Voluntary Product Accessibility Template (VPAT)

1Integrate v4.0

31/08/2023

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1Spatial Accessibility Conformance Report

Product Information

Product Name/Version: 1Integrate 4.0

Report Template: Revised Section 508 Edition (based on VPAT version 2.4)

Produce Release Date: Mar 13th, 2023

Report Date: August 31st, 2023

Product Description: The 1Integrate Commercial off the Shelf (COTS) is a rules engine that is flexible and configurable to handle a variety of data quality/management challenges such as undershoots, overshoots, gaps, overlaps, attribution errors, alignment issues, etc. The rules-based, automated engine goes beyond just locating errors as it also allows for "action" rules that can automate repairs to the data.

Notes: 1Integrate is a web-based application, using web browsers to display the interface. The software supports configurations designed to assist users with accessibility via web browsers. The 1Integrate application provides additional context through a Map Viewer. The Map Viewer is not essential and all information that is being displayed through the map is also accessible through the extra elements. Therefore, we did not access that component for the report.

This version of 1Integrate is the first to introduce a brand new User Interface built upon a modern web framework (Material UI) which has WCAG compliance built into the libraries.

Evaluation Methods Used: The product was reviewed through the product development team, with review from Senior Management.

Contact Information: 1Spatial Support Support@1spatial.com

Applicable Standards/Guidelines

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

Purpose

The VPAT is a template used to document a product's conformance with accessibility standards and guidelines.

The purpose of the Accessibility Conformance Report is to assist customers and buyers in making preliminary assessments regarding the availability of commercial "Electronic and Information Technology," also referred to as "Information and Communication Technology" (ICT) products and services with features that support accessibility.

Revision History

Version	Date	Description of Changes
1.0	2019-02-01	Created initial VPAT Document.
2.0	2023-03-27	Updated to 2.4 VPAT Template.
2.1	2023-05-15	Review and minor amendments.
2.2	2023-08-31	Review and reformatting for publication.

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.

Web Content Accessibility Guidelines (WCAG) Report

The following sections 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.

WCAG Principle 1: Perceivable

Information and user interface components must be presentable to users in ways they can perceive. Criteria also apply to Revised Section 508 standards for Web and Software (501), Author Tools (504.2), and Support Documentation (602.3). Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) 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. • Controls, Input: If non-text content is a control or accepts user input, then it has a name that describes its purpose. • Time-Based Media: If non-text content is time-based media, then text alternatives at least provide descriptive identification of the non-text content. • 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. • 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. • 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	Supports	Graphic elements have a descriptive name.

CAPTCHA using output modes for different types of sensory perception are provided to accommodate different disabilities • 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		
1.2.1 Audio-only and Video-only (Pre-recorded) (Level A) For prerecorded audio-only and pre-recorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labelled as such: • Pre-recorded Audio-only: An alternative for time-based media is provided that presents equivalent information for pre-recorded audio-only content. • Pre-recorded Video-only: Either an alternative for time- based media or an audio track is provided that presents equivalent information for pre-recorded video-only content.	Not Applicable	The product does not have pre-recorded audio only or pre-recorded video-only content.
1.2.2 Captions (Pre-recorded) (Level A) Captions are provided for all pre-recorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labelled as such.	Not Applicable	The product does not contain pre-recorded content requiring synchronized captions.
1.2.3 Audio Description or Media Alternative (Pre-recorded) (Level A) An alternative for time-based media or audio description of the pre-recorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labelled as such.	Not Applicable	The product does not contain pre-recorded content requiring synchronized audio description.

1.2.4 Captions (Live) (Level AA) Captions are provided for all live audio content in synchronized media.	Not Applicable	The product does not have any live video or audio content.
1.2.5 Audio Descriptions (Level AA) Audio description is provided for all pre-recorded video content in synchronized media.	Not Applicable	The product does not have any pre-recorded video content.
1.3.1 Info and Relationships (Level A) Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text.	Supports	
1.3.2 Meaningful Sequence (Level A) When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined.	Supports	
1.3.3 Sensory Characteristics (Level A) 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.	Supports	The product does not rely on any one sense to communicate information
1.3.4 Orientation (Level AA – WCAG 2.1 only) 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	Content does not restrict its view and operation to a single display orientation.
1.3.5 Identify Input Purpose (Level AA – WCAG 2.1 only) The purpose of each input field collecting information about the user can be programmatically determined when:	Supports	The meaning of each input field collecting information can be programmatically determined in the authoring experience.

• 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.		
1.4.1 Use of Color (Level A) Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supports	Colors are combined with icons and text descriptions.
1.4.2 Audio Control (Level A) If any audio on a Webpage 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.	Not Applicable	The product does not contain any audio component that plays automatically for more than 3 seconds.
1.4.3 Contrast (Minimum) (Level AA) The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: • Large Text: Large-scale text and images of large-scale text have a contrast ratio of at least 3:1; • 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.	Supports	

• Logotypes: Text that is part of a logo or brand name has no minimum contrast requirement		
1.4.4 Resize text (Level AA) Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality.	Supports	Text can be resized without assistive technology up to 200 percent without loss of content or functionality.

1.4.5 Images of Text (Level AA)
 	
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:
 	
    • Customizable: The image of text can be visually customized to the user's requirements;
 	
    • Essential: A particular presentation of text is essential to the information being conveyed.
 	
Note: Logotypes (text that is part of a logo or brand name) are considered essential.
	Supports	Text used for information rather than images of text, except where a particular presentation of text is essential to the information being conveyed, such as in logotypes.

1.4.10 Reflow (Level AA – SCAG 2.1 Only) Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for: • Vertical scrolling content at a width equivalent to 320 CSS pixels • Horizontal scrolling content at a height equivalent to 256 CSS pixels	Support	Content adapts to the screen or window size without loss of information
1.4.11 Non-text Contrast (Level AA – SCAG 2.1 Only) The visual presentation of the following have a contrast ratio of at least 3:1 against adjacent color(s). **User Interface Components** Visual information required to identify user interface components and states, except for inactive components or where the appearance of the component is determined by the user agent and not modified by the author; **Graphical Objects**	Supports	

Parts of graphics required to understand the content, except when a particular presentation of graphics is essential to the information being conveyed.		
1.4.12 Text Spacing (Level AA – SCAG 2.1 Only) In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all of the following and by changing no other style property: • 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	Supports	
1.4.13 Content on Hover or Focus (Level AA – SCAG 2.1 Only) Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true: • Dismissible: A mechanism is available to dismiss the additional content without moving pointer hover or keyboard focus, unless the additional content communicates an input error or does not obscure or replace other content • Hoverable: If pointer hover can trigger the additional content, then the pointer can be moved over the additional content without the additional content disappearing	Supports	

• Persistent: The additional content remains visible until the hover or focus trigger is removed, the user dismisses it, or its information is no longer valid.		

WCAG Principle 2: Operable

User interface components and navigation must be operable. Criteria also apply to Revised Section 508 standards for Web and Software (501), Author Tools (504.2), and Support Documentation (602.3). Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Criteria	Conformance Level	Remarks and Explanations
2.1.1 Keyboard (Level A) 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. *Note 1: 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.* *Note 2: This does not forbid and should not discourage providing mouse input or other input methods in addition to keyboard operation*	Supports	Standard navigation keyboard use.
2.1.2 No Keyboard Trap (Level A) 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.	Supports	The product does not contain keyboard traps.
2.1.4 Character Key Shortcuts (Level A – WCAG 2.1 only) If a keyboard shortcut is implemented in content using only	Not Applicable	The product does not provide character key shortcuts.

letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true: • Turn off: A mechanism is available to turn the shortcut off • Remap: A mechanism is available to remap the shortcut to use one or more non-printable keyboard characters (e.g. Ctrl, Alt, etc.) • Active only on focus: The keyboard shortcut for a user interface component is only active when that component has focus.		
2.2.1 Timing Adjustable (Level A) For each time limit that is set by the content, at least one of the following is true: • Turn off: The user is allowed to turn off the time limit before encountering it; or • 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 • 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 • 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 • Essential Exception: The time limit is essential and extending it would invalidate the activity; or • 20 Hour Exception: The time limit is longer than 20 hours. Note: 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.	Supports	

2.2.2 Pause, Stop, Hide (Level A) For moving, blinking, scrolling, or auto-updating information, all of the following are true: • 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 • 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.	Supports	The product does not contain moving, blinking, or scrolling content, and a mechanism is provided to pause or stop synchronized media.
2.3.1 Three Flashes or Below Threshold (Level A) Webpages 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. Note: 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 Webpage (whether it is used to meet other success criteria or not) must meet this success criterion. See Conformance Requirement 5: Non-Interference.	Supports	The product does not include content which flashes.
2.4.1 Bypass Blocks (Level A) A mechanism is available to bypass blocks of content that are repeated on multiple Webpages.	Not Applicable	No repeated blocks of content
2.4.2 Page Titled (Level A) Webpages have titles that describe topic or purpose.	Supports	
2.4.3 Focus Order (Level A)	Supports	

If a Webpage can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability.		
2.4.4 Link Purpose (In Context) (Level A) 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.	Supports	
2.4.5 Multiple Ways (Level AA) More than one way is available to locate a Webpage within a set of Webpages except where the Webpage is the result of, or a step in, a process.	Supports	
2.4.6 Headings and Labels (Level AA) Headings and labels describe topic or purpose.	Supports	
2.4.7 Focus Visible (Level AA) Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible.	Supports	
2.5.1 Pointer Gestures (Level A – WCAG 2.1 only) 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.	Not Applicable	No multipoint or path-based gestures
2.5.2 Pointer Cancellation (Level A – WCAG 2.1 only) For functionality that can be operated using a single pointer, at least one of the following is true:	Supports	

• No Down-Event: The down-event of the pointer is not used to execute any part of the function • Abort or Undo: Completion of the function is on the up- event, and a mechanism is available to abort the function before completion or to undo the function after completion • Up Reversal: The up-event reverses any outcome of the preceding down-event • Essential: Completing the function on the down-event is essential		
2.5.3 Label in Name (Level A – WCAG 2.1 only) For user interface components with labels that include text or images of text, the name contains the text that is presented visually.	Supports	
2.5.4 Motion Actuation (Level A – WCAG 2.1 only) 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: • Supported Interface: The motion is used to operate functionality through an accessibility supported interface • Essential: The motion is essential for the function and doing so would invalidate the activity	Supports	No such functionality in the product

WCAG Principle 3: Understandable

Information and the operation of user interface must be understandable. Criteria also apply to Revised Section 508 standards for Web and Software (501), Author Tools (504.2), and Support Documentation (602.3). Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Criteria	Conformance Level	Remarks and Explanations
3.1.1 Language of Page (Level A) The default human language of each Webpage can be programmatically determined.	Supports	The human language of each web page can be programmatically determined.
3.1.2 Language of Parts (Level AA)	Supports	The human language of each passage or phrase in the

The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text.		content can be programmatically determined.
3.2.1 On Focus (Level A) When any component receives focus, it does not initiate a change of context.	Supports	The product does not have forced focus changes that are not user-initiated.
3.2.2 On Input (Level A) 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.	Supports	
3.2.3 Consistent Navigation (Level AA) Navigational mechanisms that are repeated on multiple Webpages within a set of Webpages occur in the same relative order each time they are repeated, unless a change is initiated by the user.	Supports	The product authoring environment does not have navigational mechanisms that are repeated on multiple pages.
3.2.4 Consistent Identification (Level AA) Components that have the same functionality within a set of Webpages are identified consistently.	Supports	Components that have the same functionality within the product are identified consistently.
3.3.1 Error Identification (Level A) 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.	Supports	Errors for the errored inputs are identified and described to users in text.

3.3.2 Labels or Instructions (Level A) Labels or instructions are provided when content requires user input.	Supports	Labels or instructions for user input are provided.
3.3.3 Error Suggestion (Level AA) 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.	Supports	If an input error us automatically detected and suggestion for correction are known, then the suggestions are provided to the user within the product.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) For Webpages that cause legal commitments or financial transactions for the user to occur, that modify or delete user- controllable data in data storage systems, or that submit user test responses, at least one of the following is true: • Reversible: Submissions are reversible. • Checked: Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. • Confirmed: A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission.	Supports	The product does not cause legal commitments or financial transactions for the user to occur, does not modify or delete user controllable data in data storage systems, and does not submit user test responses, unless submissions are reversible, checked, and/or confirmed by the user.

WCAG Principle 4: Robust

Content must be robust enough that it can be interpreted reliably by a wide variety of user agents, including assistive technologies. Criteria also apply to Revised Section 508 standards for Web and Software (501), Author Tools (504.2), and Support Documentation (602.3). Report contains Level A and AA only (Revised Section 508 does not apply to AAA).

Criteria	Conformance Level	Remarks and Explanations
4.1.1 Parsing (Level A) 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. Note: 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.	Supports	
4.1.2 Name, Role, Value (Level A) 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. Note: 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.	Supports	Our development guidelines include the verification that names of the graphic elements are properly set.
4.1.3 Status Messages (Level AA – WCAG 2.1 only)	Supports	Our development guidelines include the verification that names of all application elements are properly set.

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 by assistive technologies without receiving focus.		

Revised Section 508 Report

Chapter 3: Functional Performance Criteria

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that does not require user vision.	Supports	
302.2 With Limited Vision 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.	Supports	
302.3 Without Perception of Color 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.	Supports	All colors are associated with icons and/or text descriptions
302.4 Without Hearing Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not require user hearing.	Supports	No audible operation is provided
302.5 With Limited Hearing 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.	Supports	No audible operation is provided
302.6 Without Speech	Supports	User speech is not required

Where speech is used for input, control, or operation, ICT shall provide at least one mode of operation that does not require user speech.		
302.7 With Limited Manipulation 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.	Supports	No fine motor or simultaneous manual operations required
302.8 With Limited Reach and Strength 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.	Supports	The product features can be operated by people with limited reach and strength.
302.9 With Limited Language, Cognitive, and Learning Abilities ICT shall provide features making its use by individuals with limited cognitive, language, and learning abilities simpler and easier.	Supports	All the product functionalities can be accessed through a REST API that can be leveraged to implement a more simplified workflow adapted for users with limited cognitive, language, and learning abilities.

Chapter 4: Hardware
Note: 1Integrate is not impacted by Chapter 4: Hardware. This section has been removed from the report.

Chapter 5: Software
Note: 1Integrate is not impacted by Chapter 5: Software. This section has been removed from the report.

Chapter 6: Support Documentation and Services
Note: This section is based on an internal evaluation of 1Data Gateway support documentation and services.

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features 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	The Product report is not impacted by Chapters 4 and 5
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	Documentation in electronic format (Web-based support documentation) is available and accessible.
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	Support documentation is always provided in electronic format.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features ICT support services shall include information on the accessibility and compatibility features required by 602.2	Not Applicable	The Product report is not impacted by Chapters 4 and 5

603.3 Accommodation of Communication Needs	Supports	Documentation in electronic format (Web-based support documentation) is available and accessible.
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.		This is available directly to the user.

Legal Disclaimer (Company)

The information herein is provided in good faith by 1Spatial at the time of the review and does not represent a legally-binding claim.

Please contact us to report any accessibility errors or conformance claim errors for re-evaluation and correction, if necessary.