

VertiGIS Studio Accessibility Conformance Report

WCAG AA 2.2

(Based on VPAT® Version 2.4)

Name of Product/Version:

VertiGIS Studio Web <https://www.vertigis.com/studio/web/>

VertiGIS Studio Workflow <https://www.vertigis.com/studio/workflow/>

VertiGIS Studio Reporting <https://www.vertigis.com/studio/reporting/>

Report Date: July 2025

Product Description:

- i. *VertiGIS Studio Web* is the primary UI that end users interact with and is the primary focus of compliance.
- ii. *VertiGIS Studio Workflow* has a Display Form activity that can present UI to end users within the context of VertiGIS Studio Web. VertiGIS Studio Web's presentation and interaction with the Display Form is the primary focus of compliance. For end users, VertiGIS Studio Web 'native' UI and VertiGIS Studio Web presentation of Workflow form UI are indistinguishable.
- iii. *VertiGIS Studio Reporting* produces PDF information products initiated from within VertiGIS Studio Web. The interfaces for invoking reports within VertiGIS Studio Web are compliant. The PDF information products produced by VertiGIS Studio Reporting are accessibility compliant.

Contact information: Contact your VertiGIS Studio account manager.

<https://www.vertigis.com/contact-us/>

Notes: This VPAT represents our commitment to be WCAG AA compliant.

Where non-compliance issues are discovered, they are treated as defects and resolved in a subsequent software release.

VertiGIS Studio is the industry leading provider of 'AA' WCAG compliant, commercial off-the-shelf web mapping applications. For many years web mapping applications had exemptions from compliance standards based on the rationale that it was too difficult to accomplish. VertiGIS Studio was the first to market with a web mapping solution that was WCAG 'AA' compliant (April 2015) and has maintained WCAG 'AA' compliance since that time.

We are committed to providing a framework that produces accessibility-compliant web mapping applications and each new feature is designed to ensure it is accessible. Each addition to our framework codebase is tested and assessed for accessibility. Through regular automated and human accessibility audits we test our framework to identify (and address) deficiencies to refine and improve the user experience; because we genuinely believe in making web mapping applications accessible to everyone and anyone.

Evaluation Methods Used: Panel review by product experts

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes / No) Level AA (Yes / No) Level AAA (Yes / No)
Web Content Accessibility Guidelines 2.1	Level A (Yes / No) Level AA (Yes / No) Level AAA (Yes / No)
Web Content Accessibility Guidelines 2.2	Level A (Yes / No) Level AA (Yes / No) Level AAA (Yes / No)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.x Report

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.2 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	As VertiGIS Studio is a framework for building applications, our approach to accessibility occurs at many levels. Each tool and component must meet the primary accessibility criteria for visual perceivability and screen reader support. In this instance, non-text content has a text alternative and alternate text is provided for attributes that are too large to fit. Names and descriptions are presented for controls to provide purpose and text alternatives provide descriptive identification. Content, particularly decorative content, is ignored by assistive technology.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	Web mapping applications do not contain time-based media.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	Web mapping applications do not contain time-based media.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	Web mapping applications do not contain time-based media.
1.3.1 Info and Relationships (Level A)	Supports	Information structure and relationships are conveyed through text.
1.3.2 Meaningful Sequence (Level A)	Supports	When the sequence affects the meaning, a correct reading sequence is programmatically determined.
1.3.3 Sensory Characteristics (Level A)	Supports	Instructions for understanding and operating content do not rely solely on sensory characters such as shape, size,

Criteria	Conformance Level	Remarks and Explanations
		or sound.
1.4.1 Use of Color (Level A)	Supports	Colour is not the only means of conveying information.
1.4.2 Audio Control (Level A)	Not Applicable	Web mapping applications do not contain audio.
2.1.1 Keyboard (Level A)	Supports	Component to component navigation is provided as are skip link mechanisms for moving between categories of content. Further, all functionality is operable through a keyboard interface without the need for specific timings.
2.1.2 No Keyboard Trap (Level A)	Supports	Focus may be moved away from a component using only a keyboard.
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Supports	Character key shortcuts have modifier keys to prevent accidental activation.
2.2.1 Timing Adjustable (Level A)	Supports	We avoid displaying information based on time duration. Instead, all content is available until dismissed.
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	We avoid displaying information based on time duration. Instead, all content is available until dismissed.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	There are no out-of-the-box flashing mechanisms in our mapping applications.
2.4.1 Bypass Blocks (Level A)	Supports	Component to component navigation is provided as are skip link mechanisms for moving between categories of content. Further, menu-based skip links are available to users.
2.4.2 Page Titled (Level A)	Supports	Web pages have titles that describe the topics and purpose of the page.
2.4.3 Focus Order (Level A)	Supports	Focusable components receive focus in an order that preserves meaning and operability.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of a link can be determined by the text alone.
2.5.1 Pointer Gestures (Level A 2.1 only)	Supports	Touch screen devices may contain some essential multipoint or path-based gestures.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	No down-events are used.
2.5.3 Label in Name (Level A 2.1 only)	Supports	Text labels can be programmatically determined.

Criteria	Conformance Level	Remarks and Explanations
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	No motion actuation is used.
3.1.1 Language of Page (Level A)	Supports	Each tool and component of VertiGIS Studio meets the primary accessibility criteria for readability. Default languages can be set for each web page or can be programmatically determined.
3.2.1 On Focus (Level A)	Supports	When a component receives focus it does not initiate a change of context.
3.2.2 On Input (Level A)	Partially Supports	While core functionality is compliant. Some application options do not yet meet requirements
3.2.6 Consistent Help (Level A 2.2 only)	Not Applicable	No contact or help information is offered out-of-the-box in end-user facing applications.
3.3.1 Error Identification (Level A)	Supports	Input errors are automatically detected, identified, and described to the user in text.
3.3.2 Labels or Instructions (Level A)	Supports	Labels and instructions are provided when content requires user input.
3.3.7 Redundant Entry (Level A 2.2 only)	Not Applicable	No out-of-the-box multi-step processes exist where end users would be required to remember or repeat entry of the same information.
4.1.1 Parsing (Level A)	Supports	To be compatible with assistive technologies, content contains unique IDs, is implemented with start and end tags, is nested accordingly, and does not contain duplicate attributes.
4.1.2 Name, Role, Value (Level A)	Supports	User interface components such as form elements, links, names, or roles can be programmatically determined. Values, properties, and states may be set by the user programmatically – with notifications available to the user if changes have been made.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	Web mapping applications do not contain audio.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	Web mapping applications do not contain audio.
1.3.4 Orientation (Level AA 2.1 only)	Supports	Orientation is not locked.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	All inputs clearly identify their purpose.
1.4.3 Contrast (Minimum) (Level AA)	Supports	The visual presentation of text (and images of text) has a contrast ratio of at least 4.5 to 1.
1.4.4 Resize text (Level AA)	Supports	Text can be resized up to 200% without loss of content or functionality.
1.4.5 Images of Text (Level AA)	Supports	Text is used to convey information rather than images of text.
1.4.10 Reflow (Level AA 2.1 only)	Partially Supports	All non-compliances are listed as valid exemptions (eg: maps, application toolbars, etc.).
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	Meets or exceeds required contrast levels.
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	Browser-specified values are used.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	Due to the limitations of touch devices, hover content is used minimally.
2.4.5 Multiple Ways (Level AA)	Not Applicable	Rather than multiple webpages, we are a single page application.
2.4.6 Headings and Labels (Level AA)	Supports	Headings and labels describe their related topics or purposes.
2.4.7 Focus Visible (Level AA)	Supports	Keyboard operable interfaces indicate keyboard focus.
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Supports	Elements receiving keyboard focus are never fully obscured.
2.5.7 Dragging Movements (Level AA 2.2 only)	Supports	Any dragging movements offer alternative click and keyboard interactions
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Supports	Our application respects minimum target sizes.
3.1.2 Language of Parts (Level AA)	Supports	Our application respects the browser's locale.
3.2.3 Consistent Navigation (Level AA)	Not Applicable	Rather than multiple webpages, we are a single page

Criteria	Conformance Level	Remarks and Explanations
		application.
3.2.4 Consistent Identification (Level AA)	Supports	We ensure consistency when an action is accessible from multiple locations.
3.3.3 Error Suggestion (Level AA)	Supports	Errors indicate corrective actions required.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	There is no legal or financial data in a web mapping application.
3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Supports	Authentication is handled by Esri. Esri's interface meets the minimum requirements.
4.1.3 Status Messages (Level AA 2.1 only)	Supports	Status messages can be programmatically determined.

Table 3: Success Criteria, Level AAA

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Not Applicable	Web mapping applications do not contain audio.
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Not Applicable	Web mapping applications do not contain audio.
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Not Applicable	Web mapping applications do not contain audio or video.
1.2.9 Audio-only (Live) (Level AAA)	Not Applicable	Web mapping applications do not contain audio.
1.3.6 Identify Purpose (Level AAA 2.1 only)	Supports	Elements can be programmatically determined.
1.4.6 Contrast (Enhanced) (Level AAA)	Does Not Support	Contrast levels meet AA standard.
1.4.7 Low or No Background Audio (Level AAA)	Not Applicable	Web mapping applications do not contain audio.
1.4.8 Visual Presentation (Level AAA)	Does Not Support	User is unable to change text or background colours. Line lengths are not limited by character count.
1.4.9 Images of Text (No Exception) (Level AAA)	Supports	Text is used to convey information rather than images of text.
2.1.3 Keyboard (No Exception) (Level AAA)	Supports	Component to component navigation is provided as are skip link mechanisms for moving between categories of content. Further, all functionality is operable through a keyboard interface without the need for specific timings.
2.2.3 No Timing (Level AAA)	Supports	We avoid displaying information based on time duration. Instead, all content is available until dismissed.
2.2.4 Interruptions (Level AAA)	Supports	Content is served in a way that does not interrupt the user.
2.2.5 Re-authenticating (Level AAA)	Supports	Re-authenticating does not cause loss of data.
2.2.6 Timeouts (Level AAA 2.1 only)	Supports	Timeout mechanisms are avoided.
2.3.2 Three Flashes (Level AAA)	Supports	No flashing content is present in the application.
2.3.3 Animation from Interactions (Level AAA 2.1 only)	Does Not Support	Some animations and transitions cannot be paused.
2.4.8 Location (Level AAA)	Does Not Support	Panel navigation lacks breadcrumbs.
2.4.9 Link Purpose (Link Only) (Level AAA)	Supports	A link's purpose is clearly indicated to users.
2.4.10 Section Headings (Level AAA)	Supports	Headings and labels describe their related topics or purposes.

Criteria	Conformance Level	Remarks and Explanations
2.4.12 Focus Not Obscured (Enhanced) (Level AAA 2.2 only)	Supports	No part of focused elements are obscured.
2.4.13 Focus Appearance (Level AAA 2.2 only)	Supports	Focus indicator meets all requirements.
2.5.5 Target Size (Level AAA 2.1 only)	Does Not Support	Hit target sizes meet AA standard (are 40px not 44px)
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 only)	Supports	Various input mechanisms are supported.
3.1.3 Unusual Words (Level AAA)	Does Not Support	There is no mechanism for explaining unusual words.
3.1.4 Abbreviations (Level AAA)	Does Not Support	There is no mechanism for explaining abbreviations.
3.1.5 Reading Level (Level AAA)	Supports	Default text is clear and simple to read.
3.1.6 Pronunciation (Level AAA)	Does Not Support	There is no mechanism for explaining pronunciation.
3.2.5 Change on Request (Level AAA)	Does Not Support	Some application options do not yet meet requirements.
3.3.5 Help (Level AAA)	Does Not Support	Contextual help is not available.
3.3.6 Error Prevention (All) (Level AAA)	Does Not Support	In some cases, form submissions are not reversible.
3.3.9 Accessible Authentication (Enhanced) (Level AAA 2.2 only)	Supports	Authentication is handled by Esri. Esri's interface meets the enhanced requirements.

Legal Disclaimer (Company)

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