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# **SIMmetry Desktop 2.0.1.14 Accessibility Conformance Report**

VPAT Version 1.0 | 14 December 2020

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# 1. Overview

**Company Name:** Fugro

**Product:** SIMmetry Desktop 2.0.1.4

The following information includes the results from the initial evaluation of SIMmetry Desktop software application using VPAT 2.4 template. This assessment covers WCAG 2.0 conformance and Section 508.

Testing was conducted on a remote connection from personal PC to workstation. Windows Narrator and Windows Speech Recognition applications were used for criteria requiring screen readers and voice controllers. Did not test with third party software/hardware.

## 1.1 Scoping

### 1.1.1 Revised Section 508 Requirements

- Provides guidance based on features and functionality
- Harmonizes accessibility requirements with international standards such as Web Content Accessibility Guidelines (WCAG) 2.0
- Clarifies how guidelines apply to public facing and non-public facing websites, web applications, multimedia, software, electronic documents and operating systems.
- Clarifies how software and operating systems need to work with assistive technology.
- Addressed access for people with cognitive, language, and learning disabilities.
- Provides accessibility requirements for modern hardware, software, and authoring tools.
- Clarifies guidance on allowed exceptions.

### 1.1.2 WCAG Conformance

User interface and applications shall conform to Level A, AA, and AAA Success Criteria and Conformance Requirements that have be specified in WCAG 2.0

### 1.1.3 Functional Performance Criteria

The requirements of Chapter 3 shall apply to ICT where required by 508 Chapter 2 (Scoping Requirements), 255 Chapter 2 (Scoping Requirements), and where otherwise referenced in any other chapter of the Revised 508 Standards or Revised 255 Guidelines.

## 1.1.4 Hardware

The requirements of Chapter 4 shall apply to ICT that is hardware where required by 508 Chapter 2 (Scoping Requirements), 255 Chapter 2 (Scoping Requirements), and where otherwise referenced in any other chapter of the Revised 508 Standards or Revised 255 Guidelines.

EXCEPTION: Hardware that is assistive technology shall not be required to conform to the requirements of this chapter.

## 1.1.5 Software

The requirements of Chapter 5 shall apply to software where required by 508 Chapter 2 (Scoping Requirements), 255 Chapter 2 (Scoping Requirements), and where otherwise referenced in any other chapter of the Revised 508 Standards or Revised 255 Guidelines.

EXCEPTION: Where Web applications do not have access to platform accessibility services and do not include components that have access to platform accessibility services, they shall not be required to conform to 502 or 503 provided that they conform to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1).

## 1.1.6 Support Documentation and Services

The technical requirements in Chapter 6 shall apply to ICT support documentation and services where required by 508 Chapter 2 (Scoping Requirements), 255 Chapter 2 (Scoping Requirements), and where otherwise referenced in any other chapter of the Revised 508 Standards or Revised 255 Guidelines.

## 1.2 Documenting Compliance

Table 1.1: Compliance Responses

Response	Definition
Supports	Product meets criteria
Partial	Product fulfils most criteria but not all
Does Not Support	Product does not meet criteria
Not Applicable	Criteria does not apply

## 2. Web Content Accessibility Requirements (WCAG) 2.0

### 2.1 Principle 1: Perceivable

Information and user interface components must be presentable to users in ways they can perceive.

Table 2.1: Perceivable

Criteria	Conformance Level	Remarks and Explanations
<p>1.1.1 Non-text Content: All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below. (Level A)</p> <p>Controls, Input: If non-text content is a control or accepts user input, then it has a name that describes its purpose.</p> <p>Time-Based Media: If non-text content is time-based media, then text alternatives at least provide descriptive identification of the non-text content.</p> <p>Test: If non-text content is a test or exercise that would be invalid if presented in text, then text alternatives at least provide descriptive identification of the non-text content.</p> <p>Sensory: If non-text content is primarily intended to create a specific sensory experience, then text alternatives at least provide descriptive identification of the non-text content.</p> <p>CAPTCHA: If the purpose of non-text content is to confirm that content is being accessed by a person rather than a computer, then text alternatives that identify and describe the purpose of the non-text content are provided, and alternative forms of CAPTCHA using output modes for different types of sensory perception are provided to accommodate different disabilities.</p> <ul style="list-style-type: none"><li>• Decoration, Formatting, Invisible: If non-text content is pure decoration, is used only for visual formatting, or is not presented to users, then it is implemented in a way that it can be ignored by assistive technology.</li></ul>	Partial	

Criteria	Conformance Level	Remarks and Explanations
<p>1.2.1 Audio-only and Video-only (Prerecorded): For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such: (Level A)</p> <ul style="list-style-type: none"> <li>• Prerecorded Audio-only: An alternative for time-based media is provided that presents equivalent information for prerecorded audio-only content.</li> <li>• Prerecorded Video-only: Either an alternative for time-based media or an audio track is provided that presents equivalent information for prerecorded video-only content.</li> </ul>	Does Not Support	
<p>1.2.2 Captions (Prerecorded): Captions are provided for all prerecorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labelled as such. (Level A)</p>	Supports	
<p>1.2.3 Audio Description or Media Alternative (Prerecorded): An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labelled as such. (Level A)</p>	Does Not Support	
<p>1.2.4 Captions (Live): Captions are provided for all live audio content in synchronized media. (Level AA)</p>	Not Applicable	
<p>1.2.5 Audio Description (Prerecorded): Audio description is provided for all prerecorded video content in synchronized media. (Level AA)</p>	Does Not Support	
<p>1.2.6 Sign Language (Prerecorded): Sign language interpretation is provided for all prerecorded audio content in synchronized media. (Level AAA)</p>	Does Not Support	
<p>1.2.7 Extended Audio Description (Prerecorded): Where pauses in foreground audio are insufficient to allow audio descriptions to convey the sense of the video, extended</p>	Does Not Support	

Criteria	Conformance Level	Remarks and Explanations
audio description is provided for all prerecorded video content in synchronized media. (Level AAA)		
1.2.8 Media Alternative (Prerecorded): An alternative for time-based media is provided for all prerecorded synchronized media and for all prerecorded video-only media. (Level AAA)	Does Not Support	
1.2.9 Audio-only (Live): An alternative for time-based media that presents equivalent information for live audio-only content is provided. (Level AAA)	Not Applicable	
1.3.1 Info and Relationships: Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. (Level A)	Partial	
1.3.2 Meaningful Sequence: When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. (Level A)	Does Not Support	Issues with navigating to other tabs and display window
1.3.3 Sensory Characteristics: Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound. (Level A)	Supports	
1.4.1 Use of Color: Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. (Level A)	Partial	
1.4.2 Audio Control: If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. (Level A)	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
<p>1.4.3 Contrast (Minimum): The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: (Level AA)</p> <ul style="list-style-type: none"> <li>• Large Text: Large-scale text and images of large-scale text have a contrast ratio of at least 3:1;</li> <li>• Incidental: Text or images of text that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are part of a picture that contains significant other visual content, have no contrast requirement.</li> <li>• Logotypes: Text that is part of a logo or brand name has no minimum contrast requirement.</li> </ul>	Supports	
<p>1.4.4 Resize text: Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. (Level AA)</p>	Partial	
<p>1.4.5 Images of Text: If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: (Level AA)</p> <ul style="list-style-type: none"> <li>• Customizable: The image of text can be visually customized to the user's requirements;</li> <li>• Essential: A particular presentation of text is essential to the information being conveyed.</li> </ul>	Partial	
<p>1.4.6 Contrast (Enhanced): The visual presentation of text and images of text has a contrast ratio of at least 7:1, except for the following: (Level AAA)</p> <ul style="list-style-type: none"> <li>• Large Text: Large-scale text and images of large-scale text have a contrast ratio of at least 4.5:1;</li> <li>• Incidental: Text or images of text that are part of an inactive user interface component, that are pure decoration, that are not visible to anyone, or that are</li> </ul>	Partial	



Criteria	Conformance Level	Remarks and Explanations
<p>part of a picture that contains significant other visual content, have no contrast requirement.</p> <ul style="list-style-type: none"> <li>Logotypes: Text that is part of a logo or brand name has no minimum contrast requirement.</li> </ul>		
<p>1.4.7 Low or No Background Audio: For prerecorded audio-only content that (1) contains primarily speech in the foreground, (2) is not an audio CAPTCHA or audio logo, and (3) is not vocalization intended to be primarily musical expression such as singing or rapping, at least one of the following is true: (Level AAA)</p> <ul style="list-style-type: none"> <li>No Background: The audio does not contain background sounds.</li> <li>Turn Off: The background sounds can be turned off.</li> <li>20 dB: The background sounds are at least 20 decibels lower than the foreground speech content, with the exception of occasional sounds that last for only one or two seconds.</li> </ul> <p><i>Note:</i> Per the definition of "decibel," background sound that meets this requirement will be approximately four times quieter than the foreground speech content.</p>	Not Applicable	
<p>1.4.8 Visual Presentation: For the visual presentation of blocks of text, a mechanism is available to achieve the following: (Level AAA)</p> <ol style="list-style-type: none"> <li>Foreground and background colors can be selected by the user.</li> <li>Width is no more than 80 characters or glyphs (40 if CJK).</li> <li>Text is not justified (aligned to both the left and the right margins).</li> <li>Line spacing (leading) is at least space-and-a-half within paragraphs, and paragraph spacing is at least 1.5 times larger than the line spacing.</li> <li>Text can be resized without assistive technology up to 200 percent in a way that does not require the user to scroll horizontally to read a line of text on a full-screen window.</li> </ol>	Does Not Support	

Criteria	Conformance Level	Remarks and Explanations
1.4.9 Images of Text (No Exception): Images of text are only used for pure decoration or where a particular presentation of text is essential to the information being conveyed. (Level AAA)	Does Not Support	

## 2.2 Principle 2: Operable

User interface components and navigation must be operable.

Table 2.2: Operable

Criteria	Conformance Level	Remarks and Explanations
<p>2.1.1 Keyboard: All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints. (Level A)</p> <p><i>Note 1:</i> This exception relates to the underlying function, not the input technique. For example, if using handwriting to enter text, the input technique (handwriting) requires path-dependent input but the underlying function (text input) does not.</p> <p><i>Note 2:</i> This does not forbid and should not discourage providing mouse input or other input methods in addition to keyboard operation</p>	Does Not Support	
<p>2.1.2 No Keyboard Trap: If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away. (Level A)</p> <p><i>Note:</i> Since any content that does not meet this success criterion can interfere with a user's ability to use the whole page, all content on the Web page (whether it is used to meet other success criteria or not) must meet this success criterion.</p>	Does Not Support	

Criteria	Conformance Level	Remarks and Explanations
<p>2.1.3 Keyboard (No Exception): All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes. (Level AAA)</p>	Does Not Support	
<p>2.2.1 Timing Adjustable: For each time limit that is set by the content, at least one of the following is true: (Level A)</p> <ul style="list-style-type: none"> <li>• Turn off: The user is allowed to turn off the time limit before encountering it; or</li> <li>• Adjust: The user is allowed to adjust the time limit before encountering it over a wide range that is at least ten times the length of the default setting; or</li> <li>• Extend: The user is warned before time expires and given at least 20 seconds to extend the time limit with a simple action (for example, "press the space bar"), and the user is allowed to extend the time limit at least ten times; or</li> <li>• Real-time Exception: The time limit is a required part of a real-time event (for example, an auction), and no alternative to the time limit is possible; or</li> <li>• Essential Exception: The time limit is essential and extending it would invalidate the activity; or</li> <li>• 20 Hour Exception: The time limit is longer than 20 hours.</li> </ul> <p><i>Note:</i> This success criterion helps ensure that users can complete tasks without unexpected changes in content or context that are a result of a time limit. This success criterion should be considered in conjunction with Success Criterion 3.2.1, which puts limits on changes of content or context as a result of user action.</p>	Not Applicable	
<p>2.2.2 Pause, Stop, Hide: For moving, blinking, scrolling, or auto-updating information, all of the following are true: (Level A)</p> <ul style="list-style-type: none"> <li>• Moving, blinking, scrolling: For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and</li> </ul>	Partial	There is no auto-updating

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>Auto-updating: For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential.</li> </ul> <p><i>Note 1:</i> For requirements related to flickering or flashing content, refer to Guideline 2.3.</p> <p><i>Note 2:</i> Since any content that does not meet this success criterion can interfere with a user's ability to use the whole page, all content on the Web page (whether it is used to meet other success criteria or not) must meet this success criterion.</p> <p><i>Note 3:</i> Content that is updated periodically by software or that is streamed to the user agent is not required to preserve or present information that is generated or received between the initiation of the pause and resuming presentation, as this may not be technically possible, and in many situations could be misleading to do so.</p> <p><i>Note 4:</i> An animation that occurs as part of a preload phase or similar situation can be considered essential if interaction cannot occur during that phase for all users and if not indicating progress could confuse users or cause them to think that content was frozen or broken.</p>		
2.2.3 No Timing: Timing is not an essential part of the event or activity presented by the content, except for non-interactive synchronized media and real-time events. (Level AAA)	Not Applicable	
2.2.4 Interruptions: Interruptions can be postponed or suppressed by the user, except interruptions involving an emergency. (Level AAA)	Not Applicable	
2.2.5 Re-authenticating: When an authenticated session expires, the user can continue the activity without loss of data after re-authenticating. (Level AAA)	Not Applicable	
2.3.1 Three Flashes or Below Threshold: Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds. (Level A)	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
<p><i>Note:</i> Since any content that does not meet this success criterion can interfere with a user's ability to use the whole page, all content on the Web page (whether it is used to meet other success criteria or not) must meet this success criterion.</p>		
<p>2.3.2 Three Flashes: Web pages do not contain anything that flashes more than three times in any one second period. (Level AAA)</p>	Not Applicable	
<p>2.4.1 Bypass Blocks: A mechanism is available to bypass blocks of content that are repeated on multiple Web pages. (Level A)</p>	Not Applicable	
<p>2.4.2 Page Titled: Web pages have titles that describe topic or purpose. (Level A)</p>	Supports	
<p>2.4.3 Focus Order: If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. (Level A)</p>	Does Not Support	
<p>2.4.4 Link Purpose (In Context): The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. (Level A)</p>	Supports	
<p>2.4.5 Multiple Ways: More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in, a process. (Level AA)</p>	Supports	
<p>2.4.6 Headings and Labels: Headings and labels describe topic or purpose. (Level AA)</p>	Supports	

Criteria	Conformance Level	Remarks and Explanations
2.4.7 Focus Visible: Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. (Level AA)	Does Not Support	
2.4.8 Location: Information about the user's location within a set of Web pages is available. (Level AAA)	Not Applicable	
2.4.9 Link Purpose (Link Only): A mechanism is available to allow the purpose of each link to be identified from link text alone, except where the purpose of the link would be ambiguous to users in general. (Level AAA)	Supports	
2.4.10 Section Headings: Section headings are used to organize the content. (Level AAA) <i>Note 1:</i> "Heading" is used in its general sense and includes titles and other ways to add a heading to different types of content. <i>Note 2:</i> This success criterion covers sections within writing, not user interface components. User Interface components are covered under Success Criterion 4.1.2.	Supports	

## 2.3 Principle 3: Understandable

Information and the operation of user interface must be understandable.

Table 2.3: Understandable

Criteria	Conformance Level	Remarks and Explanations
3.1.1 Language of Page: The default human language of each Web page can be programmatically determined. (Level A)	Does Not Support	
3.1.2 Language of Parts: The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words	Does Not Support	

Criteria	Conformance Level	Remarks and Explanations
of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. (Level AA)		
3.1.3 Unusual Words: A mechanism is available for identifying specific definitions of words or phrases used in an unusual or restricted way, including idioms and jargon. (Level AAA)	Does Not Support	
3.1.4 Abbreviations: A mechanism for identifying the expanded form or meaning of abbreviations is available. (Level AAA)	Does Not Support	
3.1.5 Reading Level: When text requires reading ability more advanced than the lower secondary education level after removal of proper names and titles, supplemental content, or a version that does not require reading ability more advanced than the lower secondary education level, is available. (Level AAA)	Does Not Support	
3.1.6 Pronunciation: A mechanism is available for identifying specific pronunciation of words where meaning of the words, in context, is ambiguous without knowing the pronunciation. (Level AAA)	Does Not Support	
3.2.1 On Focus: When any component receives focus, it does not initiate a change of context. (Level A)	Supports	
3.2.2 On Input: Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behaviour before using the component. (Level A)	Supports	
3.2.3 Consistent Navigation: Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. (Level AA)	Supports	

Criteria	Conformance Level	Remarks and Explanations
3.2.4 Consistent Identification: Components that have the same functionality within a set of Web pages are identified consistently. (Level AA)	Supports	
3.2.5 Change on Request: Changes of context are initiated only by user request or a mechanism is available to turn off such changes. (Level AAA)	Does Not Support	
3.3.1 Error Identification: If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. (Level A)	Partial	
3.3.2 Labels or Instructions: Labels or instructions are provided when content requires user input. (Level A)	Partial	
3.3.3 Error Suggestion: If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. (Level AA)	Does Not Support	
3.3.5 Help: Context-sensitive help is available. (Level AAA)	Partial	
<p>3.3.6 Error Prevention (All): For Web pages that require the user to submit information, at least one of the following is true: (Level AAA)</p> <ol style="list-style-type: none"> <li>1. Reversible: Submissions are reversible.</li> <li>2. Checked: Data entered by the user is checked for input errors and the user is provided an opportunity to correct them.</li> <li>3. Confirmed: A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission.</li> </ol>	Partial	



## 2.4 Principle 4: Robust

Content must be robust enough that it can be interpreted reliably by a wide variety of user agents, including assistive technologies.

Table 2.4: Robust

Criteria	Conformance Level	Remarks and Explanations
<p>4.1.1 Parsing: In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features. (Level A)</p> <p><i>Note:</i> Start and end tags that are missing a critical character in their formation, such as a closing angle bracket or a mismatched attribute value quotation mark are not complete.</p>	Not Applicable	
<p>4.1.2 Name, Role, Value: For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies. (Level A)</p> <p><i>Note:</i> This success criterion is primarily for Web authors who develop or script their own user interface components. For example, standard HTML controls already meet this success criterion when used according to specification.</p>	Partial	

### 3. Functional Performance Criteria

Table 3.1: Functional Performance Criteria

Criteria	Conformance Level	Remarks and Explanations
<p>302.1 Without Vision</p> <p>Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that does not require user vision.</p>	Does Not Support	
<p>302.2 With Limited Vision</p> <p>Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited vision.</p>	Does Not Support	
<p>302.3 Without Perception of Color</p> <p>Where a visual mode of operation is provided, ICT shall provide at least one visual mode of operation that does not require user perception of color.</p>	Partial	
<p>302.4 Without Hearing</p> <p>Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not require user hearing.</p>	Not Applicable	
<p>302.5 With Limited Hearing</p> <p>Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited hearing.</p>	Not Applicable	
<p>302.6 Without Speech</p> <p>Where speech is used for input, control, or operation, ICT shall provide at least one mode of operation that does not require user speech.</p>	Supports	

Criteria	Conformance Level	Remarks and Explanations
<p>302.7 With Limited Manipulation</p> <p>Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that does not require fine motor control or simultaneous manual operations.</p>	Not Applicable	
<p>302.8 With Limited Reach and Strength</p> <p>Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that is operable with limited reach and limited strength.</p>	Not Applicable	
<p>302.9 With Limited Language, Cognitive, and Learning Abilities</p> <p>ICT shall provide features making its use by individuals with limited cognitive, language, and learning abilities simpler and easier.</p>	Not Applicable	

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## 4. Hardware

SIMmetry Desktop is a software application, therefore hardware criteria not applicable.

## 5. Software

Table 5.1: Software

Criteria	Conformance Level	Remarks and Explanations
<p>502.1 General</p> <p>Software shall interoperate with assistive technology and shall conform to 502. EXCEPTION: ICT conforming to 402 shall not be required to conform to 502</p>		
<p>502.2 Documented Accessibility Features</p> <p>Software with platform features defined in platform documentation as accessibility features shall conform to 502.2.</p>	Does Not Support	
<p>502.3 Accessibility Services</p> <p>Platform software and software tools that are provided by the platform developer shall provide a documented set of accessibility services that support applications running on the platform to interoperate with assistive technology and shall conform to 502.3. Applications that are also platforms shall expose the underlying platform accessibility services or implement other documented accessibility services.</p>	Does Not Support	
<p>502.3.1 Object Information</p> <p>The object role, state(s), properties, boundary, name, and description shall be programmatically determinable.</p>	Does Not Support	
<p>502.3.2 Modification of Object Information</p> <p>States and properties that can be set by the user shall be capable of being set programmatically, including through assistive technology.</p>	Does Not Support	
<p>502.3.3 Row, Column, and Headers</p>	Does Not Support	

Criteria	Conformance Level	Remarks and Explanations
If an object is in a data table, the occupied rows and columns, and any headers associated with those rows or columns, shall be programmatically determinable.		
<p>502.3.4 Values</p> <p>Any current value(s), and any set or range of allowable values associated with an object, shall be programmatically determinable.</p>	Does Not Support	
<p>502.3.5 Modification of Values</p> <p>Values that can be set by the user shall be capable of being set programmatically, including through assistive technology.</p>	Partial	
<p>502.3.6 Label Relationships</p> <p>Any relationship that a component has as a label for another component, or of being labeled by another component, shall be programmatically determinable</p>	Does Not Support	
<p>502.3.7 Hierarchical Relationships</p> <p>Any hierarchical (parent-child) relationship that a component has as a container for, or being contained by, another component shall be programmatically determinable.</p>	Does Not Support	
<p>502.3.8 Text</p> <p>The content of text objects, text attributes, and the boundary of text rendered to the screen, shall be programmatically determinable.</p>	Does Not Support	
<p>502.3.9 Modification of Text</p> <p>Text that can be set by the user shall be capable of being set programmatically, including through assistive technology.</p>	Partial	
<p>502.3.10 List of Actions</p> <p>A list of all actions that can be executed on an object shall be programmatically determinable.</p>	Does Not Support	

Criteria	Conformance Level	Remarks and Explanations
<p>502.3.11 Actions on Objects</p> <p>Applications shall allow assistive technology to programmatically execute available actions on objects</p>	Does Not Support	
<p>502.3.12 Focus Cursor</p> <p>Applications shall expose information and mechanisms necessary to track focus, text insertion point, and selection attributes of user interface components.</p>	Partial	
<p>502.3.13 Modification of Focus Cursor</p> <p>Focus, text insertion point, and selection attributes that can be set by the user shall be capable of being set programmatically, including through the use of assistive technology.</p>	Supports	
<p>502.3.14 Event Notification</p> <p>Notification of events relevant to user interactions, including but not limited to, changes in the component's state(s), value, name, description, or boundary, shall be available to assistive technology.</p>	Does Not Support	
<p>502.4 Platform Accessibility Features</p> <p>Platforms and platform software shall conform to the requirements in ANSI/HFES 200.2, Human Factors Engineering of Software User Interfaces — Part 2: Accessibility (2008) (incorporated by reference, see 702.4.1) listed below:</p> <ol style="list-style-type: none"> <li>1. Section 9.3.3 Enable sequential entry of multiple (chorded) keystrokes;</li> <li>2. Section 9.3.4 Provide adjustment of delay before key acceptance;</li> <li>3. Section 9.3.5 Provide adjustment of same-key double-strike acceptance;</li> <li>4. Section 10.6.7 Allow users to choose visual alternative for audio output;</li> <li>5. Section 10.6.8 Synchronize audio equivalents for visual events;</li> <li>6. Section 10.6.9 Provide speech output services; and</li> </ol>	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
7. Section 10.7.1 Display any captions provided.		
<p>503.1 General</p> <p>Applications shall conform to 503.</p>		
<p>503.2 User Preferences</p> <p>Applications shall permit user preferences from platform settings for color, contrast, font type, font size, and focus cursor.</p> <p>EXCEPTION: Applications that are designed to be isolated from their underlying platform software, including Web applications, shall not be required to conform to 503.2.</p>	Does Not Support	
<p>503.3 Alternative User Interfaces</p> <p>Where an application provides an alternative user interface that functions as assistive technology, the application shall use platform and other industry standard accessibility services.</p>	Not Applicable	
<p>503.4 User Controls for Captions and Audio Description</p> <p>Where ICT displays video with synchronized audio, ICT shall provide user controls for closed captions and audio descriptions conforming to 503.4</p>	Does Not Support	
<p>503.4.1 Caption Controls</p> <p>Where user controls are provided for volume adjustment, ICT shall provide user controls for the selection of captions at the same menu level as the user controls for volume or program selection.</p>	Not Applicable	
<p>503.4.2 Audio Description Controls</p> <p>Where user controls are provided for program selection, ICT shall provide user controls for the selection of audio descriptions at the same menu level as the user controls for volume or program selection.</p>	Not Applicable	



Criteria	Conformance Level	Remarks and Explanations
<p>504.1 General</p> <p>Where an application is an authoring tool, the application shall conform to 504 to the extent that information required for accessibility is supported by the destination format.</p>		
<p>504.2 Content Creation or Editing</p> <p>Authoring tools shall provide a mode of operation to create or edit content that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) for all supported features and, as applicable, to file formats supported by the authoring tool. Authoring tools shall permit authors the option of overriding information required for accessibility. EXCEPTION: Authoring tools shall not be required to conform to 504.2 when used to directly edit plain text source code.</p>	Does Not Support	
<p>504.2.1 Preservation of Information Provided for Accessibility in Format Conversion</p> <p>Authoring tools shall, when converting content from one format to another or saving content in multiple formats, preserve the information required for accessibility to the extent that the information is supported by the destination format.</p>	Not Applicable	
<p>504.2.2 PDF Export</p> <p>Authoring tools capable of exporting PDF files that conform to ISO 32000-1:2008 (PDF 1.7) shall also be capable of exporting PDF files that conform to ANSI/AIIM/ISO 14289-1:2016 (PDF/UA-1) (incorporated by reference, see 702.3.1).</p>	Not Tested	
<p>504.3 Prompts</p> <p>Authoring tools shall provide a mode of operation that prompts authors to create content that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) for supported features and, as applicable, to file formats supported by the authoring tool.</p>	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
<p>504.4 Templates</p> <p>Where templates are provided, templates allowing content creation that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) shall be provided for a range of template uses for supported features and, as applicable, to file formats supported by the authoring tool.</p>	Not Applicable	

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## 6. Support Documentation and Services

Table 6.1: Support Documentation

Criteria	Conformance Level	Remarks and Explanations
602.1 General Documentation that supports the use of ICT shall conform to 602.		
602.2 Accessibility and Compatibility Features Documentation shall list and explain how to use the accessibility and compatibility features required by Chapters 4 and 5. Documentation shall include accessibility features that are built-in and accessibility features that provide compatibility with assistive technology.	Not Applicable	
602.3 Electronic Support Documentation Documentation in electronic format, including Web-based self-service support, shall conform to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1).	Supports	
602.4 Alternate Formats for Non-Electronic Support Documentation Where support documentation is only provided in non-electronic formats, alternate formats usable by individuals with disabilities shall be provided upon request.	Not Applicable	

Table 6.1: Support Services

Criteria	Conformance Level	Remarks and Explanations
<p>603.1 General</p> <p>ICT support services including, but not limited to, help desks, call centers, training services, and automated self-service technical support, shall conform to 603.</p>		
<p>603.2 Information on Accessibility and Compatibility Features</p> <p>ICT support services shall include information on the accessibility and compatibility features required by 602.2.</p>	Does Not Support	
<p>603.3 Accommodation of Communication Needs</p> <p>Support services shall be provided directly to the user or through a referral to a point of contact. Such ICT support services shall accommodate the communication needs of individuals with disabilities.</p>	Does Not Support	