

Siemens Business Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT[®] Version 2.4)

Report Date	22/07/2021
Name of Product or Products	Simcenter FLOEFD
Product Description	CAD-embedded computational fluid dynamics solution.
Contact Information	alexey_kharitonovich@mentor.com
Notes	Reviewed against current product version Simcenter FLOEFD 2021.2.
Evaluation Methods Used	Testing is based on general product knowledge.

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. Or there is no way for the product to violate the standard as it is irrelevant to product operation.
- **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-Supports 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
<u>1.1.1 Non-text Content</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) 	Software: Partially Supports	Software: Majority of non-text content have text associated with the icon, however, it cannot be always accessed by assistive technology.
<u>1.2.1 Audio-only and Video-only (Prerecorded)</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) 	Software: Not Applicable	Software: The product has no multimedia
<u>1.2.2 Captions (Prerecorded)</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) 	Software: Not Applicable	Software: The product has no multimedia
<u>1.2.3 Audio Description or Media Alternative (Prerecorded)</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) 	Software: Not Applicable	Software: The product has no multimedia
<u>1.3.1 Info and Relationships</u> (Level A) Also applies to: Revised Section 508	Software: Does Not Support	Software: Tree structures (Project and Analysis Trees) cannot be fully accessed programmatically.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		
<u>1.3.2 Meaningful Sequence</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) 	Software: Supports	Software: Where applicable the data has been presented in a meaningful and logical sequence.
<u>1.3.3 Sensory Characteristics</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) 	Software: Supports	Software: All GUI actions have text-based command equivalents in the form of titles or pop-up labels.
<u>1.4.1 Use of Color</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) 	Software: Partially Supports	Software: Multiple palettes are available for plots. Icon colors change depending on visibility status in graphical display area and isn't supported by text on object name.
<u>1.4.2 Audio Control</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) 	Software: Not Applicable	Software: The product has no multimedia
<u>2.1.1 Keyboard</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 	Software: Partially Supports	Software: Property sheets can be navigated via the keyboard. Some of the menu controls can be accessed via the keyboard.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		Results display based on surface or component selection do not have a keyboard equivalent.
<u>2.1.2 No Keyboard Trap</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) 	Software: Does Not Support	Software: Some dialogs trap the keyboard. There is no way to switch from graphical display area to a property manager without a mouse click.
<u>2.2.1 Timing Adjustable</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) 	Software: Supports	Software: Timing can be adjusted while playing animations in Transient Explorer mode.
<u>2.2.2 Pause, Stop, Hide</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) 	Software: Supports	Software: Animations support pause and stop. Continuously updating residual plots, solver progress bars etc. can be hidden.
<u>2.3.1 Three Flashes or Below Threshold</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) 	Software: Not Applicable	Software: No flashing in the software
<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) 	Software: Not Applicable	This product is not a web page.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) – Does not apply to non-web docs 		
<p>2.4.2 Page Titled (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Software: Supports	Software: All application windows, title bars of dialog boxes and tabs, etc. have informative titles.
<p>2.4.3 Focus Order (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Software: Partially Supports	Software: A few application windows have a wrong tab order.
<p>2.4.4 Link Purpose (In Context) (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Software: Supports	Software: All links are meaningfully labeled or are supported with pop-up text.
<p>3.1.1 Language of Page (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Software: Not Applicable	Software: Not a web page
<p>3.2.1 On Focus (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Software: Supports	Software: Needs 'click' to change focus

Criteria	Conformance Level	Remarks and Explanations
<u>3.2.2 On Input</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) 	Software: Supports	Software: Focus stays on active window when use preferences changed.
<u>3.3.1 Error Identification</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) 	Software: Supports	Software: Errors reported in text in property manager and/or message windows.
<u>3.3.2 Labels or Instructions</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) 	Software: Supports	Software: Input fields have pop-up text tips.
<u>4.1.1 Parsing</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) 	Software: Not Applicable	Software: Not web based
<u>4.1.2 Name, Role, Value</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) 	Software: Not Applicable	Software: Not web based

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
<u>1.2.4 Captions (Live)</u> (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) 	Software: Not Applicable	Software: No multimedia
<u>1.2.5 Audio Description (Prerecorded)</u> (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) 	Software: Not Applicable	Software: No multimedia
<u>1.4.3 Contrast (Minimum)</u> (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) 	Software: Partially Supports	Software: General GUI contrast can be controlled by changing background color in the software options. Appearance and contrast of feature callouts can be finely tuned by changing font size, font style, font family, foreground and background colors.
<u>1.4.4 Resize text</u> (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) 	Software: Partially Supports	Software: Font size can be controlled via Microsoft Windows display scaling. Font size in feature callouts can be increased or decreased even without Assistive Technology.
<u>1.4.5 Images of Text</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) 	Software: Partially Supports	Software: Font size can be controlled via Microsoft Windows display scaling.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 504.2 (Authoring Tool) 602.3 (Support Docs) 		
<u>2.4.5 Multiple Ways</u> (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 	Software: Not Applicable	Software: The software is not a web page and has no web navigation mechanism. Windows within the tool can be accessed by clicking or menu.
<u>2.4.6 Headings and Labels</u> (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) 	Software: Supports	Software: windows and sub-windows have informative titles
<u>2.4.7 Focus Visible</u> (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) 	Software: Partially Supports	Software: Cursor will blink in active text boxes and text/value boxes are highlighted with an outline around the active field.
<u>3.1.2 Language of Parts</u> (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) 	Software: Supports	Software: All text including technical terms in English only. Language packs for Japanese, Chinese, Korean, French, German and Russian are available for installation.
<u>3.2.3 Consistent Navigation</u> (Level AA) Also applies to: Revised Section 508	Software: Supports	Software: Commands, Menus, and toolbars are consistent unless modified by user.

Criteria	Conformance Level	Remarks and Explanations
<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 		
3.2.4 Consistent Identification (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 	Software: Supports	Software: Components are identified and function consistently.
3.3.3 Error Suggestion (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) 	Software: Partially Supports	Software: Errors in the property manager windows and other errors captured in a message window have a meaningful message to identify problem and correct it.
3.3.4 Error Prevention (Legal, Financial, Data) (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) 	Software: Not Applicable	Software: Software does not cause legal commitments or financial transactions for the user.

Table 3: Success Criteria, Level AAA

Notes: AAA Criteria do not apply to this product.

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Notes:

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

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does not Support	Graphical design and debug software
302.2 With Limited Vision	Does not Support	Graphical design and debug software
302.3 Without Perception of Color	Supports	While color is used all values can be determined via other means also
302.4 Without Hearing	Not Applicable	No Audio in product
302.5 With Limited Hearing	Not Applicable	No Audio in product
302.6 Without Speech	Not Applicable	No speech input in product
302.7 With Limited Manipulation	Partially Support	Command line mode requires only text input from keyboard or other text input device
302.8 With Limited Reach and Strength	Support	No reach or strength requirements
302.9 With Limited Language, Cognitive, and Learning Abilities	Does Not Support	No alternate mode

Chapter 4: [Hardware](#)

Notes: Hardware criteria do not apply to this product

Chapter 5: [Software](#)

Notes: The product is not a platform or does not have access to platform accessibility features. Still some 508 requirements are covered in the [WCAG 2.0](#) Section

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 product is not a platform or does not have access to platform accessibility features.
502.2.2 No Disruption of Accessibility Features	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.3.2 Modification of Object Information	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.3.3 Row, Column, and Headers	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.3.4 Values	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.3.5 Modification of Values	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.3.6 Label Relationships	Not Applicable	The product is not a platform or does not have access to platform accessibility features.

Criteria	Conformance Level	Remarks and Explanations
502.3.7 Hierarchical Relationships	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.3.8 Text	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.3.9 Modification of Text	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.3.10 List of Actions	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.3.11 Actions on Objects	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.3.12 Focus Cursor	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.3.13 Modification of Focus Cursor	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.3.14 Event Notification	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
502.4 Platform Accessibility Features	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
<u>503 Applications</u>	Heading cell – no response required	

Criteria	Conformance Level	Remarks and Explanations
503.2 User Preferences	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
503.3 Alternative User Interfaces	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
503.4.2 Audio Description Controls	Not Applicable	The product is not a platform or does not have access to platform accessibility features.
<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
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	Not an Authoring Tool
504.2.2 PDF Export	Not Applicable	Not an Authoring Tool
504.3 Prompts	Not Applicable	Not an Authoring Tool
504.4 Templates	Not Applicable	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
<u>602 Support Documentation</u>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	Documentation provided by Siemens support website

Criteria	Conformance Level	Remarks and Explanations
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	Supports	Documentation provided by Siemens support website
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	Services provided by Mentor Global Support Services
603.3 Accommodation of Communication Needs	Supports	Services provided by Mentor Global Support Services