Voluntary Product Assessment Template (VPAT)
GemStone 2.0 Cytometry Analysis Software
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Summary Table - Voluntary Product Accessibility Template

Criteria	*Level of Support & Supporting Features*	*Remarks and Explanations*
Section 1194.21 Software Applications and Operating Systems	Supports with exceptions	Refer to table 1194.21
Section 1194.22 Web-based Internet Information and Applications	Not Applicable	GemStone is not a web-based or internet application
Section 1194.23 Telecommunications Products	Not Applicable	GemStone is a software product, not a telecommunications product
Section 1194.24 Video and Multi-media Products	Not Applicable	GemStone is a software product, not a video or multi-media product
Section 1194.25 Self-Contained, Closed Products	Not Applicable	GemStone is a software product, not a self-contained or closed product
Section 1194.26 Desktop and Portable Computers	Not Applicable	GemStone is a software product, not hardware
Section 1194.31 Functional Performance Criteria	Supports with exceptions	Refer to table 1194.31
Section 1194.41 Information, Documentation and Support	Supports	Refer to table 1194.41

Section 1194.21 Software Applications and Operating Systems Detail- Voluntary Product Accessibility Template

Criteria	Level of Support & Supporting Features	Remarks and explanations
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	Supports	GemStone generally follows conventions for navigating the user interface from the keyboard. In cases where keyboard commands do not execute product functions, the accessibility features of the Windows and MacOS operating systems provide keyboard navigation for the user.
(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.	Supports	There are no reported or known cases of GemStone interfering with adaptive features in the Windows or MacOS operating systems.
(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes.	Supports	GemStone indicates the current focus through standard Windows and MacOS practices, most of which are configurable by the user. The focus is exposed to assistive technology.
(d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text.	Supports	GemStone uses tooltips to provide information about user interface elements to AT.

(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	Supports	Images are consistent throughout GemStone
(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	Supports	Text is provided through operating system functions
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports	Operating system settings for contrast and color are not overridden by GemStone.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Supports	Animation in GemStone is limited to a capability to highlight a region and is user controlled. The user has full control over this animation.
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supports	Color coding is not used as the only means for conveying information. Text and statistical results are commonly used in addition to color coding.
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.	Supports	GemStone allows users to adjust color settings over the entire color spectrum.
(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.	Supports	GemStone does not use flashing or blinking text, objects, or elements.
(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Supports with Exceptions	GemStone allows people using AT to access all aspects of forms and in most cases provides directions and cues. In some cases, GemStone does not provide directions and cues through AT.

Section 1194.31 Functional Performance Criteria

Criteria	Supporting Features	Remarks and explanations
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided.	Support with Exceptions	Support for AT is generally provided. However, there may be cases where AT does not provide for every possible user action.
(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided.	Supports	GemStone can be operated through the mouse and keyboard actions that are standard for the Windows and MacOS operating systems. AT provided by the OS provides audio and enlarged print options.
(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people who are deaf or hard of hearing shall be provided	Supports	GemStone does not depend on sound for any of it functions.
(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided	Supports	GemStone does not use sound for any functions.
(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided.	Supports	GemStone does not require speech for any functions.
(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.	Supports with exceptions	AT may or may not be able to produce the equivalent region drawing achievable with fine motor control. However, no cases have been reported where AT did not suffice to produce acceptable regions.

Section 1194.41 Information, documentation, and support

Criteria	Supporting Features	Remarks and explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge.	Supports	Documentation is provided in both HTML and PDF formats at no additional charge.
(b) End-users shall have access to a description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge.	Supports	This VPAT is provided electronically in PDF format. Verity Software House can provide alternate formats of this document on request.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities	Supports	Support is provided by phone, email, and web. These accommodate a range of broad range accessibility issues.