

Gaussian, Inc. Accessibility Conformance Report

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

Report Date: 6 November 2023
Name of Product/Version: Gaussian for supported Windows operating systems (AKA GaussianW)
Product Description: Text-based computational chemistry application
and Optional text field GUI
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.

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Notes:

- The Gaussian product is a computational application with a primarily text-based interface. Users who can access the Windows command line via OS-provided and/or third party assistive technology features/applications can use all features of the software.
- Documentation is provided as static HTML pages via the Internet and in other electronic formats suitable for use with text-to-speech and other assistive technology for visual impairment without charge upon request.
- In the Windows environment, a simple text-based GUI is also provided, but its use is not required. In general, this GUI will function properly and can be used successfully with assistive technologies employing magnification/enlarging techniques, mouse movement assistance techniques and/or alternative techniques for text input. However, many features may not be accessible via screen-reading and/or voice control techniques.
- When the GUI’s accessibility compliance differs from that of the underlying product, it is noted below, labeled as “GUI.” The underlying computational product is referenced below as “CLI” (command-line interface). Unlabeled conformance levels and remarks apply to both interfaces.

Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	CLI: Supports GUI: Partially Supports	CLI and GUI: Any assistive technology for visual limitations providing full access to the command line will work with the underlying product and enable all features to be used. GUI: Although it does support assistive magnification functionality, some parts may not support text-to-speech assistive technologies and thus not support some visually impaired users and users without vision requiring this type of assistance.
302.2 With Limited Vision		
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.
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	CLI: Any assistive technology allowing the user to access the command line will enable all features to be used. GUI: Any assistive technology allowing the user to enter text into text boxes 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

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	No internal accessibility features.
502.2.2 No Disruption of Accessibility Features	Supports	
<i>502.3 Accessibility Services</i>		
502.3.1 Object Information	CLI: Not Applicable GUI: Partially Supports	CLI: No objects are used. GUI: Some object properties may not be programmatically available.
502.3.2 Modification of Object Information	Not Applicable	No objects are modifiable.
502.3.3 Row, Column, and Headers	Not Applicable	All output is text-based. There are no data tables.
502.3.4 Values	CLI: Not Applicable GUI: Partially Supports	CLI: No components having values are present. GUI: Not all allowable value ranges can be determined programmatically.
502.3.5 Modification of Values	CLI: Not Applicable GUI: Partially Supports	CLI: No components having values are present. GUI: Not all values can be set using every programmatic paradigm.
502.3.6 Label Relationships	Not Applicable	CLI: No labels are present. GUI: No alterable components are employed as labels for other components.
502.3.7 Hierarchical Relationships	Not Applicable	CLI: There are no containers. GUI: There are no containers inside other containers.
502.3.8 Text	Supports	
502.3.9 Modification of Text	CLI: Not Applicable GUI: Supports	CLI: User input consists of text commands and text files. GUI: User input consists of text within text boxes.
502.3.10 List of Actions	CLI: Not Applicable GUI: Partially Supports	CLI: No objects are present in the software. GUI: Action lists cannot be determined for some objects.
502.3.11 Actions on Objects	CLI: Not Applicable UI: Partially Supports	CLI: No graphical user interface. GUI: No all actions can be performed programmatically
502.3.12 Focus Cursor	CLI: Supports	CLI: The standard command line cursor is used by the product. GUI: Employs standard Windows text application cursor behavior.
502.3.13 Modification of Focus Cursor	CLI: Supports	
502.3.14 Event Notification	Not Applicable	CLI: No such events. GUI: No components change state.
502.4 Platform Accessibility Features	Supports	Supported via standard Windows text input capabilities.
<i>503 Applications</i>		
503.2 User Preferences	Supports	No settings of the OS or the command line environment are modified by the product.
503.3 Alternative User Interfaces	Not Applicable	No alternative user interface specifically designed for assistive technology is provided.

Criteria	Conformance Level	Remarks and Explanations
<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	Not Applicable	No authoring capabilities.
504.2.2 PDF Export	Not Applicable	No authoring capabilities.
504.3 Prompts	Not Applicable	No authoring capabilities.
504.4 Templates	Not Applicable	No authoring capabilities.

Chapter 6: Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
<i>601.1 Scope</i>		
<i>602 Support Documentation</i>		
602.2 Accessibility and Compatibility Features	Not Applicable	No features are present.
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	Not Applicable	No features are present.
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.

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