

# COMSOL Accessibility Conformance Report

## Revised Section 508 Edition

(Based on VPAT<sup>®</sup> Version 2.4)

**Name of Product/Version:** COMSOL Multiphysics<sup>®</sup> Version 6.1 (released November 1, 2022)

**Report Date:** November 1, 2022

**Product Description:** CAE Software

**Contact Information:** [license@comsol.com](mailto: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                                |
|---|---|
| <a href="#">Web Content Accessibility Guidelines 2.0</a>  | Level A (Yes)<br>Level AA (Yes)<br>Level AAA (No) |
| <a href="#">Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018</a> | (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><a href="#">1.1.1 Non-text Content</a> (Level A)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>                        | <p>Web: Not Applicable<br/>Electronic Docs: Partially Supports<br/>Software: Partially Supports<br/>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><a href="#">1.2.1 Audio-only and Video-only (Prerecorded)</a> (Level A)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul> | <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><a href="#">1.2.2 Captions (Prerecorded)</a> (Level A)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>                  | <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><a href="#">1.2.3 Audio Description or Media Alternative (Prerecorded)</a> (Level A)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> </ul>                    | <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"> <li>602.3 (Support Docs)</li> </ul>  |  |   |
| <p><b>1.3.1 Info and Relationships</b> (Level A)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>  | <p>Web: Not Applicable<br/>Electronic Docs: Partially Supports<br/>Software: Partially Supports<br/>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><b>1.3.2 Meaningful Sequence</b> (Level A)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>     | <p>Web: Not Applicable<br/>Electronic Docs: Partially Supports<br/>Software: Partially Supports<br/>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><b>1.3.3 Sensory Characteristics</b> (Level A)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul> | <p>Web: Not Applicable<br/>Electronic Docs: Not Applicable<br/>Software: Partially Supports<br/>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><b>1.4.1 Use of Color</b> (Level A)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>            | <p>Web: Not Applicable<br/>Electronic Docs: Not Applicable<br/>Software: Partially Supports<br/>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><b>1.4.2 Audio Control</b> (Level A)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>     | <p>Web: Not Applicable<br/>Electronic Docs: Not Applicable<br/>Software: Partially Supports<br/>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><b>2.1.1 Keyboard</b> (Level A)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>          | <p>Web: Not Applicable<br/>Electronic Docs: Not Applicable<br/>Software: Partially Supports<br/>Authoring Tool: Not Applicable</p> | <p>Software: The software does not require specific timings for individual keystrokes.</p>   |
| <p><b>2.1.2 No Keyboard Trap</b> (Level A)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>  | <p>Web: Not Applicable<br/>Electronic Docs: Not Applicable<br/>Software: Partially Supports<br/>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><b>2.2.1 Timing Adjustable</b> (Level A)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul> | <p>Web: Not Applicable<br/>Electronic Docs: Not Applicable<br/>Software: Partially Supports<br/>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><b>2.2.2 Pause, Stop, Hide</b> (Level A)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul> | <p>Web: Not Applicable<br/>Electronic Docs: Not Applicable<br/>Software: Partially Supports<br/>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><b>2.3.1 Three Flashes or Below Threshold</b> (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:<br>Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>   | Electronic Docs: Not Applicable<br>Software: Supports<br>Authoring Tool: Not Applicable                                  |  |
| <b>2.4.1 Bypass Blocks</b> (Level A)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software) – Does not apply to non-web software</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul> | Not Applicable   | Not Applicable   |
| <b>2.4.2 Page Titled</b> (Level A)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>   | Not Applicable   | Not Applicable   |
| <b>2.4.3 Focus Order</b> (Level A)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>   | Not Applicable   | Not Applicable   |
| <b>2.4.4 Link Purpose (In Context)</b> (Level A)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>   | Web: Not Applicable<br>Electronic Docs: Not Applicable<br>Software: Partially Supports<br>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. |
| <b>3.1.1 Language of Page</b> (Level A)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>  | Not Applicable   | Not Applicable   |
| <b>3.2.1 On Focus</b> (Level A)<br>Also applies to:   | Web: Not Applicable<br>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"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>  | Applicable<br>Software: Partially Supports<br>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.                     |
| <b>3.2.2 On Input</b> (Level A)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>               | Web: Not Applicable<br>Electronic Docs: Not Applicable<br>Software: Does Not Support<br>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.   |
| <b>3.3.1 Error Identification</b> (Level A)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>   | Web: Not Applicable<br>Electronic Docs: Not Applicable<br>Software: Partially Supports<br>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.   |
| <b>3.3.2 Labels or Instructions</b> (Level A)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul> | Web: Not Applicable<br>Electronic Docs: Not Applicable<br>Software: Partially Supports<br>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. |
| <b>4.1.1 Parsing</b> (Level A)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>                | Not Applicable   | Not Applicable  |
| <b>4.1.2 Name, Role, Value</b> (Level A)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>      | Web: Not Applicable<br>Electronic Docs: Not Applicable<br>Software: Partially Supports<br>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><b><u>1.2.4 Captions (Live)</u></b> (Level AA)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>                 | Not Applicable  | Not Applicable  |
| <p><b><u>1.2.5 Audio Description (Prerecorded)</u></b> (Level AA)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul> | Not Applicable  | Not Applicable  |
| <p><b><u>1.4.3 Contrast (Minimum)</u></b> (Level AA)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>              | <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><b><u>1.4.4 Resize text</u></b> (Level AA)</p> <p>Also applies to:<br/>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>                     | <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><b><u>1.4.5 Images of Text</u></b> (Level AA)</p> <p>Also applies to:<br/>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"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>  | Software: Partially Supports<br>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.   |
| <b>2.4.5 Multiple Ways</b> (Level AA)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software) – Does not apply to non-web software</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul> | Not Applicable   | Not Applicable   |
| <b>2.4.6 Headings and Labels</b> (Level AA)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>   | Web: Not Applicable<br>Electronic Docs: Not Applicable<br>Software: Supports<br>Authoring Tool: Not Applicable           | Software: Headings and labels, including tooltips, are used consistently throughout the software.  |
| <b>2.4.7 Focus Visible</b> (Level AA)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>   | Web: Not Applicable<br>Electronic Docs: Not Applicable<br>Software: Partially Supports<br>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. |
| <b>3.1.2 Language of Parts</b> (Level AA)<br>Also applies to:<br>Revised Section 508   | Not Applicable   | Not Applicable   |

| Criteria   | Conformance Level  | Remarks and Explanations  |
|--|--|---|
| <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>  |  |   |
| <b>3.2.3 Consistent Navigation</b> (Level AA)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software) – Does not apply to non-web software</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>     | Not Applicable   | Not Applicable  |
| <b>3.2.4 Consistent Identification</b> (Level AA)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software) – Does not apply to non-web software</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul> | Not Applicable   | Not Applicable  |
| <b>3.3.3 Error Suggestion</b> (Level AA)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>  | Web: Not Applicable<br>Electronic Docs: Not Applicable<br>Software: Partially Supports<br>Authoring Tool: Not Applicable | Software: Some text fields have tooltips that give information on the reason of errors. |
| <b>3.3.4 Error Prevention (Legal, Financial, Data)</b> (Level AA)<br>Also applies to:<br>Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>   | 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 |
|--|-------------------|--------------------------|
| <b>1.2.6 Sign Language (Prerecorded)</b> (Level AAA)<br>Revised Section 508 – Does not apply | Web:              | Web:                     |
| <b>1.2.7 Extended Audio Description (Prerecorded)</b> (Level AAA)                            | Web:              | Web:                     |

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

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

# Revised Section 508 Report

## 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            |
|--|-------------------------------------|-------------------------------------|
| <a href="#">402 Closed Functionality</a>                                   | Heading cell – no response required | Heading cell – no response required |
| <b>402.1 General</b>   | Heading cell – no response required | Heading cell – no response required |
| <b>402.2 Speech-Output Enabled</b>   | 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   |                                     |                                     |
| <b>402.3 Volume</b>  | 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                                 |                                     |                                     |
| <a href="#">403 Biometrics</a>   | Heading cell – no response required | Heading cell – no response required |
| 403.1 General  |                                     |                                     |
| <a href="#">404 Preservation of Information Provided for Accessibility</a> | Heading cell – no response required | Heading cell – no response required |
| 404.1 General  |                                     |                                     |
| <a href="#">405 Privacy</a>  | Heading cell – no response required | Heading cell – no response required |
| 405.1 General  |                                     |                                     |
| <a href="#">406 Standard Connections</a>                                   | Heading cell – no response required | Heading cell – no response required |
| 406.1 General  |                                     |                                     |
| <a href="#">407 Operable Parts</a>   | Heading cell – no response required | Heading cell – no response required |
| 407.2 Contrast   |                                     |                                     |

| <b>Criteria</b>  | <b>Conformance Level</b>            | <b>Remarks and Explanations</b>     |
|--|-------------------------------------|-------------------------------------|
| <b>407.3 Input Controls</b>  | 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                                |                                     |                                     |
| <b>407.8 Reach Height and Depth</b>                                    | 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 |                                     |                                     |
| <b>408 Display Screens</b>   | Heading cell – no response required | Heading cell – no response required |
| 408.2 Visibility   |                                     |                                     |
| 408.3 Flashing   |                                     |                                     |
| <b>409 Status Indicators</b>   | Heading cell – no response required | Heading cell – no response required |
| 409.1 General  |                                     |                                     |
| <b>410 Color Coding</b>  | Heading cell – no response required | Heading cell – no response required |
| 410.1 General  |                                     |                                     |
| <b>411 Audible Signals</b>   | Heading cell – no response required | Heading cell – no response required |
| 411.1 General  |                                     |                                     |
| <b>412 ICT with Two-Way Voice Communication</b>                        | Heading cell – no response required | Heading cell – no response required |
| <b>412.2 Volume Gain</b>   | 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            |
|--|-------------------------------------|-------------------------------------|
| <b>412.3 Interference Reduction and Magnetic Coupling</b>    | 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                                    |                                     |                                     |
| <b>412.8 Legacy TTY Support</b>                              | 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               |                                     |                                     |
| <b>413 Closed Caption Processing Technologies</b>            | 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                  |                                     |                                     |
| <b>414 Audio Description Processing Technologies</b>         | Heading cell – no response required | Heading cell – no response required |
| 414.1.1 Digital Television Tuners                            |                                     |                                     |
| 414.1.2 Other ICT  |                                     |                                     |
| <b>415 User Controls for Captions and Audio Descriptions</b> | 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 <a href="#">WCAG 2.0</a> section | See information in WCAG 2.0 section   |
| <b>502 Interoperability with Assistive Technology</b> | 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. |
| <b>502.3 Accessibility Services</b>                   | 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.   |
| <b><u>503 Applications</u></b>  | 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.  |
| <b><i>503.4 User Controls for Captions and Audio Description</i></b>              | 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.  |
| <b><u>504 Authoring Tools</u></b>   | Heading cell – no response required  | Heading cell – no response required  |
| 504.2 Content Creation or Editing (if not authoring tool, enter "not applicable") | See <a href="#">WCAG 2.0</a> 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  |
|--|--------------------------------------|---|
| <b>601.1 Scope</b>   | Heading cell – no response required  | Heading cell – no response required   |
| <b><a href="#">602 Support Documentation</a></b>                 | 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 <a href="#">WCAG 2.0</a> 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.   |
| <b><a href="#">603 Support Services</a></b>                      | 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.<br>Depending on the need, support service methods include telephone, email, web forms, and web meetings. |

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