<u>2.4.1 Bypass Blocks</u> (Level A) Also applies to: 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 	Not Applicable	Not Applicable
<u>2.4.2 Page Titled</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable	Not Applicable
<u>2.4.3 Focus Order</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable	Not Applicable
<u>2.4.4 Link Purpose (In Context)</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	Hyperlinks are not an essential part of the software. However, certain legal texts are accessible via links. Such legal texts are also available on text or PDF formats.
<u>3.1.1 Language of Page</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable	Not Applicable
<u>3.2.1 On Focus</u> (Level A) Also applies to:	Web: Not Applicable Electronic Docs: Not	Software: Software highlights parts of CAD geometry depending on location of mouse pointer. This

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Applicable Software: Partially Supports Authoring Tool: Not Applicable	highlighting mechanism is used as a cue for mouse left-click to select a portion of a CAD geometry. However, a list of CAD geometry entities are available to select by keyboard.
3.2.2 On Input (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Web: Not Applicable Electronic Docs: Not Applicable Software: Does Not Support Authoring Tool: Not Applicable	Software: It is a major function of the software that changing the setting of a user interface component changes the context.
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	Software: Errors are most commonly indicated with a text in a dialog box. However, some errors show up as an indicator in a tree.
3.3.2 Labels or Instructions (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	Software: Labels, including tooltips, and instructions are available for all features. When this is not sufficient, context help is available by clicking a question mark icon in the user interface.
4.1.1 Parsing (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable	Not Applicable
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	The software provides an application programming interface (API) that provides an alternative means of input to access and set values and properties.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.2.4 Captions (Live)</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable	Not Applicable
<p><u>1.2.5 Audio Description (Prerecorded)</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable	Not Applicable
<p><u>1.4.3 Contrast (Minimum)</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Not Applicable</p> <p>Electronic Docs: Partially Supports</p> <p>Software: Partially Supports</p> <p>Authoring Tool: Not Applicable</p>	<p>Electronic Docs: The documentation is available in HTML and PDF form and inherits the contrast functionality available in web browsers and PDF readers.</p> <p>Software: The software supports different color themes including normal, light, and dark theme. Users can change the color settings of the visual output, visualizations of computational results. The changed settings can be saved in the application file.</p>
<p><u>1.4.4 Resize text</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Not Applicable</p> <p>Electronic Docs: Partially Supports</p> <p>Software: Partially Supports</p> <p>Authoring Tool: Not Applicable</p>	<p>Electronic Docs: The documentation is available in HTML and PDF form and inherits the text scaling functionality available in web browsers and PDF readers.</p> <p>Software: Microsoft Magnifier works well in COMSOL Multiphysics. The Windows scaling setting “Make everything bigger” works well.</p>
<p><u>1.4.5 Images of Text</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p>	<p>Web: Not Applicable</p> <p>Electronic Docs: Not Applicable</p>	<p>Software: Most text user interface components are displayed as texts, rather than images in COMSOL Multiphysics. Equations and texts displayed in the</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Software: Partially Supports Authoring Tool: Not Applicable	graphics area are displayed as images. However, users can set the font family and font size for those image-based texts after which they are auto-regenerated.
2.4.5 Multiple Ways (Level AA) Also applies to: 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 	Not Applicable	Not Applicable
2.4.6 Headings and Labels (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Not Applicable Electronic Docs: Not Applicable Software: Supports Authoring Tool: Not Applicable	Software: Headings and labels, including tooltips, are used consistently throughout the software.
2.4.7 Focus Visible (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	Software: The software provides clear indication of the current focused control and the states of all controls, e.g. highlights controls when mouse over, highlight controls with an alternative color when checked or selected. The ribbon tabs have clear focus indication but are not programmatically exposed for Assistive Technology. The software supports Windows keyboard keys, such as Ctrl+Tab for moving through most panels, Tab/arrow keys for moving through controls within a panel, Space for clicking a button. The software provides keyboard short-cuts (Alt or Shift+F10) for opening context menus. The context menus include most executable commands. The software provides keyboard short-cut keys for frequently used commands. Results from performing some functions are recorded in text-based panels. Some functions, such as 3D modeling, require mouse inputs.
3.1.2 Language of Parts (Level AA) Also applies to: Revised Section 508	Not Applicable	Not Applicable

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		
<p>3.2.3 Consistent Navigation (Level AA)</p> <p>Also applies to: 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 	Not Applicable	Not Applicable
<p>3.2.4 Consistent Identification (Level AA)</p> <p>Also applies to: 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 	Not Applicable	Not Applicable
<p>3.3.3 Error Suggestion (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Not Applicable Electronic Docs: Not Applicable Software: Partially Supports Authoring Tool: Not Applicable	Software: Some text fields have tooltips that give information on the reason of errors.
<p>3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Not Applicable	Not Applicable

Table 3: Success Criteria, Level AAA

Notes: This section is not applicable. The software is not a web application.

Criteria	Conformance Level	Remarks and Explanations
<p>1.2.6 Sign Language (Prerecorded) (Level AAA)</p> <p>Revised Section 508 – Does not apply</p>	Web:	Web:
<p>1.2.7 Extended Audio Description (Prerecorded) (Level AAA)</p>	Web:	Web:

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 – Does not apply		
1.2.8 Media Alternative (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
1.2.9 Audio-only (Live) (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
1.4.6 Contrast (Enhanced) (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
1.4.7 Low or No Background Audio (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
1.4.8 Visual Presentation (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
1.4.9 Images of Text (No Exception) (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
2.1.3 Keyboard (No Exception) (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
2.2.3 No Timing (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
2.2.4 Interruptions (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
2.2.5 Re-authenticating (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
2.3.2 Three Flashes (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
2.4.8 Location (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
2.4.9 Link Purpose (Link Only) (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
2.4.10 Section Headings (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
3.1.3 Unusual Words (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
3.1.4 Abbreviations (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
3.1.5 Reading Level (Level AAA) Revised Section 508 – Does not apply	Web:	Web:
3.1.6 Pronunciation (Level AAA)	Web:	Web:

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 – Does not apply		
3.2.5 Change on Request (Level AAA)		
Revised Section 508 – Does not apply	Web:	Web:
3.3.5 Help (Level AAA)		
Revised Section 508 – Does not apply	Web:	Web:
3.3.6 Error Prevention (All) (Level AAA)		
Revised Section 508 – Does not apply	Web:	Web:

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Chapter 3: [Functional Performance Criteria \(FPC\)](#)

Notes: The software is a computer aided engineering (CAE) software.

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does Not Support	The software is a computer aided engineering (CAE) software that requires interaction with 1D, 2D, or 3D graphics both for inputs and for results which is frequently presented in graphics format.
302.2 With Limited Vision	Partially Supports	The software supports some Microsoft Windows accessibility features such as the Magnifier and scaling. In addition, the software supports different color themes including normal, light, and dark theme.
302.3 Without Perception of Color	Supports	When color coding is used for conveying information, the information can also be visualized as, for example, tooltips, in gray scale and/or wireframes as well as color scales adapted to users with color vision deficiencies.
302.4 Without Hearing	Supports	The software does not require audio for its use.
302.5 With Limited Hearing	Supports	The software does not require audio for its use.
302.6 Without Speech	Supports	The software does not require speech for its use.
302.7 With Limited Manipulation	Supports	The software supports input by mouse, keyboard, 3D mouse, touch pad, and stylus pen.
302.8 With Limited Reach and Strength	Supports	The software supports input by mouse,

Criteria	Conformance Level	Remarks and Explanations
		keyboard, 3D mouse, touch pad, and stylus pen.
302.9 With Limited Language, Cognitive, and Learning Abilities	Does Not Support	The software does not include tools to aid users with limited language, cognitive, and learning abilities.

Chapter 4: [Hardware](#)

Notes: The ICT is a software which works on standard hardware running in the Windows, Linux, and macOS operating systems. No specialized hardware is provided or required with the software which is therefore not subject to the requirements of this section.

Criteria	Conformance Level	Remarks and Explanations
402 Closed Functionality	Heading cell – no response required	Heading cell – no response required
402.1 General	Heading cell – no response required	Heading cell – no response required
402.2 Speech-Output Enabled	Heading cell – no response required	Heading cell – no response required
402.2.1 Information Displayed On-Screen		
402.2.2 Transactional Outputs		
402.2.3 Speech Delivery Type and Coordination		
402.2.4 User Control		
402.2.5 Braille Instructions		
402.3 Volume	Heading cell – no response required	Heading cell – no response required
402.3.1 Private Listening		
402.3.2 Non-private Listening		
402.4 Characters on Display Screens		
402.5 Characters on Variable Message Signs		
403 Biometrics	Heading cell – no response required	Heading cell – no response required
403.1 General		
404 Preservation of Information Provided for Accessibility	Heading cell – no response required	Heading cell – no response required
404.1 General		
405 Privacy	Heading cell – no response required	Heading cell – no response required
405.1 General		
406 Standard Connections	Heading cell – no response required	Heading cell – no response required
406.1 General		
407 Operable Parts	Heading cell – no response required	Heading cell – no response required
407.2 Contrast		

Criteria	Conformance Level	Remarks and Explanations
<i>407.3 Input Controls</i>	Heading cell – no response required	Heading cell – no response required
407.3.1 Tactilely Discernible		
407.3.2 Alphabetic Keys		
407.3.3 Numeric Keys		
407.4 Key Repeat		
407.5 Timed Response		
407.6 Operation		
407.7 Tickets, Fare Cards, and Keycards		
<i>407.8 Reach Height and Depth</i>	Heading cell – no response required	Heading cell – no response required
407.8.1 Vertical Reference Plane		
407.8.1.1 Vertical Plane for Side Reach		
407.8.1.2 Vertical Plane for Forward Reach		
407.8.2 Side Reach		
407.8.2.1 Unobstructed Side Reach		
407.8.2.2 Obstructed Side Reach		
407.8.3 Forward Reach		
407.8.3.1 Unobstructed Forward Reach		
407.8.3.2 Obstructed Forward Reach		
407.8.3.2.1 Operable Part Height for ICT with Obstructed Forward Reach		
407.8.3.2.2 Knee and Toe Space under ICT with Obstructed Forward Reach		
<i>408 Display Screens</i>	Heading cell – no response required	Heading cell – no response required
408.2 Visibility		
408.3 Flashing		
<i>409 Status Indicators</i>	Heading cell – no response required	Heading cell – no response required
409.1 General		
<i>410 Color Coding</i>	Heading cell – no response required	Heading cell – no response required
410.1 General		
<i>411 Audible Signals</i>	Heading cell – no response required	Heading cell – no response required
411.1 General		
<i>412 ICT with Two-Way Voice Communication</i>	Heading cell – no response required	Heading cell – no response required
<i>412.2 Volume Gain</i>	Heading cell – no response required	Heading cell – no response required
412.2.1 Volume Gain for Wireline Telephones		
412.2.2 Volume Gain for Non-Wireline ICT		

Criteria	Conformance Level	Remarks and Explanations
412.3 Interference Reduction and Magnetic Coupling	Heading cell – no response required	Heading cell – no response required
412.3.1 Wireless Handsets		
412.3.2 Wireline Handsets		
412.4 Digital Encoding of Speech		
412.5 Real-Time Text Functionality	Reserved for future	Reserved for future
412.6 Caller ID		
412.7 Video Communication		
412.8 Legacy TTY Support	Heading cell – no response required	Heading cell – no response required
412.8.1 TTY Connectability		
412.8.2 Voice and Hearing Carry Over		
412.8.3 Signal Compatibility		
412.8.4 Voice Mail and Other Messaging Systems		
413 Closed Caption Processing Technologies	Heading cell – no response required	Heading cell – no response required
413.1.1 Decoding and Display of Closed Captions		
413.1.2 Pass-Through of Closed Caption Data		
414 Audio Description Processing Technologies	Heading cell – no response required	Heading cell – no response required
414.1.1 Digital Television Tuners		
414.1.2 Other ICT		
415 User Controls for Captions and Audio Descriptions	Heading cell – no response required	Heading cell – no response required
415.1.1 Caption Controls		
415.1.2 Audio Description Controls		

Chapter 5: [Software](#)

Notes: The software is a computer aided engineering (CAE) software).

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.0 section	See information in WCAG 2.0 section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Not Applicable	The software is not a platform software.
502.2.2 No Disruption of Accessibility Features	Partially Supports	Microsoft Magnifier works well in COMSOL Multiphysics. The Windows scaling setting “Make everything bigger” works well.
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Partially Supports	The software provides an application programming interface (API) that provides

Criteria	Conformance Level	Remarks and Explanations
		an alternative means of input to access and set values and properties.
502.3.2 Modification of Object Information	Partially Supports	The software provides an application programming interface (API) that provides an alternative means of input to access and set values and properties.
502.3.3 Row, Column, and Headers	Partially Supports	Most data entities are numerical in nature (double precision numbers). Such values can be accessed by the application programming interface (API).
502.3.4 Values	Partially Supports	The software provides an application programming interface (API) that provides an alternative means of input to access and set values and properties.
502.3.5 Modification of Values	Partially Supports	The software provides an application programming interface (API) that provides an alternative means of input to access and set values and properties.
502.3.6 Label Relationships	Partially Supports	The software provides an application programming interface (API) that provides an alternative means of input to access and set values and properties.
502.3.7 Hierarchical Relationships	Partially Supports	The application programming interface (API) that provides an alternative means of input to access and set values and properties. This includes aspects of the software that is object oriented with parent-child relationships.
502.3.8 Text	Partially Supports	Interactive text strings can be accessed and set by the application programming interface (API).
502.3.9 Modification of Text	Partially Supports	Interactive text strings can be accessed and set by the application programming interface (API).
502.3.10 List of Actions	Partially Supports	This is supported to the extent it is supported by the application programming interface (API).

Criteria	Conformance Level	Remarks and Explanations
502.3.11 Actions on Objects	Partially Supports	This is supported to the extent it is supported by the application programming interface (API).
502.3.12 Focus Cursor	Partially Supports	In Windows, the ribbon tabs have clear focus indication but are not programmatically exposed for Assistive Technology. The cursor location in the graphics window is not accessible.
502.3.13 Modification of Focus Cursor	Partially Supports	In Windows, the ribbon tabs have clear focus indication but are not programmatically exposed for Assistive Technology. The cursor location in the graphics window is not accessible.
502.3.14 Event Notification	Does Not Support	Many important events take place based on interactive 3D graphics which is not accessible to Assistive Technology.
502.4 Platform Accessibility Features	Not Applicable	The software is not a platform software.
<u>503 Applications</u>	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Partially Supports	Certain color, contrast, font type, font size, and focus cursor settings can be changed through Windows accessibility features. In addition, other color, contrast, font type, font size, and focus cursor settings can be changed from within the software’s preferences.
503.3 Alternative User Interfaces	Does Not Support	Although two alternative user interfaces are provided with close to identical functionality, neither has accessibility as its primary function.
<i>503.4 User Controls for Captions and Audio Description</i>	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not Applicable	The software does not contain content that provides for audio adjustment.
503.4.2 Audio Description Controls	Not Applicable	The software does not contain content that provides for audio adjustment.
<u>504 Authoring Tools</u>	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	See WCAG 2.0 section	See information in WCAG 2.0 section

Criteria	Conformance Level	Remarks and Explanations
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	The software is not an authoring tool.
504.2.2 PDF Export	Not Applicable	The software is not an authoring tool.
504.3 Prompts	Not Applicable	The software is not an authoring tool.
504.4 Templates	Not Applicable	The software is not an authoring tool.

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

Notes:

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Partially Supports	Certain color, contrast, font type, font size, and focus cursor settings can be changed from within the software’s preferences which is described in the documentation. Windows accessibility feature support is not documented.
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG 2.0 section
602.4 Alternate Formats for Non-Electronic Support Documentation	Partially Supports	The software contains both HTML-based and PDF-based documentation. The PDF-based documentation is prepared for paper print.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	
603.3 Accommodation of Communication Needs	Supports	Depending on how the product is licensed, software technical support services are provided either directly to the user or through a distributor. Depending on the need, support service methods include telephone, email, web forms, and web meetings.

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