

VPAT Accessibility Conformance Report

(Based on ITI VPAT[®])

Name of Product	Elsa
Date Last Updated	March 31, 2026
Completed by	Nicola Richardson, Justin Binder (Elsevier Digital Accessibility Team)
Applicable Standards/Guidelines	This document rates Elsa according to the W3C WCAG 2.1 A and AA requirements.
Contact for More Information	Elsevier Digital Accessibility Team accessibility@elsevier.com
Testing Tools and Methods	<ul style="list-style-type: none">• Hands-on keyboard operation• DevTools/Code inspection• Mozilla Firefox 128.4.0 on MacOS Sequoia 15.3.1• Chrome 129 on Windows 10, Chrome 146.0.7 on Windows 11• NVDA screen reader 2024.3.1, NVDA screen reader 2025.3• axe DevTools extension 4.10.0• ARC Toolkit extension 5.7.5• HeadingsMap extension 4.8.7• Color Contrast Analyzer• W3C Web Accessibility Initiative (WAI) Pages• Elsevier Accessibility Checklist
Document Sections	This review document includes all WCAG 2.1 A and AA checkpoints, organized into 7 logical sections: <ul style="list-style-type: none">• Visuals• Keyboard• Headings and Structure• Labeling• Multimedia• Usability• Mobile User Experience
Pages Covered	<ul style="list-style-type: none">• Login, Header, Footer, Project List, Chapter Progress, Table of Contents, Team• The Write Space: Write, Activity & Versions, Figures, LaTeX Files, Publishing Assistant
Terms	<ul style="list-style-type: none">• Supports: The functionality of the product has at least one method that meets the criteria without known defects or meets with equivalent facilitation.• Partially supports: Some functionality of the product does not meet the criteria.• Does not support: Majority of functionality of the product does not meet the criteria.• Supports (N/A): According to W3C on conformance, "If there is no content to which a success criterion applies, the success criterion is satisfied."
Notes/Terminology	<ul style="list-style-type: none">• "AT" stands for Assistive Technology such as screen readers, voice input, etc.

Conformance Summary

WCAG 2.1 Success Criterion	Level	Evaluation
1.1.1: Non-text Content	A	Partially supports
1.2.1: Audio-only and Video-only (Prerecorded)	A	Supports (N/A)
1.2.2: Captions (Prerecorded)	A	Supports (N/A)
1.2.3: Audio Description or Full Text Alternative	A	Supports (N/A)
1.2.4: Captions (Live)	AA	Supports (N/A)
1.2.5: Audio Description	AA	Supports (N/A)
1.3.1: Info and Relationships	A	Partially supports
1.3.2: Meaningful Sequence	A	Supports
1.3.3: Sensory Characteristics	A	Supports
1.3.4: Orientation (2.1)	AA	Supports
1.3.5: Identify Input Purpose (2.1)	AA	Supports (N/A)
1.4.1: Use of Color	A	Partially supports
1.4.2: Audio Control	A	Supports (N/A)
1.4.3: Contrast (Minimum)	AA	Partially supports
1.4.4: Resize text	AA	Partially supports
1.4.5: Images of Text	AA	Supports
1.4.10: Reflow (2.1)	AA	Does not support
1.4.11: Non-Text Contrast (2.1)	AA	Supports
1.4.12: Text Spacing (2.1)	AA	Partially supports
1.4.13: Content on Hover or Focus (2.1)	AA	Supports
2.1.1: Keyboard	A	Does not support
2.1.2: No Keyboard Trap	A	Supports
2.1.4: Character Key Shortcuts (2.1)	A	Supports
2.2.1: Timing Adjustable	A	Supports
2.2.2: Pause, Stop, Hide	A	Does not support
2.3.1: Three Flashes or Below Threshold	A	Supports
2.4.1: Bypass Blocks	A	Does not support
2.4.2: Page Titled	A	Does not support
2.4.3: Focus Order	A	Partially supports
2.4.4: Link Purpose (In Context)	A	Partially supports
2.4.5: Multiple Ways	AA	Supports
2.4.6: Headings and Labels	AA	Supports
2.4.7: Focus Visible	AA	Partially supports
2.5.1: Pointer Gestures (2.1)	A	Supports
2.5.2: Pointer Cancellation (2.1)	A	Supports
2.5.3: Label in Name (2.1)	A	Partially supports
2.5.4: Motion Actuation (2.1)	A	Supports (N/A)
3.1.1: Language of Page	A	Supports
3.1.2: Language of Parts	AA	Supports (N/A)

WCAG 2.1 Success Criterion	Level	Evaluation
3.2.1: On Focus	A	Supports
3.2.2: On Input	A	Supports
3.2.3: Consistent Navigation	AA	Supports
3.2.4: Consistent Identification	AA	Supports
3.3.1: Error Identification	A	Supports
3.3.2: Labels or Instructions	A	Partially supports
3.3.3: Error Suggestion	AA	Supports
3.3.4: Error Prevention (Legal, Financial, Data)	AA	Supports (N/A)
4.1.1: Parsing	A	Supports
4.1.2: Name, Role, Value	A	Partially supports
4.1.3: Status Messages (2.1)	AA	Partially supports

WCAG 2.1 A and AA Success Criteria

Visuals

WCAG 2.1 Checkpoint	Conformance Level	Remarks
1.1.1: Non-Text Content (A) Provide text alternatives for non-text content (e.g. images)	Partially supports	Many images and icons have appropriate text equivalents. Exceptions: <ul style="list-style-type: none"> Write: Decorative icons on section expandable buttons have redundant alternative text. The accessible names of buttons which reveal options for accepting or discarding changes do not reflect their purpose. The accessible name of the close button in side panel content does not reflect its purpose
1.3.3: Sensory Characteristics (A) Do not rely on sensory characteristics of components such as shape, size, visual location, orientation, or sound	Supports	There are no instructions or areas of content which rely solely on sensory characteristics.
1.4.1: Use of Color (A) Color is not used as the only visual means of conveying info	Partially supports	In most instances, when color is used as a means of conveying information, another visual method is also used to convey the information without color. Exceptions: <ul style="list-style-type: none"> Table of Contents: Sole use of color for Move buttons and Delete button when enabled with a font color difference that is barely noticeable. Write: Color alone is used to identify tracked changes and commented text
1.4.3: Color Contrast (Minimum) (AA) Text has enough contrast with the background (4.5:1 for small text and 3:1 for large text)	Partially supports	Text has sufficient contrast with its corresponding background in most areas. Exceptions: <ul style="list-style-type: none"> Write: The 'Outline' heading does not meet contrast requirements (3.4:1). Placeholder text does not meet contrast requirements. Activity & Versions, Figures: The document status indicator for Private / Public does not meet contrast requirements (3.1:1 / 2.6:1)
1.4.4: Resize Text (AA) Text can be enlarged up to 200% without loss of functionality.	Partially supports	Text may be enlarged to 200% while preserving functionality of content in most instances. Exceptions: <ul style="list-style-type: none"> Table of Contents: Cut off and overlap content when text is resized at 200% browser page zoom.

		<ul style="list-style-type: none"> • Team: Controls too close together when browser page zoom is 200 percent. • Write: Some content overlaps, is obscured or truncated when text is resized to 200% its original size • LaTeX Files: Single word label text for Delete and Download buttons are inappropriately broken in half when text is resized to 200% its original size.
<p>1.4.5: Images of Text (AA)</p> <p>Text is used rather than images of text, except where the presentation of text is essential, such as logos</p>	Supports	No images of text are used other than for logos or essential presentation in most areas.
<p>1.4.10: Reflow (AA)</p> <p>Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:</p> <ul style="list-style-type: none"> • Vertical scrolling content at a width equivalent to 320 CSS pixels; • Horizontal scrolling content at a height equivalent to 256 CSS pixels.. 	Does not support	<p>Most pages are not responsive. Some aspects of pages may be zoomed to 400% without necessitating horizontal scrolling and without loss of functionality/content.</p> <p>Remarks:</p> <ul style="list-style-type: none"> • Project List: The "Search by project name" and "Filter by Editor/Author" fields require horizontal scrolling to be fully viewable and reachable at 400% browser zoom • Chapter Progress: The search field, Set due date button, Set allotments button, and tooltip content require horizontal scrolling when viewed at 400% browser zoom. • Table of Contents: Several elements are cut-off or require horizontal scrolling to access when viewed at 400% browser zoom. • Team: Content is cut off, overlaps, or too close together when 400% browser page zoom • Activity & Versions: Table header for Version number is inappropriately reduced to a single letter. "Select Versions" table header has line wrapping that splits the 'Versions' word onto separate lines. The list of projects requires horizontal scrolling and inappropriately designed as a table. • Figures: Tooltips containing filenames require horizontal scrolling to access when viewed at 400% browser zoom. • LaTeX Files: The visible label text for the Download and Delete buttons are inappropriately broken in half due to how the text wrapping is implemented.
<p>1.4.11: Non-Text Contrast (AA)</p>	Supports	All non-text UI components and graphical objects have at least a 3:1 contrast ratio against surrounding colors.

<p>User interact components and graphical objects have a contrast ratio of at least 3:1 against adjacent color(s).</p>		
<p>1.4.12: Text Spacing (AA) In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all the following and by changing no other style property:</p> <ul style="list-style-type: none"> • Line height (line spacing) to at least 1.5 times the font size; • Spacing following paragraphs to at least 2 times the font size; • Letter spacing (tracking) to at least 0.12 times the font size; • Word spacing to at least 0.16 times the font size. 	Partially supports	<p>Users may adjust the text spacing of content on most pages to the minimum baseline properties without causing loss of content or functionality.</p> <p>Exceptions:</p> <ul style="list-style-type: none"> • Chapter Progress: When text spacing overrides are applied to the filters popover some text content overlaps making it unreadable
<p>1.4.13: Content on Hover or Focus (AA) Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:</p> <ul style="list-style-type: none"> • Dismissible • Hoverable • Persistent 	Supports	<p>Tooltips that obscure other content are dismissible without moving pointer hover or keyboard focus.</p>
<p>2.3.1: Three Flashes or Below Threshold (A) No more than three flashes in a 1-second period, or the flashes</p>	Supports	<p>Flashing content is below the defined thresholds.</p> <p>Remarks:</p> <ul style="list-style-type: none"> • Header: When notifications are present the Help icon has a pulsating animation which is below the required threshold

are below the defined thresholds		
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Keyboard

WCAG 2.1 Checkpoint	Conformance Level	Remarks
1.3.2: Meaningful Sequence (A) The correct reading sequence can be programmatically determined	Supports	The correct reading sequence is typically logical and programmatically determinable, with the DOM order according with the visual order in most areas.
2.1.1: Keyboard (A) All functionality is available from a keyboard, except for tasks such as drawing	Does not support	While most pages have some degree of keyboard operability, critical functionality such as adding text or certain content types into the content editor and some formatting options are not achievable without the use of a mouse. Exceptions: <ul style="list-style-type: none"> Header: The Help button is not keyboard operable for screen reader users. Write: Where toolbar buttons expand content not all revealed content is reachable by keyboard. Interactive controls in track changes and comment containers are not reachable by keyboard. Where configuration options for fields or tables are available in tooltips these are not reachable by keyboard. When adding a questionnaire, radio buttons to select the correct answer are not keyboard operable. Equations are interactive but not reachable by keyboard. Text-based content cannot be added into a blank content editor via keyboard alone as it requires a mouse click to place the text cursor Figures: Tooltips containing image filenames are only available on cursor hover.
2.1.2: No Keyboard Trap (A) The user can use the keyboard to move through page elements and is not trapped on a particular element	Supports	No pages have a keyboard trap.
2.1.4: Character Key Shortcuts (A) If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at	Supports	The site does not use any character key shortcuts. Remarks: <ul style="list-style-type: none"> The text editor in The Write Space contains multi key shortcuts for formatting such as CTRL + B for bolding text.

<p>least one of the following is true:</p> <ul style="list-style-type: none"> • Turn off • Remap • Active only on focus 		
<p>2.4.3: Focus Order (A) Users can tab through the elements of a page in a logical order</p>	Partially supports	<p>Tab order is largely logical across the site and preserves the meaning and operability of content in most instances.</p> <p>Exceptions:</p> <ul style="list-style-type: none"> • Write: On activating the Find & Replace button the revealed content cannot be accessed via a logical focus order sequence. Some elements prevent keyboard focus from progressing past them. When toolbar buttons become disabled after activation, focus is reset to the top of the document <p>Remarks:</p> <ul style="list-style-type: none"> • Write: where elements prevent focus from progressing past them this can be circumvented by collapsing the relevant section to navigate past it, or by navigating backwards into it to reach the required content
<p>2.4.7: Focus Visible (AA) The page element with the current keyboard focus has a visible focus indicator</p>	Partially supports	<p>Most elements across the site that receive keyboard focus have a visible indication of focus.</p> <p>Remarks:</p> <ul style="list-style-type: none"> • Header: Focus styling is present in the site navigation only on select pages and components within the header
<p>3.2.1: On Focus (A) When a UI component receives focus, this does not trigger unexpected actions.</p>	Supports	<p>Focusable elements do not cause unexpected actions/changes of context when receiving focus.</p>

Headings and Structure

WCAG 2.1 Checkpoint	Conformance Level	Remarks
<p>1.3.1: Information and Relationships (A) Info, structure, and relationships can be programmatically determined</p>	Partially supports	<p>Most content is distinguishable via semantic structure and relationships. Semantic headings are used on most pages to reflect the content topic. Many input elements have programmatically determinable labels. HTML landmark roles are used throughout with a degree of accuracy.</p> <p>Exceptions:</p> <ul style="list-style-type: none"> • Chapter Progress: Some tables do not have the proper default value for the aria-sort attribute. When the column is not sorted by ascending for default setup, it is given the ascending value. There are empty column headers and missing row headers. • Write: An inner navigational landmark is unnamed

		<ul style="list-style-type: none"> • Header: The relationship between the Help item and the overlapping counter is not programmatically determinable. • Project List: The 'readonly' state of filters is not programmatically communicated • Table of Contents: Incorrect structure for the table of contents when not in edit mode. They are functionally a list of accordions and links. • Table of Contents: Incorrect structure for the table of contents when in edit mode • Write: The Home and Insert buttons provide a visual active status which is not programmatically communicated. Stepped process visuals have redundant visually hidden text that reiterates the visible text. Visual groupings of editable content are not programmatically determinable. Equations are not correctly read by screen readers • Activity & Versions: The relationship between data in the Activity and Details section is not programmatically determinable. The Details table has an empty table header. • Figures: Visual groupings of image information is not programmatically determinable. • LaTeX Files: The visual association between the number of files and the Browse button is not programmatically determinable • Publishing Assistant: The visual association between section heading and alerts it not programmatically available. The legend text for the group of radio buttons in AI Disclosure section is made to be invisible and the assumed original text is visible on screen. The original text is in a <div> element located outside the fieldset. It causes redundant announcements for screen reader users.
<p>2.4.1: Bypass Blocks (A) Users can bypass repeated blocks of content.</p>	Does not support	No pages feature a "Skip to Main Content" skip navigation link. Most pages do not use heading elements or landmarks sufficiently to allow AT users to easily move between different areas of content.
<p>2.4.6: Headings and Labels (AA) Headings and labels are clear and consistent.</p>	Supports	Headings and labels used are typically clear and descriptive. For example, most pages feature visually distinct and programmatically determinable headings to help distinguish content.
<p>3.1.1: Language of Page (A) The language of the page is specified</p>	Supports	The default page language is typically and appropriately defined on all pages.

<p>3.1.2: Language of Parts (AA) Specify the language of text passages that are in a different language than the default language of the page.</p>	Supports (N/A)	There are no sections of text that do not match the default language of the page.
<p>4.1.1: Parsing (A) Use valid, error-free HTML</p>	Supports	<p>HTML and CSS typically pass concerning these 4 specific criteria:</p> <ul style="list-style-type: none"> (i) elements have complete start and end tags, (ii) elements are nested according to their specifications (iii) elements do not contain duplicate attributes (iv) any IDs are unique, except where the specifications allow these features. <p>Note: There may be other general HTML validation errors outside the scope of this criterion. WCAG 2.1 Errata notes: "This Success Criterion should be considered as always satisfied for any content using HTML or XML."</p> <p>Remarks:</p> <ul style="list-style-type: none"> • Project List, Chapter Progress, Write, Activity & Versions, Figures: Duplicate IDs are present for multiple elements

Labeling

WCAG 2.1 Checkpoint	Conformance Level	Remarks
<p>1.3.5: Identify Input Purpose (AA) The purpose of each input field collecting information about the user can be programmatically determined when:</p> <ul style="list-style-type: none"> • The input field serves a purpose identified in the Input Purposes for User Interface Components section; and • The content is implemented using technologies with support for identifying the expected meaning for form input data. 	Supports (N/A)	There are no pages on Elsa that collect personal information from the user.
<p>2.4.2: Page Titled (A)</p>	Does not support	All pages use "Elsa" as the page title.

<p>The page has a title describing its topic or purpose</p>		
<p>2.4.4: Link Purpose (In Context) (A) The purpose of each link can be determined from the link text or surrounding context.</p>	Partially supports	<p>An identifiable purpose may be deduced for almost all links from the link text or surrounding context.</p> <p>Exceptions:</p> <ul style="list-style-type: none"> Chapter Progress, Write: The purpose of the back link in the header is not programmatically determinable
<p>2.5.3: Label in Name (A) For user interface components with labels that include text or images of text, the name contains the text that is presented visually.</p>	Partially supports	<p>Most user interface components that have visible text contain that text consistently within the accessible name.</p> <p>Exceptions:</p> <ul style="list-style-type: none"> Write: Some buttons in Figure configuration menus have accessible names which do not begin with the visible text label
<p>3.2.4: Consistent Identification (AA) UI components used across the web site are identified consistently on every page.</p>	Supports	<p>Components are typically consistent across the site, and identified consistently where they perform the same function across pages.</p>
<p>3.3.1: Error Identification (A) Input errors are clearly marked and described to the user.</p>	Supports	<p>There are not many opportunities for input errors but where they are encountered, they are identified or described to the user in text.</p>
<p>3.3.2: Labels or Instructions (A) Items requiring user input are clearly labeled or have clear instructions.</p>	Partially supports	<p>Labels or instructions are provided for most form elements, most of which are programmatically associated with their inputs.</p> <p>Exceptions:</p> <ul style="list-style-type: none"> Table of Contents: Missing documentation for custom keyboard interaction Write: A collection of radio buttons in the Link References and Citations dialog has a group label but it is not visible on screen. A field to add tags has a persistent visible label but it is confusing due to instructions for controls located after the field. Write: Placeholders are often used to provide visible labels or instructions for fields and do not provide sufficient color contrast.
<p>3.3.3: Error Suggestion (AA) When the user makes an input error, give</p>	Supports	<p>There are not many opportunities for error suggestions, but where opportunities exist such suggestions are provided.</p>

<p>suggestions for valid input.</p>		
<p>4.1.2: Name, Role, Value (A) For all UI components, the name, value, and role can be programmatically determined.</p>	Partially supports	<p>Some UI components communicate their state programmatically, and many have accessible names that are appropriately defined. Several ARIA attributes and roles are not present where appropriate.</p> <p>Exceptions:</p> <ul style="list-style-type: none"> • Project List, Chapter Progress: Tabs define their role as both ‘button’ and ‘tab’ • Chapter Progress, Figures, LaTeX Files: The ‘dialog’ role is used inappropriately and is set on an entire page, rather than a specific component • Header: Menu items which reveal additional content do not communicate their expanded state programmatically • Table of Contents: Incorrect structure for the table of contents when not in edit mode. They are functionally a list of accordions and links. • Table of Contents: Incorrect structure for the table of contents when in edit mode • Table of Contents: The expand/collapse controls for the units and sections are set as disabled and missing state information. • Write: Icon-only buttons have accessible names, but they have keyboard shortcuts displayed on mouse hover and not included in the accessible name. Section headings included in the Outline panel should be in-page links rather than buttons. Where non-standard elements have been used for user input, they do not always expose an appropriate role • Figures: The accessible name for individual image checkbox is repetitive. The accessible name for the Select All checkbox does not include the expected behavior when it is in checked state. • Publishing Assistant: The trigger button does not programmatically indicate that it expands content on activation
<p>4.1.3: Status Messages (AA) In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user</p>	Partially supports	<p>Some status messages, such as the loading status of pages, are automatically communicated to AT.</p> <p>Exceptions:</p> <ul style="list-style-type: none"> • Team: Missing status message for update on data table content • Write: The automatic ‘saved’ status of the document is not communicated to AT

by assistive technologies without receiving focus.		
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Multimedia

WCAG 2.1 Checkpoint	Conformance Level	Remarks
1.2.1: Audio-only or Video-only (Prerecorded) (A) Provide alternatives for pre-recorded audio-only or video-only content.	Supports (N/A)	There is no pre-recorded audio-only or video-only content.
1.2.2: Captions (Prerecorded) (A) Provide captions for pre-recorded audio	Supports (N/A)	There is no pre-recorded audio or synchronized media in the applications.
1.2.3: Audio Description or Media Alternative (Prerecorded) (A) Provide alternatives for pre-recorded synchronized audio/video	Supports (N/A)	There is no synchronized media in the application.
1.2.4: Captions (Live) (AA) Provide captions for live audio in synchronized audio/video.	Supports (N/A)	There is no synchronized audio/video content nor live audio.
1.2.5: Audio Description (Prerecorded) (AA) Provide an audio description of pre-recorded video.	Supports (N/A)	There is no pre-recorded video in the application.
1.4.2: Audio Control (A) Audio can be paused and stopped, or the audio volume can be changed.	Supports (N/A)	No pages feature audio that plays automatically.
2.2.2: Pause, Stop, Hide (A) Users can stop, pause, or hide moving, blinking, scrolling, or auto-updating information.	Does not support	A mechanism is not provided to pause, stop or hide moving content. Remarks: <ul style="list-style-type: none"> Header: The unread count indicator has a persistent pulsing animation with no mechanism to pause or stop it

Usability

WCAG 2.1 Checkpoint	Conformance Level	Remarks
2.2.1: Timing Adjustable (A) Users are warned of time limits shorter than 20 hours and time limits can be turned off or extended	Supports	The app has a session timeout which exceeds 20 hours.
2.4.5: Multiple Ways (AA) More than one way is available to navigate to other web pages.	Supports	All pages (except steps/results of a process) may typically be located and accessed in multiple ways.
3.2.2: On Input (A) Changing the setting of a checkbox, radio button, or other UI component does not trigger unexpected changes in context.	Supports	User input, such as changing the values of form elements, does not initiate unexpected actions or changes in context.
3.2.3: Consistent Navigation (AA) Navigation menus are in the same location and order on every web page.	Supports	Navigation menus are consistent across pages. For example, global navigation links in the header are consistent across pages, occurring in the same order and secondary navigation is consistently positioned across appropriate sets of pages.
3.3.4: Error Prevention (Legal, Financial, Data) (AA) For web pages with legal or financial commitments, input can be reviewed and corrected before final submission, and submissions can be reverted.	Supports (N/A)	There are no submissions which require legal or financial commitments.

Mobile User Experience

WCAG 2.1 Checkpoint	Conformance Level	Remarks
1.3.4: Orientation (AA) Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential.	Supports	Pages do not restrict view and operation of content to a single orientation.

<p>2.5.1: Pointer Gestures (A) All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential.</p>	Supports	<p>Pages do not utilize or require multipoint or path-based gestures for any functionality.</p> <p>Remarks:</p> <ul style="list-style-type: none"> The equation builder provides both path-based and keyboard-only methods for detailing formulae
<p>2.5.2: Pointer Cancellation (A) For functionality that can be operated using a single pointer, at least one of the following is true:</p> <ul style="list-style-type: none"> No Down-Event Abort or Undo Up Reversal Essential 	Supports	All interactive content functions through the Up-Event, allowing users to potentially move their pointer off the component to cancel.
<p>2.5.4: Motion Actuation (A) Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when:</p> <ul style="list-style-type: none"> Supported Interface Essential 	Supports (N/A)	There is no content that utilizes device or user motion.