

# Gaussian, Inc. Accessibility Conformance Report

Revised Section 508 Edition  
(Based on VPAT® Version 2.4Rev)

Report Date: 6 November 2023  
Name of Product/Version: GaussView for supported Windows and UNIX-based operating systems  
(including the optional GMMX module)  
Product Description: Graphical molecular modeling application  
Contact Information: vpat@gaussian.com  
Evaluation Methods Used: Knowledge of the product

## Applicable Standards/Guidelines

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

Standard/Guideline	Included In Report
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)
Web Content Accessibility Guidelines 2.0 and Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (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.
- **Varying Support:** Support varies directly with the specific abilities of the individual user. There exist levels of ability for which full support is provided and others for which it is not. There are minimum levels of functionality required to use the product.
- **Not Applicable:** The criterion is not relevant to the product.

## Revised Section 508 Report

### Notes:

- The GaussView product is a molecular modeling application with a graphical user interface. It is often used in conjunction with the Gaussian computational chemistry software, and it can function as a “front-end” to this computational engine. GaussView requires substantial mouse manipulation to function as well as text entry into text boxes and text fields. A few features require the ability to drag and rotate visual objects using mouse actions.
- With the exception of most color perception limitations, the product does not provide any assistive features. Nevertheless, it will function properly with most assistive technology allowing the user to increase the size of screen objects, and to enter text and perform mouse operations in alternate modes.
- Documentation is provided as a help system within the product, which also includes a link to the Gaussian documentation on the Internet. The latter consists of HTML pages and is also available in other electronic formats suitable for use with text-to-speech and other assistive technology for visual impairment without charge upon request. The information in the WCAG 2.x Report included here applies only to this documentation and not to the product per se.

### Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does not support	The product is a visual tool for computational chemistry. Users without vision require a fundamentally different approach.
302.2 With Limited Vision	Supports	The product will function with standard OS facilities for users with limited vision as well as with other assistive technology tools of this type in line with the requirements specified in the standards cited above.
302.3 Without Perception of Color	Supports	Any assistive technology and OS features relevant to color perception limitations will work with the underlying product and enable all features to be used. In addition, the product allows the colors of all graphical items to be customized by the user so that colors and combinations perceptible to that individual are used.
302.4 Without Hearing	Supports	There is no audio present in the product.
302.5 With Limited Hearing	Supports	
302.6 Without Speech	Supports	Speech ability is irrelevant to the product.
302.7 With Limited Manipulation	Supports	Any assistive technology allowing the user to enter text and to perform mouse operations will enable all features to be used.
302.8 With Limited Reach and Strength	Supports	
302.9 With Limited Language, Cognitive, and Learning Abilities	Varying Support	Certain scientific knowledge and competence is required for meaningful use of the product.

### Chapter 4: Hardware

**Note:** This section is not applicable to the specified product and is omitted.

## Chapter 5: Software

Notes: The software is implemented with the QT graphical framework. However, the accessibility-compliant function calls available in recent versions are not used.

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See information in WCAG 2.x Report.	
<i>502 Interoperability with Assistive Technology</i>		
502.2.1 User Control of Accessibility Features	Supports	
502.2.2 No Disruption of Accessibility Features	Supports	
<i>502.3 Accessibility Services</i>		
502.3.1 Object Information	Does not support	
502.3.2 Modification of Object Information	Does not support	
502.3.3 Row, Column, and Headers	Does not support	
502.3.4 Values	Does not support	
502.3.5 Modification of Values	Does not support	
502.3.6 Label Relationships	Does not support	
502.3.7 Hierarchical Relationships	Does not support	
502.3.8 Text	Does not support	
502.3.9 Modification of Text	Does not support	
502.3.10 List of Actions	Does not support	
502.3.11 Actions on Objects	Does not support	
502.3.12 Focus Cursor	Does not support	
502.3.13 Modification of Focus Cursor	Does not support	
502.3.14 Event Notification	Does not support	
502.4 Platform Accessibility Features	Not Applicable	No events/capabilities of these types are included.
<i>503 Applications</i>		
503.2 User Preferences	Supports	No settings of the OS are modified by the product.
503.3 Alternative User Interfaces	Not Applicable	No alternative user interface specifically designed for assistive technology is provided.
<i>503.4 User Controls for Captions and Audio Description</i>		
503.4.1 Caption Controls	Not Applicable	No relevant components present.
503.4.2 Audio Description Controls	Not Applicable	No relevant components present.
<i>504 Authoring Tools</i>		
504.2 Content Creation or Editing	See information in WCAG 2.x Report.	
504.2. Preservation of Information Provided for Accessibility in Format Conversion	Does not support	
504.2.2 PDF Export	Does not support	
504.3 Prompts	Not Applicable	
504.4 Templates	Not Applicable	

## Chapter 6: Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope		
<i>602 Support Documentation</i>		
602.2 Accessibility and Compatibility Features	Supports	
602.3 Electronic Support Documentation	See information in WCAG 2.x Report.	
602.4 Alternate Formats for Non-Electronic Support Documentation	Not Applicable	All documentation is in electronic form.
<i>603 Support Services</i>		
603.2 Information on Accessibility and Compatibility Features	Supports	
603.3 Accommodation of Communication Needs	Supports	Support is provided via electronic mail.

## WCAG 2.x Report

**Notes:**

- 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 2.0 Conformance Requirements and Web Content Accessibility Guidelines (WCAG) 2.1.
- Conformance with WCAG 2.x Success Criteria applies only to the documentation for the Gaussian software product, which is made available via the Internet from gaussian.com/docs. No part of the product which is the subject of this report is itself web-based. The documentation consists solely of static web pages coded in HTML without user input other than search fields.
- Gaussian also provides this documentation in an alternate format for use with assistive tools/technologies for the visually impaired upon request free of charge.

**Table 1: Success Criteria, Level A**

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	No audio content.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	No audio content.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	No audio content.
1.3.1 Info and Relationships (Level A)	Supports	
1.3.2 Meaningful Sequence (Level A)	Supports	
1.3.3 Sensory Characteristics (Level A)	Supports	
1.4.1 Use of Color (Level A)	Supports	
1.4.2 Audio Control (Level A)	Not Applicable	No audio content.
2.1.1 Keyboard (Level A)	Supports	Tabs on keyword pages are accessible only by clicking on them and thus require keyboard-based or other mouse action assistive features.
2.1.2 No Keyboard Trap (Level A)	Supports	
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Not Applicable	None present independent of user agent.
2.2.1 Timing Adjustable (Level A)	Not Applicable	No time limits present.
2.2.2 Pause, Stop, Hide (Level A)	Not Applicable	No auto-updating information.
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	No flashing present.
2.4.1 Bypass Blocks (Level A)	Supports	Uses functionality of user agent.
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	
2.5.1 Pointer Gestures (Level A 2.1 only)	Not Applicable	No multipoint or path-based gestures.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Not Applicable	No web content interprets pointer actions.
2.5.3 Label in Name (Level A 2.1 only)	Supports	
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	No content is dependent on motion actuation.
3.1.1 Language of Page (Level A)	Supports	
3.2.1 On Focus (Level A)	Supports	
3.2.2 On Input (Level A)	Not Applicable	No controls with settable functionality.
3.3.1 Error Identification (Level A)	Supports	
3.3.2 Labels or Instructions (Level A)	Supports	

Criteria	Conformance Level	Remarks and Explanations
4.1.1 Parsing (Level A)	Supports	
4.1.2 Name, Role, Value (Level A)	Supports	

**Table 2: Success Criteria, Level AA**

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	No audio content.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	No audio content.
1.3.4 Orientation (Level AA 2.1 only)	Supports	
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	Search fields are the only input fields.
1.4.3 Contrast (Minimum) (Level AA)	Supports	Relies on the OS High Contrast mode.
1.4.4 Resize text (Level AA)	Supports	
1.4.5 Images of Text (Level AA)	Supports	
1.4.10 Reflow (Level AA 2.1 only)	Supports	
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	Applicable only to literature reference popups.
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	Relies on the features of the user agent.
3.1.2 Language of Parts (Level AA)	Supports	There is no language divergence for any part.
3.2.3 Consistent Navigation (Level AA)	Supports	
3.2.4 Consistent Identification (Level AA)	Supports	
3.3.3 Error Suggestion (Level AA)	Supports	Input completion is provided in search fields.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	No relevant events are present.
4.1.3 Status Messages (Level AA 2.1 only)	Not Applicable	No status messages are present.

**Table 3: Success Criteria, Level AAA**

**Notes:** This Accessibility Conformance Report covers the degree of Level A and Level AA conformance for Web Content Accessibility Guidelines (WCAG) 2.1, as well as Section 508 standards as published in 2017 and corrected in 2018. Tables and other details in this section have been removed.

### Legal Disclaimer (Gaussian, Inc.)

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