Surfer Voluntary Product Accessibility (VPAT)

Golden Software Accessibility Conformance Report

(VPAT) Version 2.5

This Voluntary Product Accessibility Template (VPAT) serves as a formal declaration of our product and service accessibility. It is designed to assist potential and current users in evaluating our software features against key accessibility standards. Our VPAT adheres to guidelines set forth by the U.S. Access Board and the Web Content Accessibility Guidelines (WCAG), demonstrating our ongoing commitment to accessibility compliance. More information on the specific standards used can be found HERE.

Name of Product: Surfer

Date: 15 April 2025

Product Description: Golden Software's **Surfer** software is a full-function 3D visualization, data interpolation and surface modeling package that runs under Microsoft Windows. **Surfer** is used extensively for terrain modeling, landscape visualization, surface analysis, contour mapping, 3D surface mapping, gridding, volumetrics, and more.

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The following three tables follow the VPAT™ template to provide a summary of the Web Content Accessibility Guidelines (WCAG) 2.1 and Section 508 Standards that pertain to software products.

Important Notes:

Golden Software's **Surfer** application is a data visualization and mapping tool. Many aspects of how users interact with the application are through dialogs that set parameters and define properties. These have a high degree of accessibility, and users can build simple to complex maps using the settings in these dialogs. The maps that are built in **Surfer** are user-dependent, meaning that a user can add any number of objects to a map, such as points, legends, layers, scales, etc... Most objects that can be added to a map do not have a high degree of accessibility. For example, you cannot tab thru objects in a map. You can access each object from a list of map objects in a contents window that holds and allows users to manage objects in a map. The refinement of the objects in the map, for example their placement or sizing, does not have a high degree of accessibility.

Evaluation Methods Used: Both manual and functional testing of Surfer was performed using readily available screen reader technology and exclusive use of the keyboard to navigate the program.

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	Level A (Yes) Level AA (Yes) Level AAA (No)
Section 508 Chapter 5: Software	(Yes)
Section 508 Chapter 6: Support	(Yes)

Terms:

• 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.

WCAG 2.0 Report

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Does Not Support	**Surfer** contains three sets of help documentation, and one of them, the online HTML help, does not contain alt text for most images. Many images, such as buttons, are evident by their context in specific steps or instructions, and the images of dialogs and other important references have image captions.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	
1.2.2 Captions (Prerecorded) (Level A)	Supports	
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	

1.2.4 Captions (Live) (Level AA)	Supports	
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	
1.3.1 Info and Relationships (Level A)	Does Not Support	Component labels for another component are frequently not discernible using assistive technology.
1.3.2 Meaningful Sequence (Level A)	Partially Supports	When meaning is affected by the sequence of elements in context, **Surfer** usually presents a sequentially meaningful context; however some information sequences are dependent on a functional complexity that programmatic approaches may not be able to predict.
1.3.3 Sensory Characteristics(Level A)	Supports	
1.3.4 Orientation (Level AA)	Supports	
1.3.5 Identify Input Purpose (Level AA)	Supports	
1.4.1 Use of Color(Level A)	Partially Supports	The vast majority of times that color references are used, other methods, such as the text name of the color, are used. However, there are some features in **Surfer** as a data visualization and mapping tool that use colors as colors, without a text references or other accessibility option.
1.4.2 Audio Control(Level A)	Supports	
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	**Surfer** uses standard Windows API controls for our input from users that work with Windows assistive technology by default.
1.4.4 Resize text(Level AA)	Partially Supports	**Surfer** uses standard Windows API controls for our input from users that work with Windows assistive technology by default.
1.4.5 Images of Text(Level AA)	Supports	The application does not use images of text.
2.1.1 Keyboard(Level A)	Supports	
2.1.2 No Keyboard Trap (Level A)	Supports	
2.2.1 Timing Adjustable (Level A)	Supports	
2.2.2 Pause, Stop, Hide (Level A)	Supports	
2.3.1 Three Flashes or Below Threshold(Level A)	Supports	
2.4.1 Bypass Blocks(Level A)	Supports	

2.4.2 Page Titled(Level A)	Supports	
2.4.3 Focus Order(Level A)	Supports	
2.4.4 Link Purpose (In Context)(Level A)	Supports	
2.4.5 Multiple Ways(Level AA)	Supports	
2.4.6 Headings and Labels (Level AA)	Supports	
2.4.7 Focus Visible(Level AA)	Supports	
3.1.1 Language of Page (Level A)	Not Applicable	The only human language in **Surfer's** user interface and web based information is English.
3.1.2 Language of Parts (Level AA)	Not Applicable	The only human language in **Surfer's** user interface and web based information is English.
3.2.1 On Focus(Level A)	Supports	
3.2.2 On Input(Level A)	Supports	
3.2.3 Consistent Navigation (Level AA)	Not Supported	
3.2.4 Consistent Identification(Level AA)	Supports	
3.3.1 Error Identification (Level A)	Supports	
3.3.2 Labels or Instructions (Level A)	Supports	
3.3.3 Error Suggestion (Level AA)	Supports	
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	**Surfer** has no financial transactions or opportunities to enter into legal agreements. Potential Surfer upgrades and changes in licensing occur in a different application.
4.1.1 Parsing(Level A)	Supports	
4.1.2 Name, Role, Value (Level A)	Partially Supports	**Surfer's** web-based help supports this requirement. Most of **Surfer's** user interface elements' information is available programmatically thru assistive technology. Some object's states or other information is not discernible programmatically, such as the object type.

Section 508 Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
502 Interoperability with Assistive Technology	See WCAG 2.0 section	See the WCAG section for web related components of this software.
502.2.1 User Control of	Supports	The user has full control over all accessibility

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Accessibility Features		features.
502.2.2 No Disruption of Accessibility Features	Supports	There is no disruption of accessibility features.
502.3 Accessibility Services		
502.3.1 Object Information	Partially Supports	Most user interface elements' information is available programmatically thru assistive technology. Some object's states or other information is not discernible programmatically, such as the object type.
502.3.2 Modification of Object Information	Partially Supports	Users can set the values of and engage in the manipulation of most user interface elements. Some user interface elements cannot be set programmatically.
502.3.3 Row, Column, and Headers	Does Not Support	
502.3.4 Values	Partially Supports	Values for objects can be determined programmatically, but not all objects' value ranges can be determined programmatically
502.3.5 Modification of Values	Partially Supports	The values of most user interface elements can be set programmatically.
502.3.6 Label Relationships	Does Not Support	Component labels for another component are frequently not discernible using assistive technology.
502.3.7 Hierarchical Relationships	Partially Supports	Most hierarchical relationships can be determined using assistive technology
502.3.8 Text	Partially Supports	Most text objects contents and locations are accessible information.
502.3.9 Modification of Text	Partially Supports	Most text values than can be set, can be set using assistive technology.
502.3.10 List of Actions	Does Not Support	Lists of actions that can be performed on an object are often not programmatically determinable, and the object type (e.g. button, check box) may not available to assistive technology.
502.3.11 Actions on Objects	Partially Supports	Most actions that can be taken on objects can be done using assistive technology. However some objects' actions cannot be accessed via assistive technology.
502.3.12 Focus Cursor	Partially Supports	Where, applicable, cursor location shows a visual focus and a name focus if using assistive technology. However, the object type (e.g. button, check box) may not available to assistive technology.
502.3.13 Modification of Focus Cursor	Partially Supports	For most applicable cursor locations, **Surfer** shows a visual focus and a name focus if using assistive technology.
502.3.14 Event Notification	Partially Supports	For events that are notification worthy, assistive technology can assess those events. Not all events,

Criteria	Conformance Level	Remarks and Explanations
		such as updating a value in a dialog, have notifications. A user could use assistive technology to verify these types of events.
502.4 Platform Accessibility Features	Not Applicable	**Surfer** is not platform software.
503 Applications		
503.2 User Preferences	Partially Supports	**Surfer** uses standard Windows API controls for our input from users that work with Windows assistive technology by default.
503.3 Alternative User Interfaces	Not Applicable	No alternative user interface provided.
503.4 User Controls for Captions and Audio Description	Not Applicable	No audio included in the software
504 Authoring Tools	Not Applicable	**Surfer** is not an authoring application

Section 508 Chapter 6: Support

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope		
602 Support Documentation	Supports	Digital documentation is available within **Surfer**. This documentation is also available through the Golden Software website
602.2 Accessibility and Compatibility Features	See WCAG 2.0 section	A help topic describing accessibility features is available in the program help
602.3 Electronic Support Documentation	Partially Supports	Some web-based and self service support, such as HTML-based help, does not have fully accessible alternative text for images or other object when using read-out-loud assistive tools.
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Provided by calling technical support
603 Support Services		
603.2 Information on Accessibility and Compatibility Features	Supports	A help topic describing accessibility features is available in the program help
603.3 Accommodation of Communication Needs	Supports	Support services are provided directly to the user over the telephone, via chat, via email or via screenshare.